

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137397.D
 Acq On : 26 Feb 2024 21:01
 Operator : CG\JU
 Sample : P1573-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022224

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137397.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	562	564	574	rBV	419271	449290	6.50%	0.510%
2	6.416	733	736	741	rBV	327998	423959	6.13%	0.482%
3	6.622	766	771	776	rVB2	166294	193655	2.80%	0.220%
4	6.781	795	798	805	rBV	1046079	928559	13.43%	1.055%
5	7.339	891	893	897	rBV	224282	244333	3.53%	0.278%
6	7.381	897	900	903	rVB	223313	202954	2.94%	0.231%
7	8.063	1010	1016	1017	rBV2	1253735	1425796	20.62%	1.620%
8	8.081	1017	1019	1023	rVV	1678454	1400568	20.26%	1.591%
9	8.657	1113	1117	1120	rBV	501822	408759	5.91%	0.464%
10	8.775	1134	1137	1142	rVB	841049	659217	9.53%	0.749%
11	8.869	1149	1153	1158	rBV	719939	706712	10.22%	0.803%
12	9.133	1196	1198	1203	rBV	647804	588728	8.51%	0.669%
13	9.222	1209	1213	1219	rBV2	614169	660963	9.56%	0.751%
14	9.404	1240	1244	1248	rVV	239733	329169	4.76%	0.374%
15	9.475	1253	1256	1258	rVV	504653	480174	6.94%	0.545%
16	9.498	1258	1260	1263	rVV	313044	292194	4.23%	0.332%
17	9.545	1263	1268	1270	rVV3	219162	292136	4.23%	0.332%
18	9.592	1274	1276	1281	rVB2	203488	267836	3.87%	0.304%
19	9.675	1287	1290	1296	rVB	483985	413413	5.98%	0.470%
20	9.751	1301	1303	1307	rBV	575936	458376	6.63%	0.521%
21	9.816	1307	1314	1317	rBV	1412698	1306951	18.90%	1.485%
22	9.845	1317	1319	1323	rVB	811177	694160	10.04%	0.789%
23	9.992	1337	1344	1345	rBV5	73082	140648	2.03%	0.160%
24	10.022	1346	1349	1352	rBV	659321	538197	7.78%	0.611%
25	10.257	1385	1389	1391	rBV	497164	410743	5.94%	0.467%
26	10.363	1404	1407	1413	rVV	1530240	1401449	20.27%	1.592%
27	10.427	1413	1418	1420	rVV3	124386	178862	2.59%	0.203%
28	10.451	1420	1422	1424	rVV3	150653	143801	2.08%	0.163%
29	10.474	1424	1426	1429	rVV2	247990	257306	3.72%	0.292%
30	10.522	1432	1434	1438	rVB2	210608	211071	3.05%	0.240%
31	10.604	1443	1448	1452	rVV3	446995	560176	8.10%	0.636%
32	10.733	1466	1470	1477	rVB	569433	690633	9.99%	0.785%
33	10.916	1496	1501	1504	rBV2	256269	333398	4.82%	0.379%
34	10.945	1504	1506	1512	rVB3	173514	205724	2.98%	0.234%
35	11.180	1544	1546	1548	rVV	443306	376576	5.45%	0.428%
36	11.204	1548	1550	1558	rVB	743844	758363	10.97%	0.861%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137397.D
 Acq On : 26 Feb 2024 21:01
 Operator : CG\JU
 Sample : P1573-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022224

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.310	1564	1568	1569	rBV	1075894	959294	13.87%	1.090%
38	11.339	1569	1573	1576	rVV	6467142	6289884	90.97%	7.145%
39	11.386	1576	1581	1584	rVV	1601634	1576281	22.80%	1.791%
40	11.421	1584	1587	1590	rVB	130678	145527	2.10%	0.165%
41	11.545	1604	1608	1616	rBV	589444	665707	9.63%	0.756%
42	11.610	1616	1619	1622	rBV	547897	442757	6.40%	0.503%
43	11.639	1622	1624	1630	rVV2	274358	258442	3.74%	0.294%
44	11.716	1633	1637	1643	rVB2	1008523	983988	14.23%	1.118%
45	11.810	1650	1653	1656	rVV	774418	773791	11.19%	0.879%
46	11.839	1656	1658	1662	rVB	1033980	847628	12.26%	0.963%
47	11.886	1663	1666	1669	rVV	247345	233040	3.37%	0.265%
48	11.921	1669	1672	1675	rVV	1538926	1648670	23.84%	1.873%
49	11.945	1675	1676	1682	rVB	590153	432986	6.26%	0.492%
50	12.021	1687	1689	1691	rVV	371330	275453	3.98%	0.313%
51	12.110	1701	1704	1706	rVV	537072	488492	7.07%	0.555%
52	12.133	1706	1708	1713	rVB2	341927	344531	4.98%	0.391%
53	12.292	1732	1735	1737	rVV	172443	169719	2.45%	0.193%
54	12.316	1737	1739	1743	rVB2	164327	135893	1.97%	0.154%
55	12.363	1744	1747	1750	rBV	439760	480632	6.95%	0.546%
56	12.404	1750	1754	1756	rVV	3325986	3149383	45.55%	3.578%
57	12.427	1756	1758	1761	rVV2	2049178	1830471	26.47%	2.079%
58	12.451	1761	1762	1767	rVB2	326735	289518	4.19%	0.329%
59	12.533	1770	1776	1779	rBV	6543182	6570492	95.03%	7.464%
60	12.592	1781	1786	1789	rVB3	109024	157628	2.28%	0.179%
61	12.621	1789	1791	1794	rVB	167569	153968	2.23%	0.175%
62	12.680	1798	1801	1805	rVB	315028	311691	4.51%	0.354%
63	12.763	1809	1815	1818	rBV	5516472	6914151	100.00%	7.854%
64	12.810	1821	1823	1827	rVB2	227012	259641	3.76%	0.295%
65	12.880	1831	1835	1837	rBV	289866	332024	4.80%	0.377%
66	12.904	1837	1839	1846	rVB2	743695	826579	11.95%	0.939%
67	12.980	1847	1852	1855	rBV2	409649	588937	8.52%	0.669%
68	13.063	1863	1866	1867	rBV	303983	284471	4.11%	0.323%
69	13.086	1867	1870	1874	rVB	1073627	1079876	15.62%	1.227%
70	13.157	1878	1882	1885	rBV	973943	890809	12.88%	1.012%
71	13.192	1885	1888	1892	rBV2	611086	579771	8.39%	0.659%
72	13.286	1900	1904	1906	rVB	366111	348950	5.05%	0.396%
73	13.315	1906	1909	1912	rBV	418395	363183	5.25%	0.413%
74	13.492	1936	1939	1942	rBV3	230730	259724	3.76%	0.295%
75	13.574	1950	1953	1955	rBV2	145301	183026	2.65%	0.208%
76	13.598	1955	1957	1962	rVB	198717	265340	3.84%	0.301%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137397.D
 Acq On : 26 Feb 2024 21:01
 Operator : CG\JU
 Sample : P1573-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022224

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.710	1971	1976	1979	rBV	688727	829113	11.99%	0.942%
78	13.739	1979	1981	1983	rVV	580022	536851	7.76%	0.610%
79	13.762	1983	1985	1991	rVV3	556312	814895	11.79%	0.926%
80	13.810	1991	1993	1999	rVV2	258679	402325	5.82%	0.457%
81	13.880	2003	2005	2010	rVV	158251	163418	2.36%	0.186%
82	13.957	2012	2018	2022	rVV2	3484271	5212588	75.39%	5.921%
83	13.992	2022	2024	2030	rVB	2876079	2874046	41.57%	3.265%
84	14.068	2035	2037	2040	rVB	633746	547349	7.92%	0.622%
85	14.110	2042	2044	2046	rBV	176769	165527	2.39%	0.188%
86	14.198	2057	2059	2061	rVB	207504	154548	2.24%	0.176%
87	14.315	2077	2079	2081	rBV2	155865	170829	2.47%	0.194%
88	14.357	2083	2086	2089	rVV	520072	578632	8.37%	0.657%
89	14.386	2089	2091	2095	rVV	270561	275125	3.98%	0.313%
90	14.451	2099	2102	2104	rVV2	455580	477341	6.90%	0.542%
91	14.480	2104	2107	2109	rVV	361693	455790	6.59%	0.518%
92	14.498	2109	2110	2114	rVB2	398409	308549	4.46%	0.350%
93	15.021	2194	2199	2202	rBV	2229501	3714135	53.72%	4.219%
94	15.121	2213	2216	2221	rVB2	537582	641805	9.28%	0.729%
95	15.327	2246	2251	2257	rVB	1260337	1784405	25.81%	2.027%
96	15.392	2257	2262	2268	rBV	1912085	2490085	36.01%	2.829%
97	15.451	2268	2272	2275	rBV	712192	892246	12.90%	1.014%
98	15.480	2275	2277	2281	rVB	346832	395633	5.72%	0.449%
99	16.951	2521	2527	2536	rVB2	588943	1300998	18.82%	1.478%
100	17.398	2598	2603	2616	rVB	489314	1018246	14.73%	1.157%

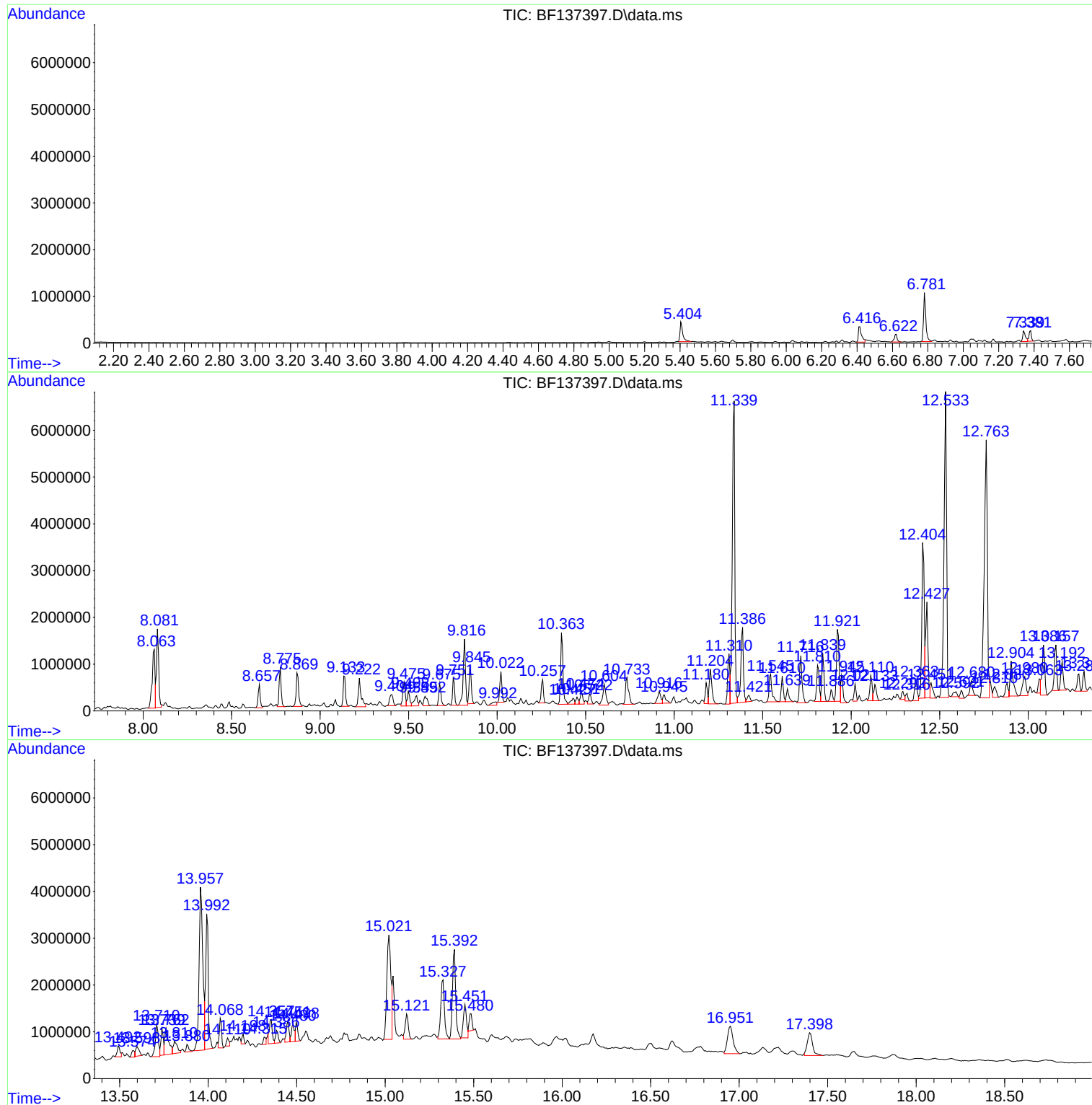
Sum of corrected areas: 88031676

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

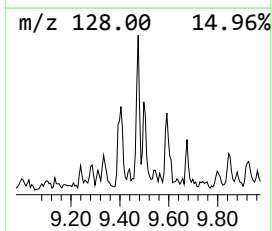
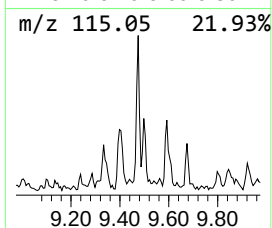
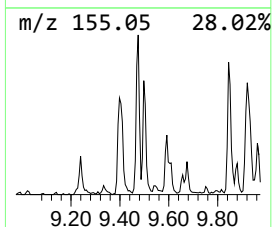
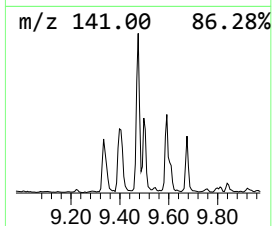
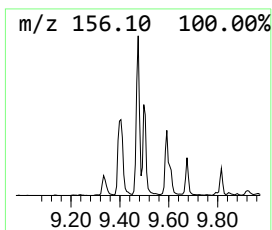
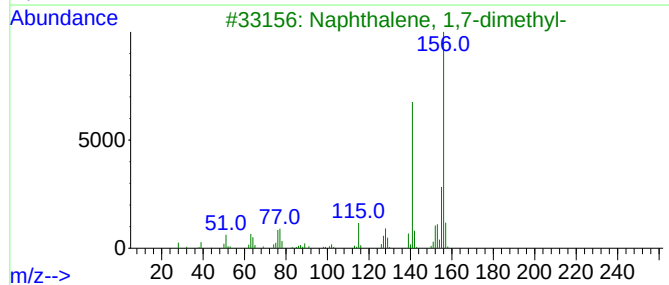
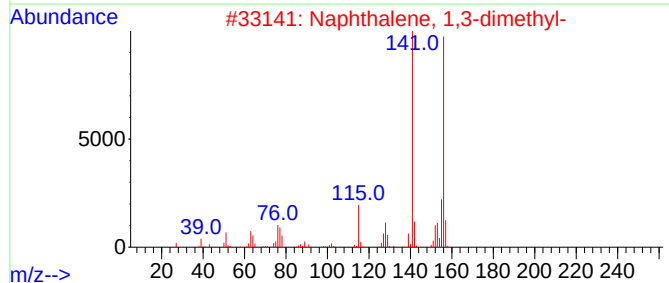
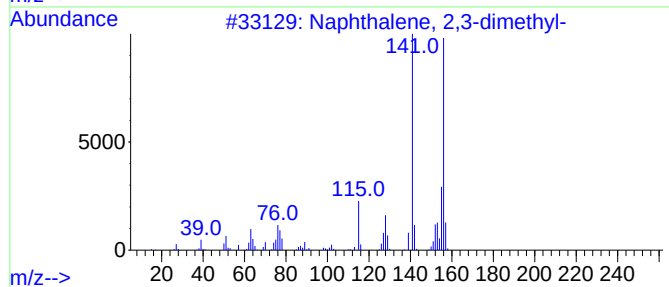
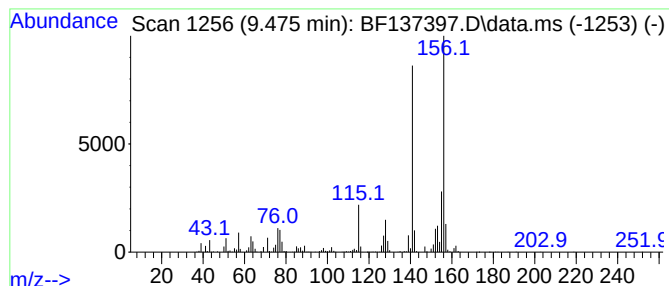
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	7.35 ng	480174	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

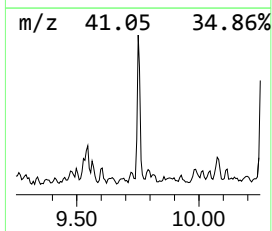
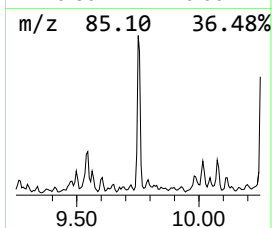
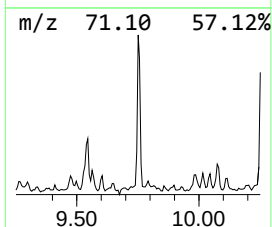
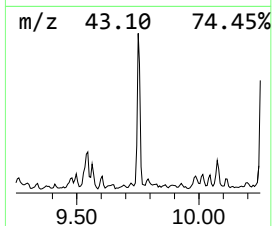
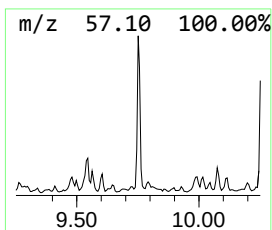
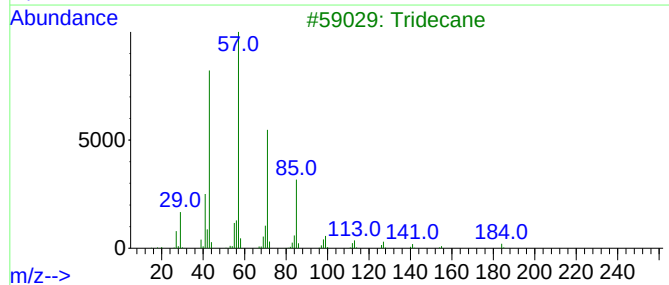
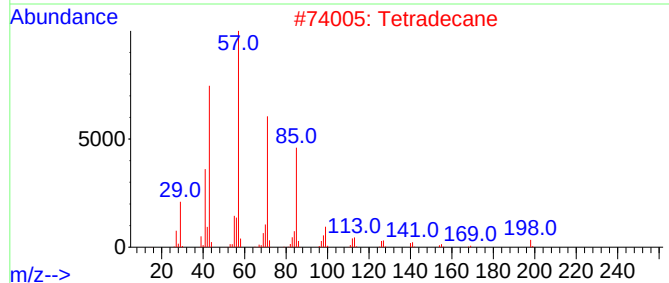
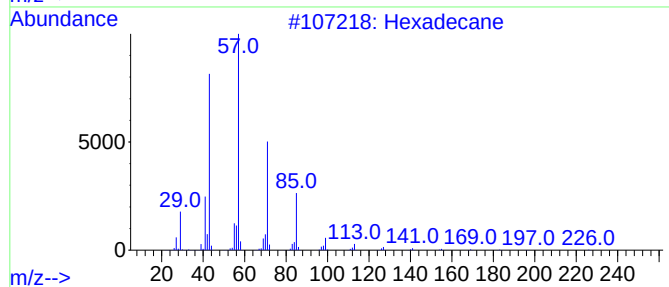
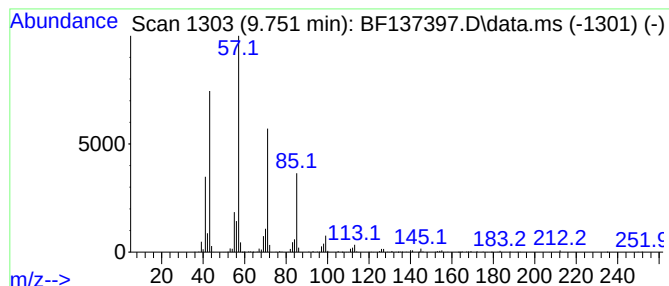
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	7.01 ng	458376	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Heptadecane	240	C17H36	000629-78-7	83
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

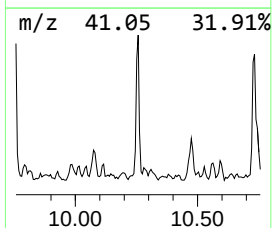
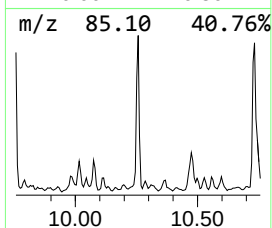
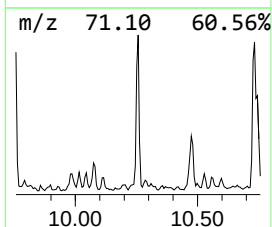
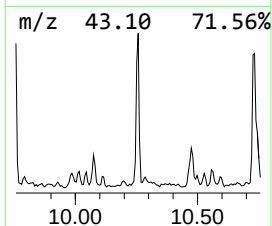
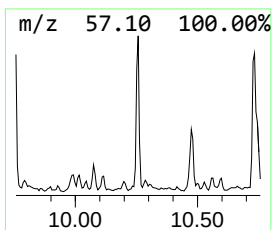
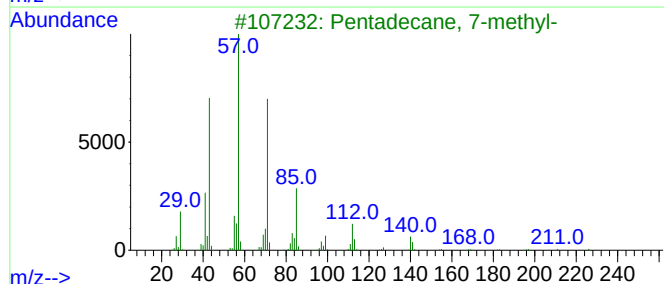
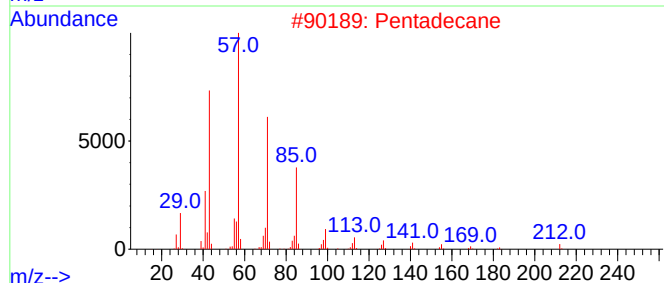
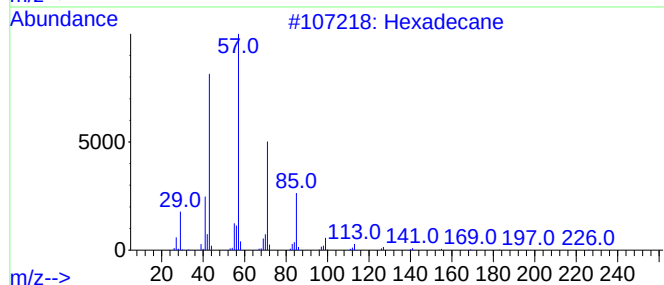
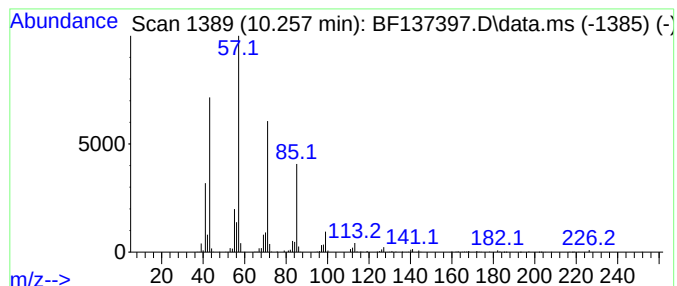
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	6.29 ng	410743	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Pentadecane	212	C15H32	000629-62-9	90
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
4			Heptadecane	240	C17H36	000629-78-7	83
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

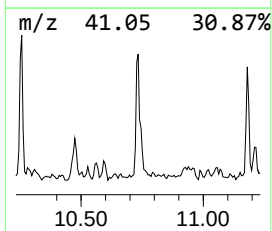
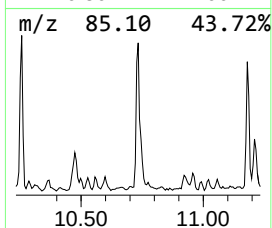
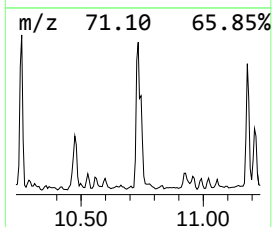
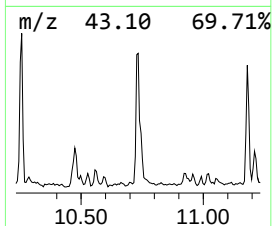
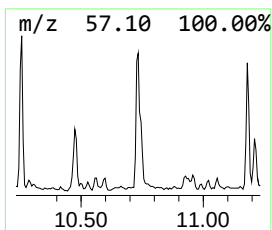
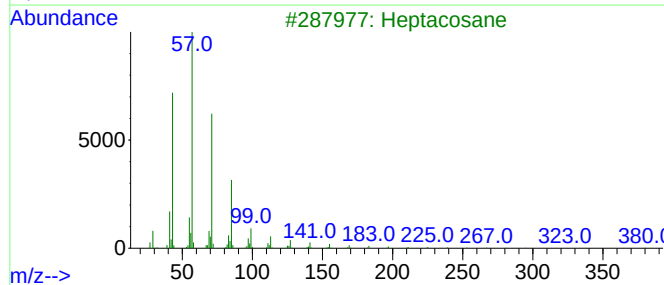
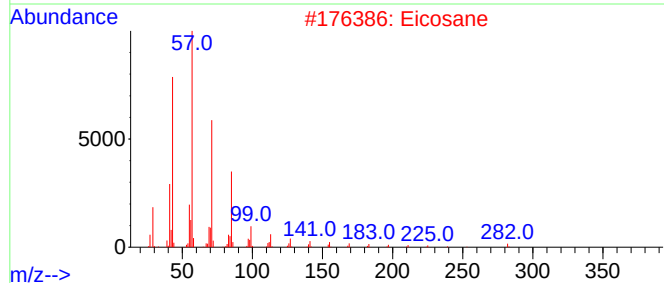
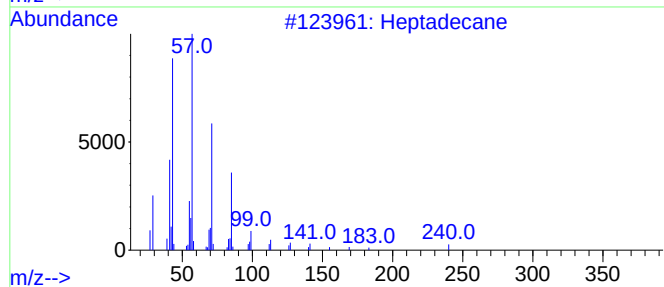
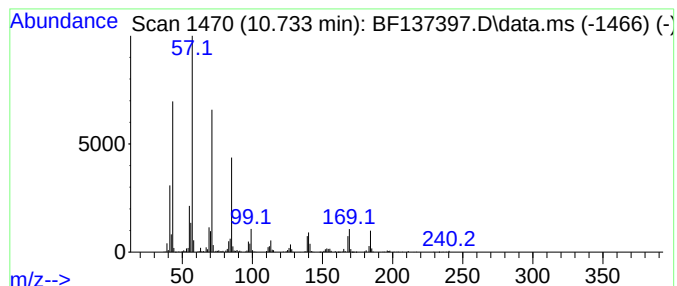
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	14.40 ng	690633	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Eicosane	282	C20H42	000112-95-8	68
3			Heptacosane	380	C27H56	000593-49-7	68
4			Octacosane	394	C28H58	000630-02-4	64
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

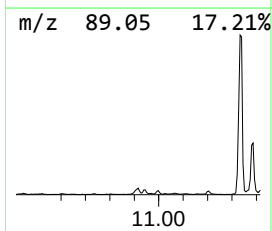
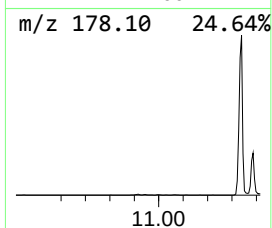
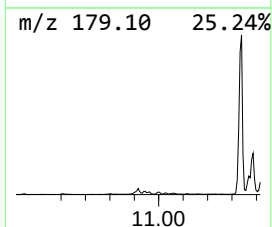
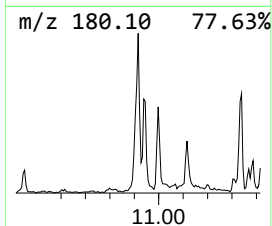
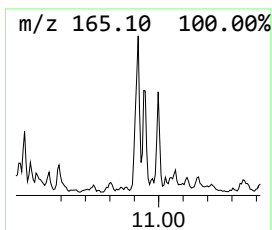
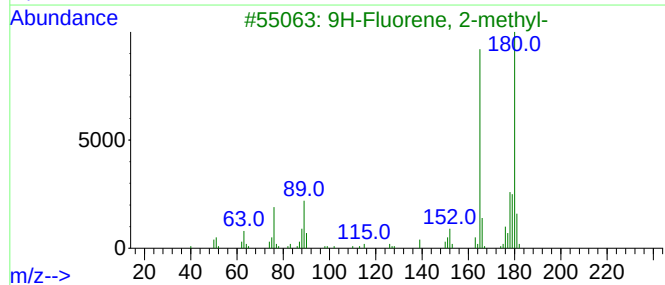
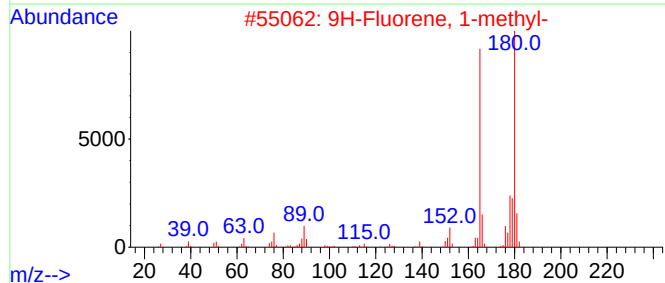
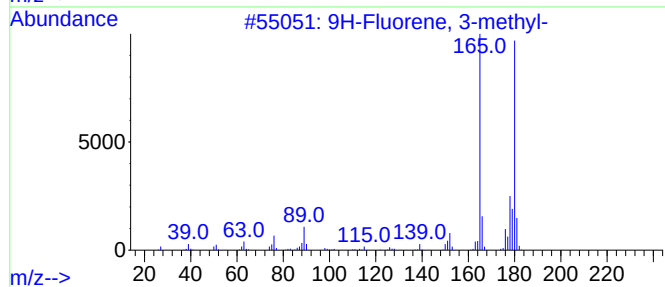
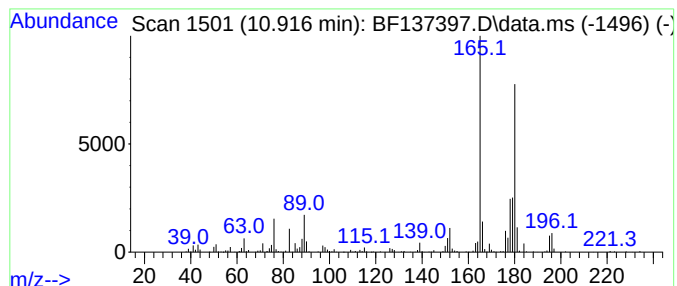
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9H-Fluorene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	6.95 ng	333398	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

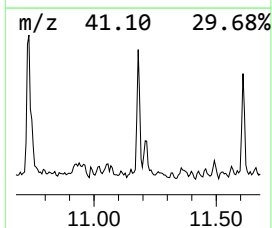
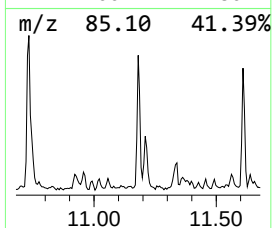
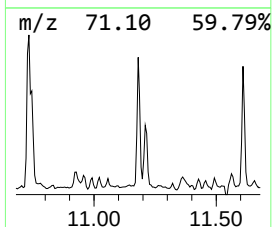
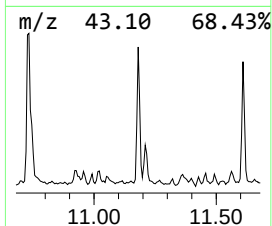
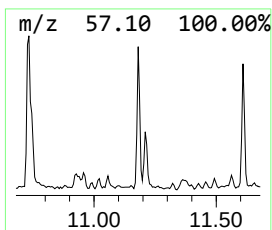
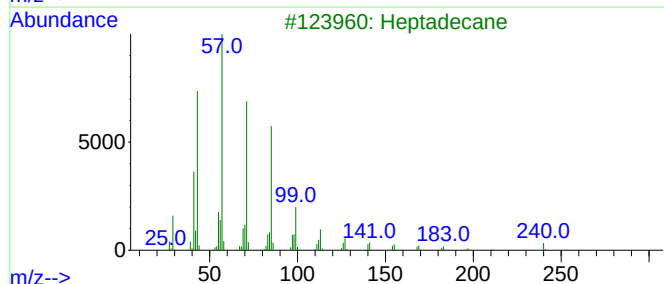
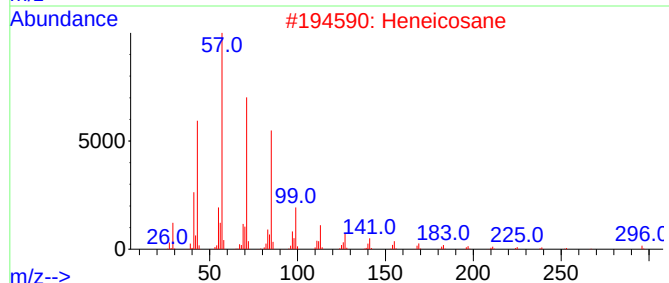
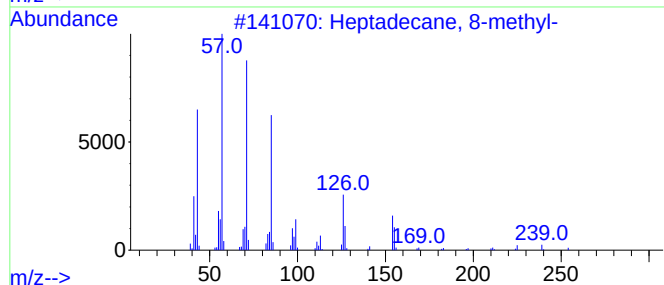
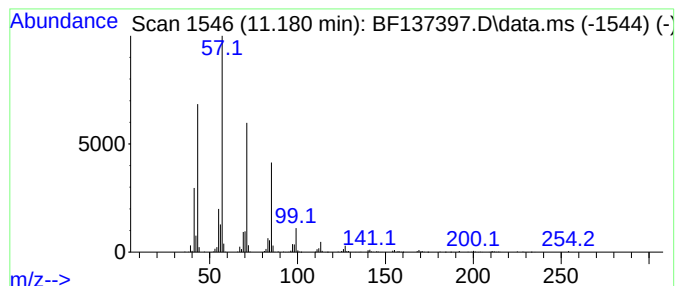
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane, 8-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	7.85 ng	376576	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

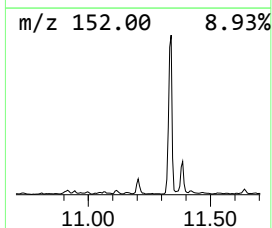
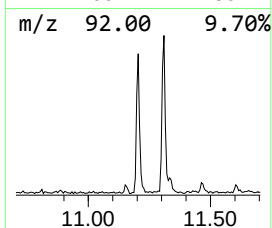
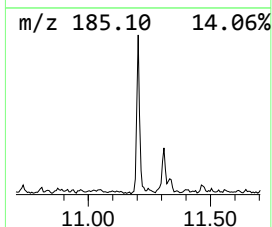
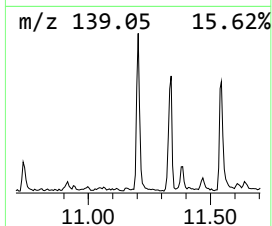
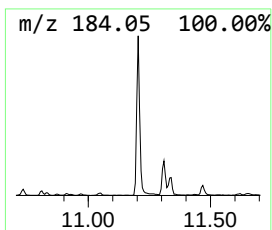
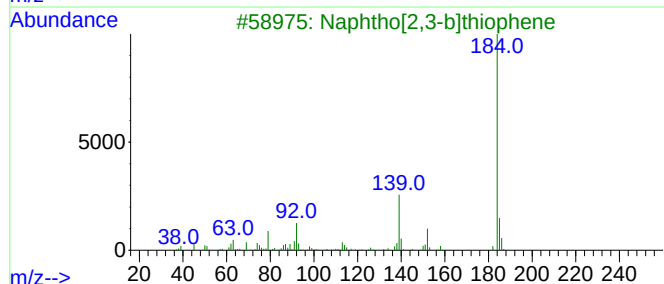
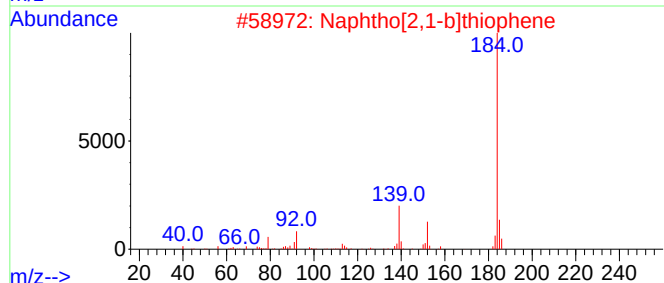
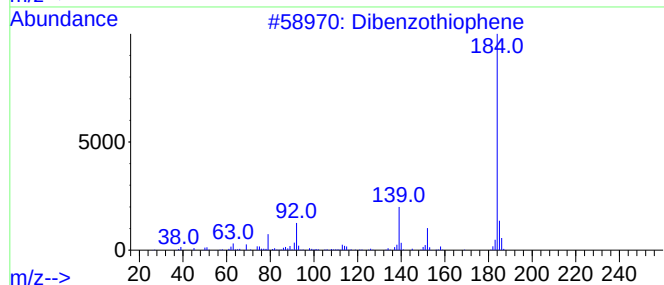
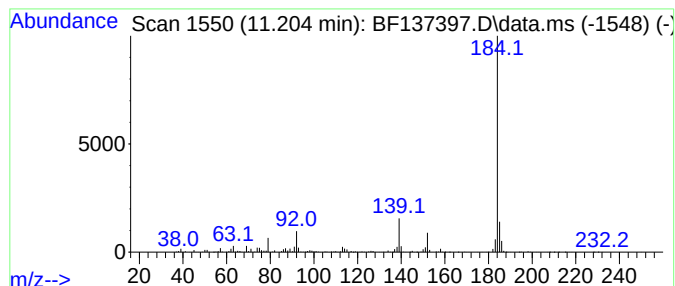
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	15.81 ng	758363	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

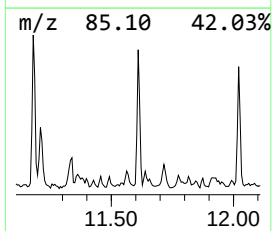
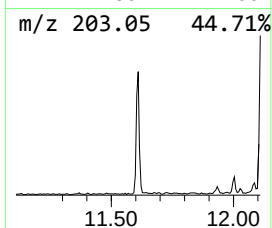
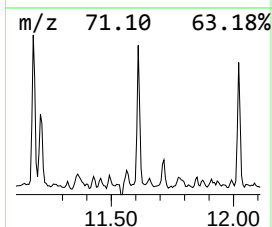
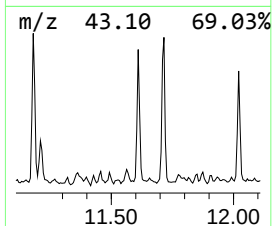
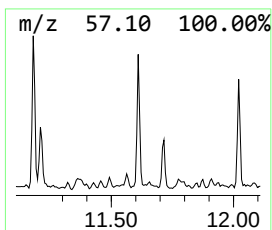
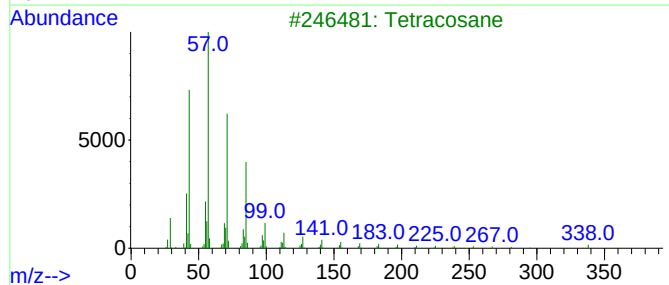
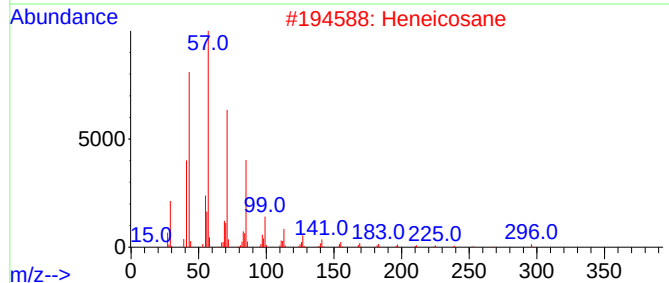
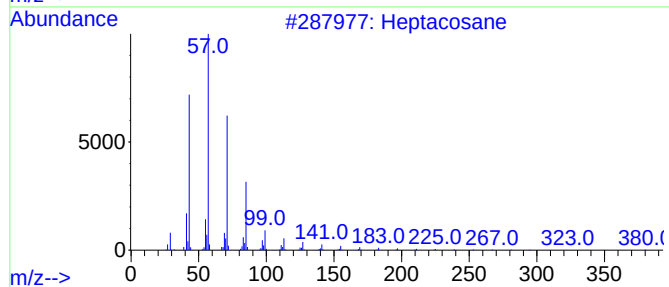
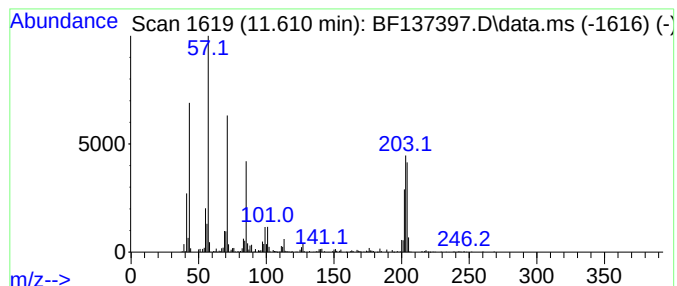
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown11.610 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	9.23 ng	442757	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	41
2			Heneicosane	296	C21H44	000629-94-7	41
3			Tetracosane	338	C24H50	000646-31-1	41
4			Tridecane	184	C13H28	000629-50-5	38
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

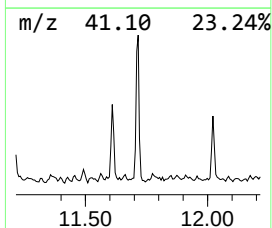
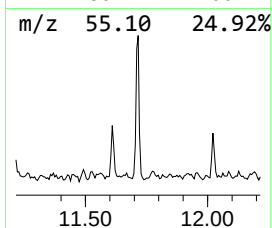
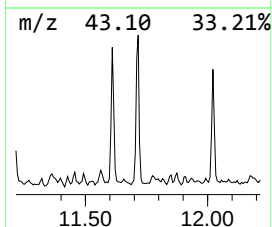
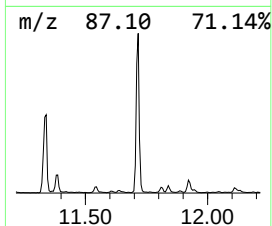
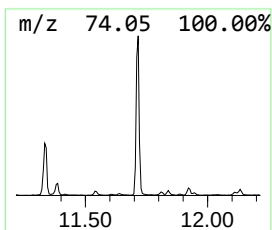
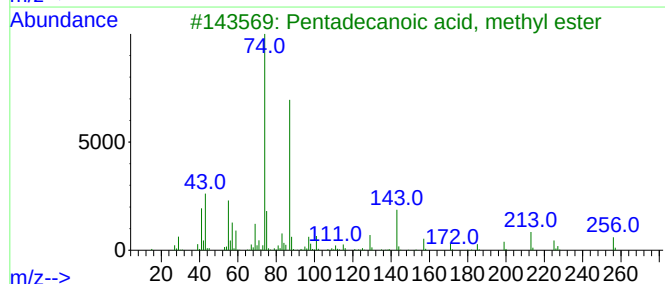
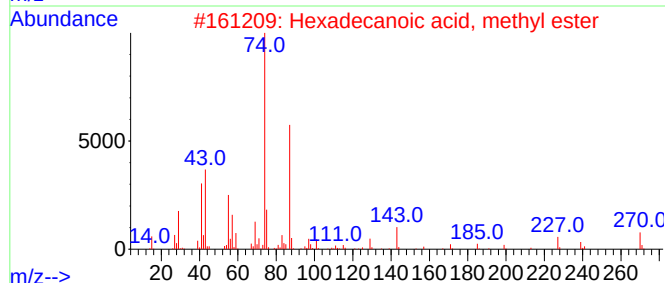
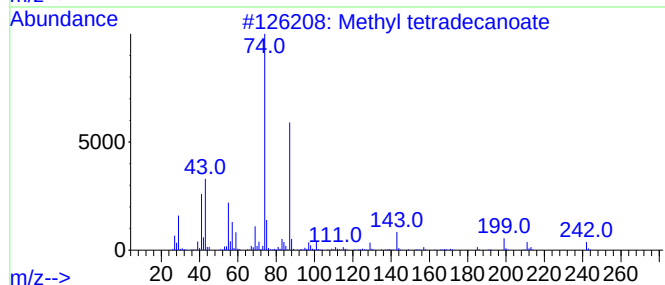
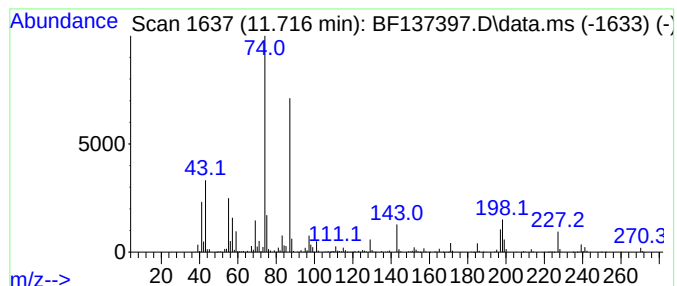
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Methyl tetradecanoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	20.51 ng	983988	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
2			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	83
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	64
4			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	64
5			Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

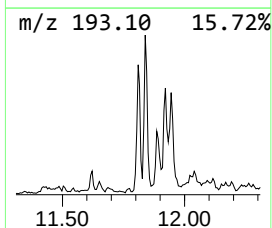
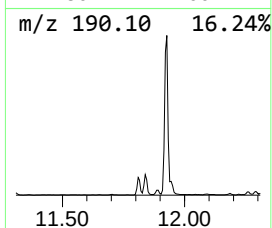
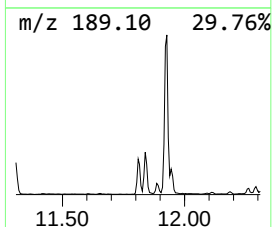
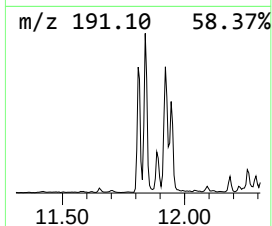
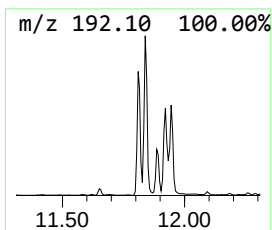
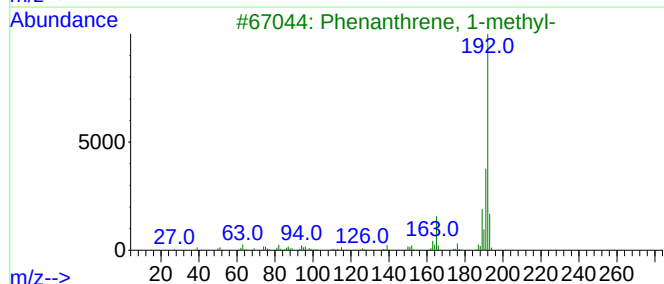
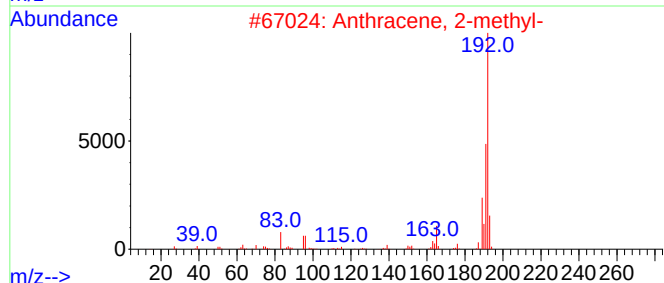
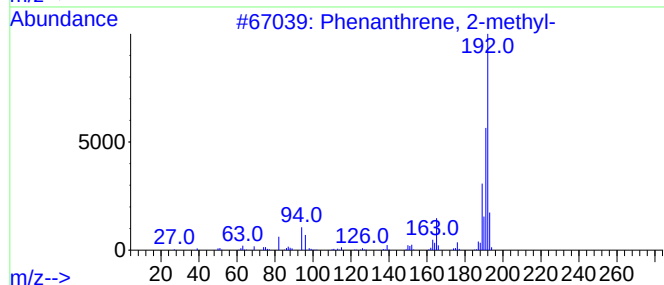
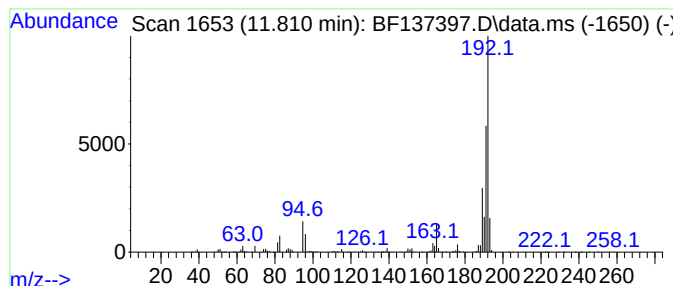
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	16.13 ng	773791	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

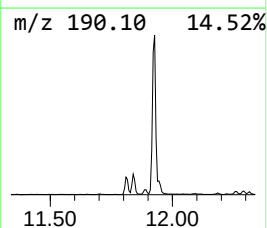
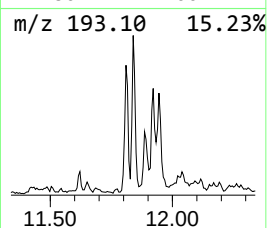
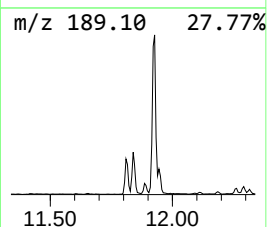
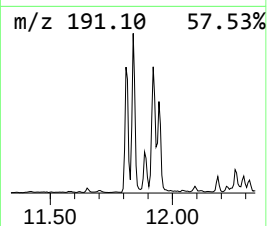
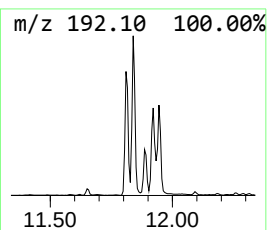
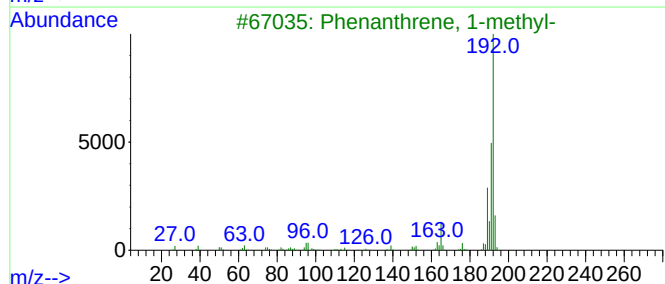
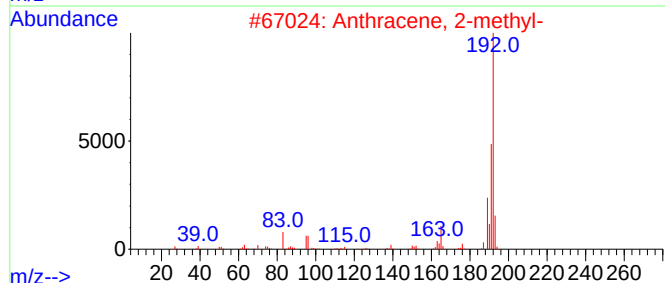
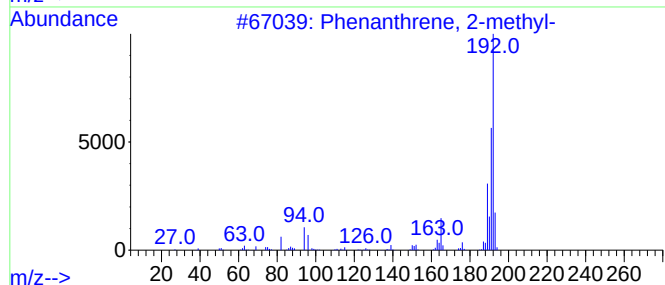
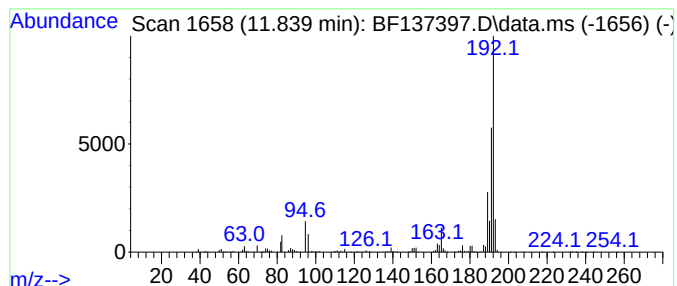
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	17.67 ng	847628	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

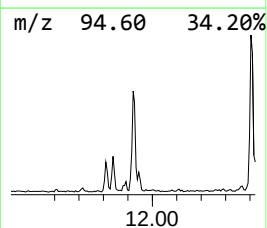
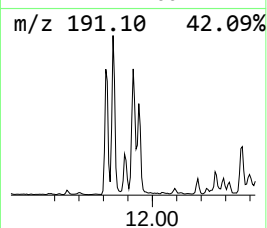
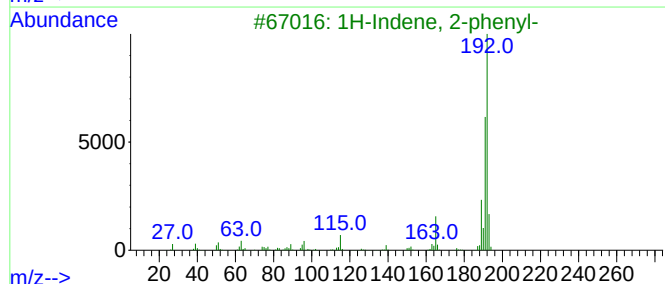
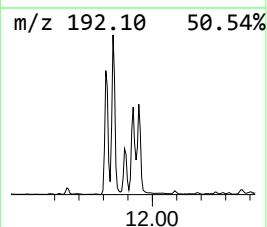
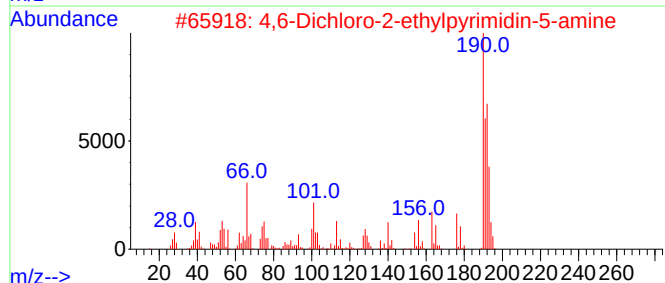
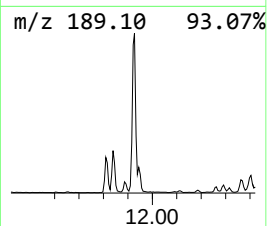
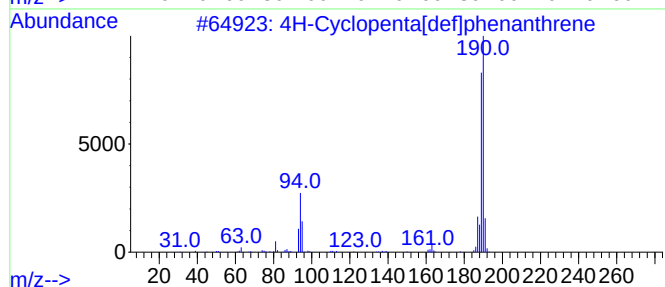
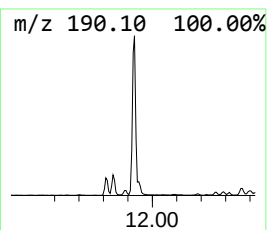
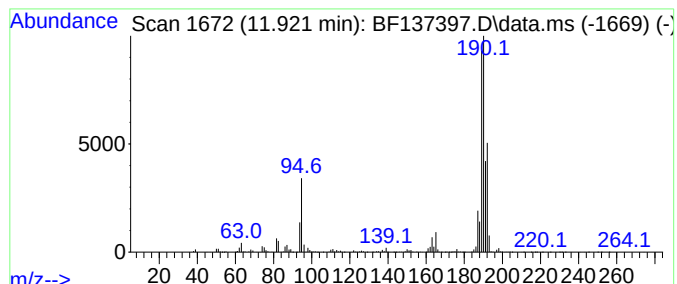
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	34.37 ng	1648670	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	38
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
5			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

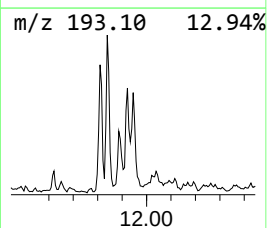
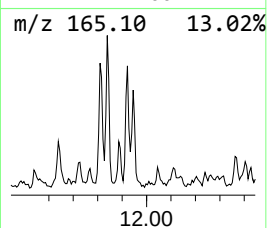
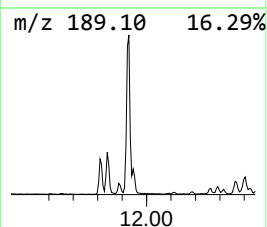
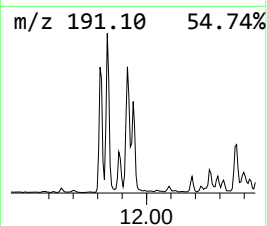
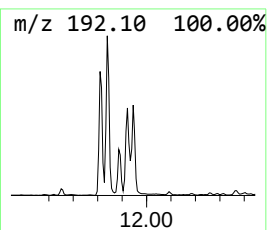
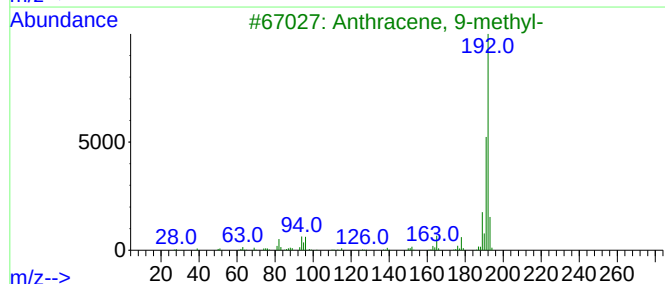
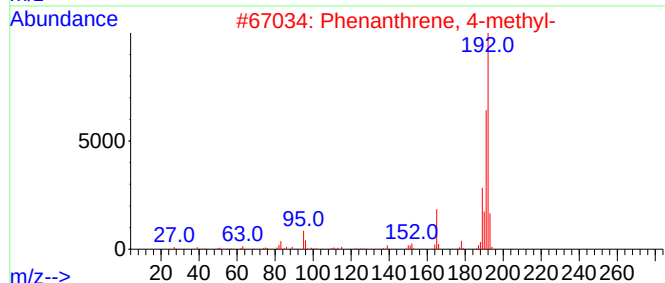
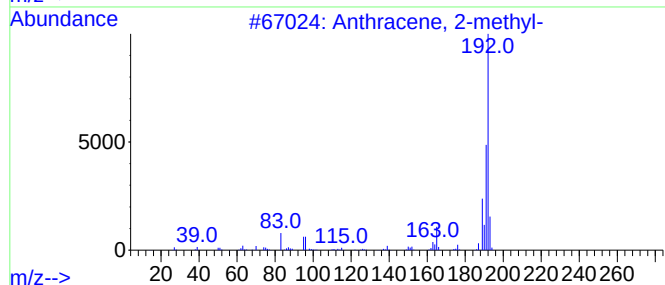
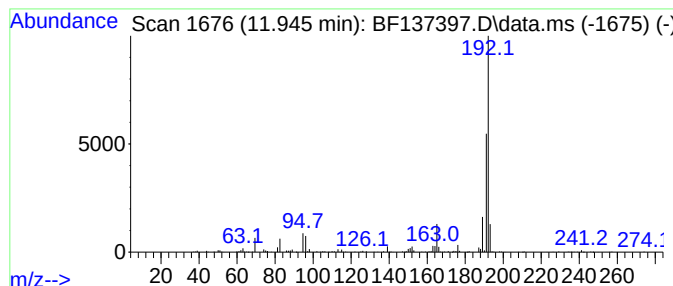
Instrument :
BNA_F
ClientSampleId :
NB-07-022224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.945	9.03 ng	432986	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	93
2	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	91
3	Anthracene, 9-methyl-		192	C15H12	000779-02-2	90
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	90
5	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

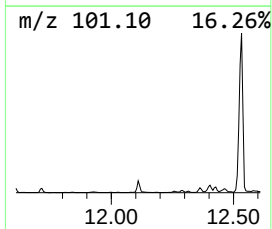
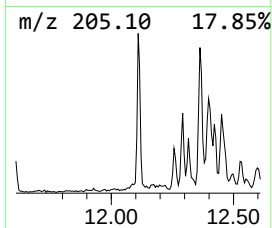
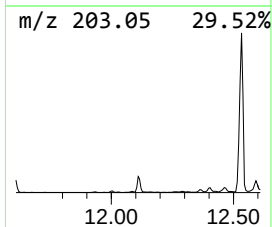
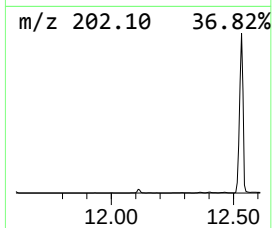
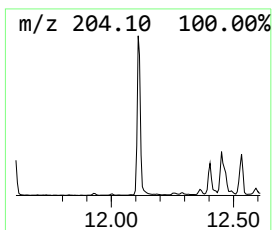
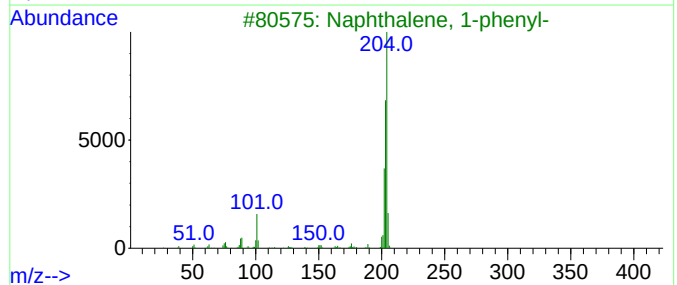
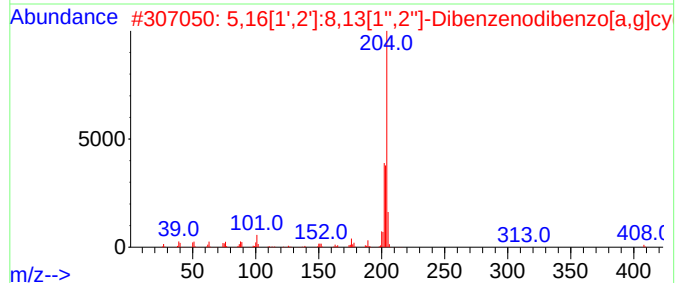
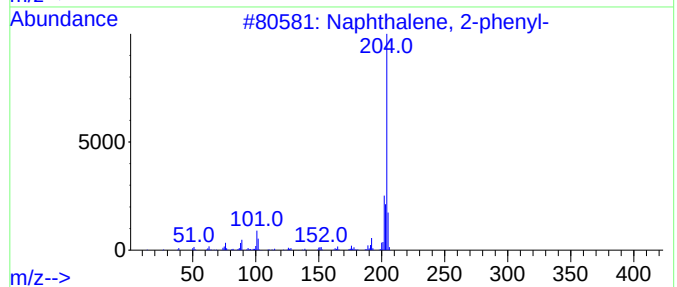
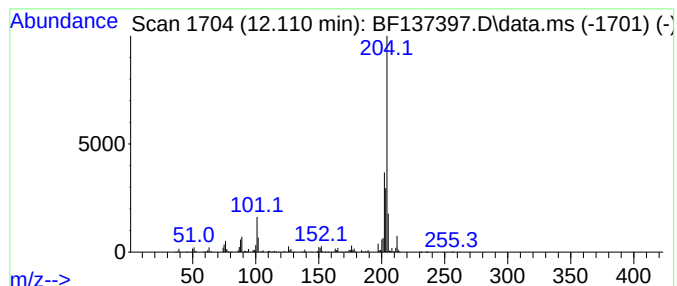
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	10.18 ng	488492	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

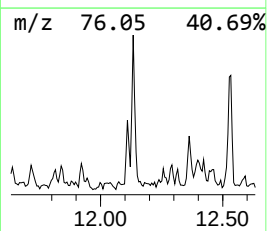
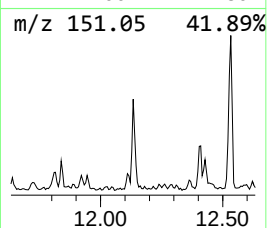
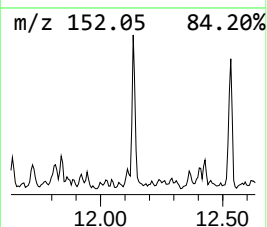
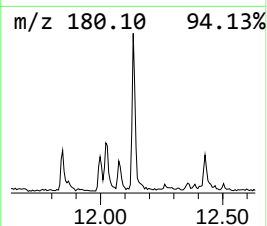
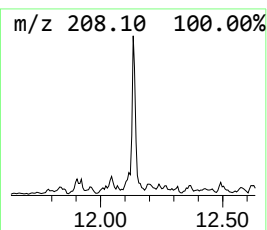
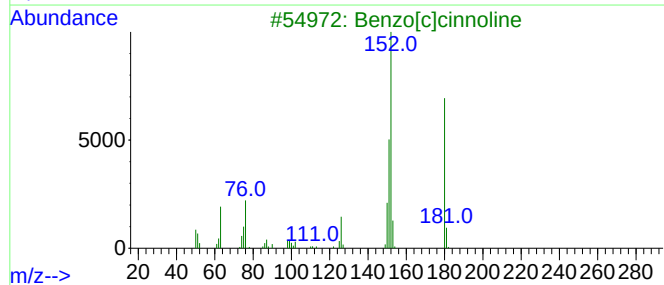
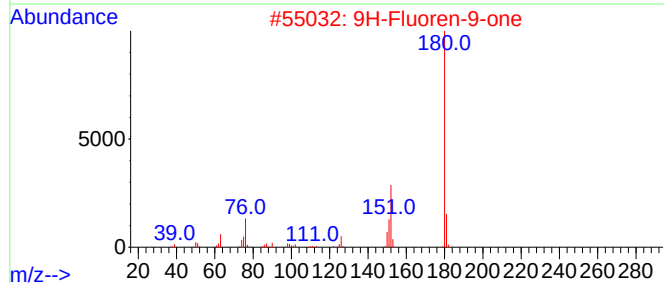
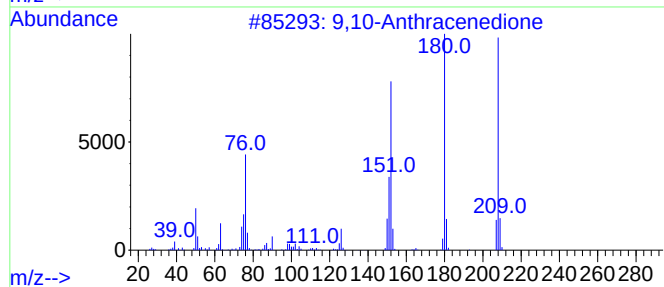
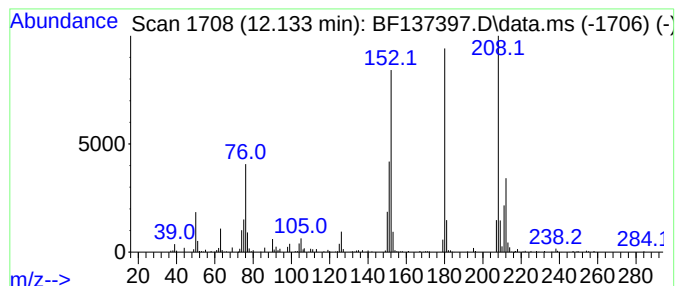
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	7.18 ng	344531	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5			1,4-Anthracenedione	208	C14H8O2	000635-12-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

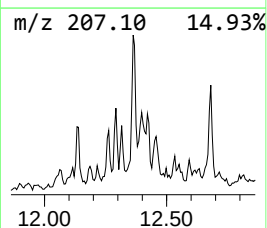
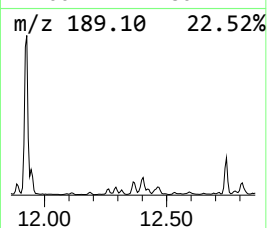
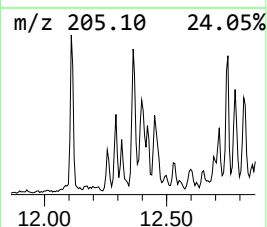
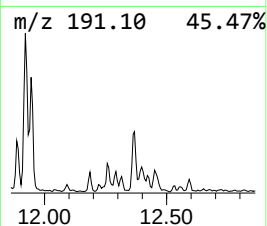
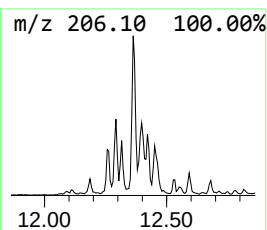
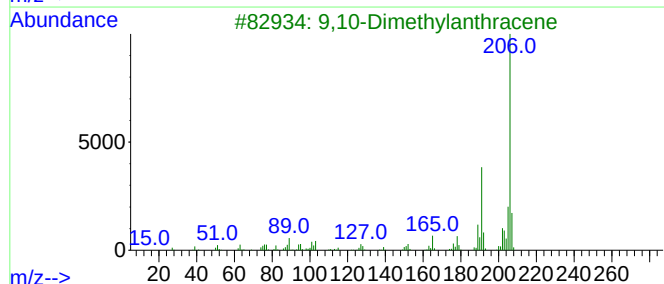
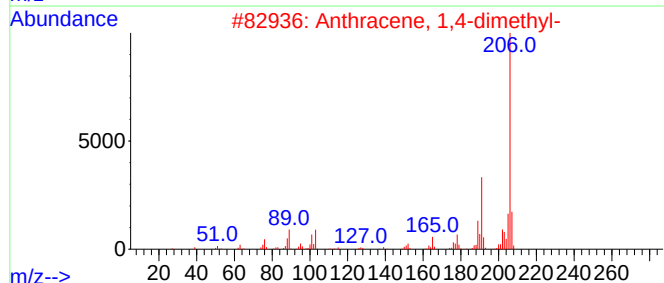
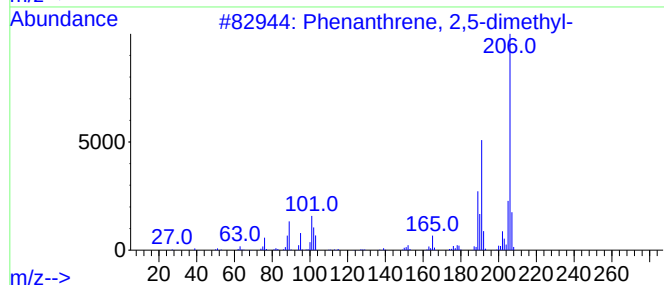
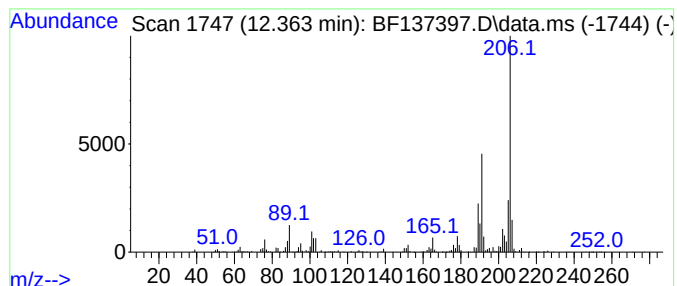
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	10.02 ng	480632	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

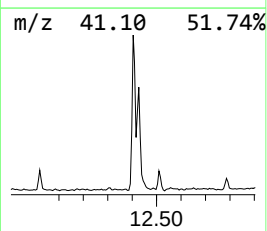
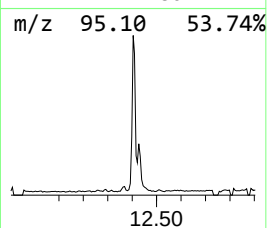
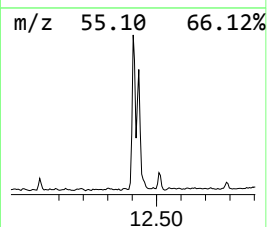
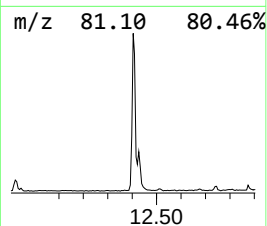
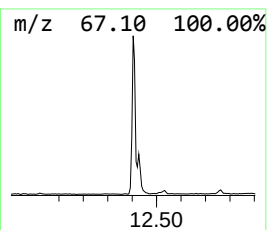
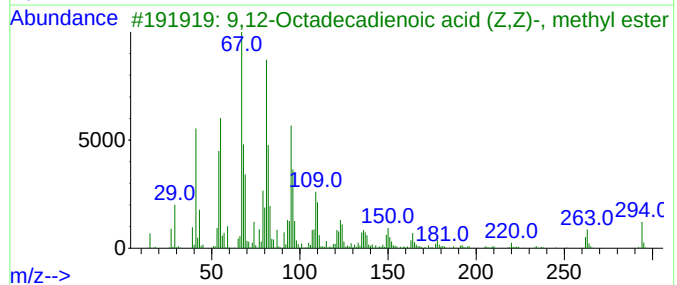
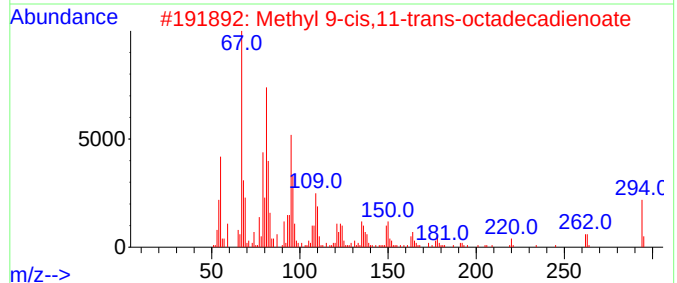
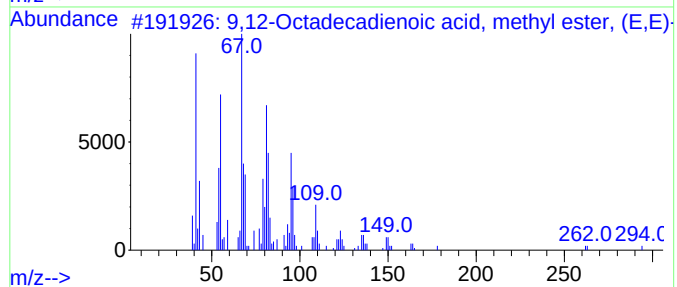
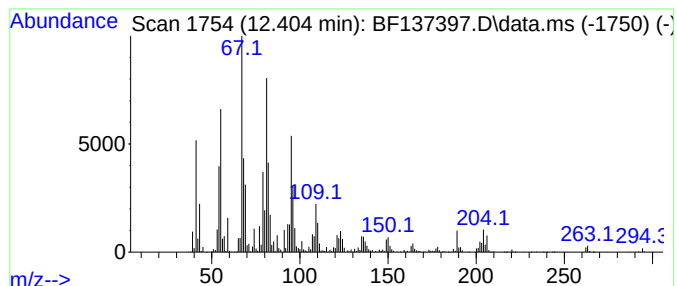
Instrument :
BNA_F
ClientSampleId :
NB-07-022224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	65.66 ng	3149380	Phenanthrene-d10	11.310
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
2		Methyl 9-cis,11-trans-octadecadi...	294 C19H34O2	013058-52-1 99
3		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 98
4		8,11-Octadecadienoic acid, methy...	294 C19H34O2	056599-58-7 98
5		11,14-Octadecadienoic acid, meth...	294 C19H34O2	056554-61-1 98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

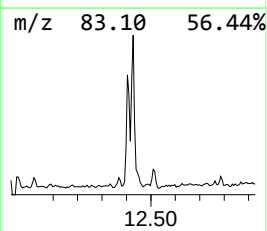
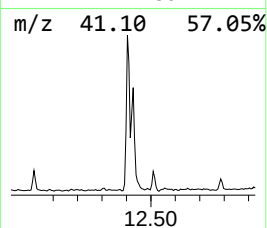
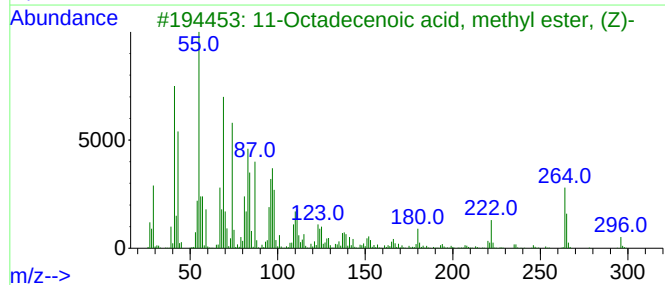
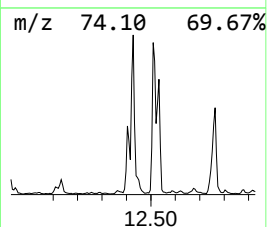
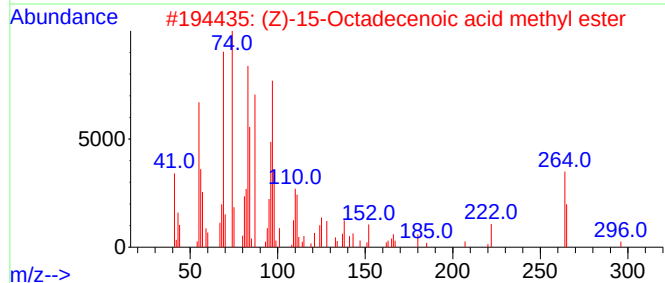
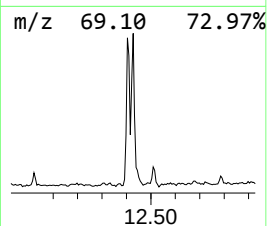
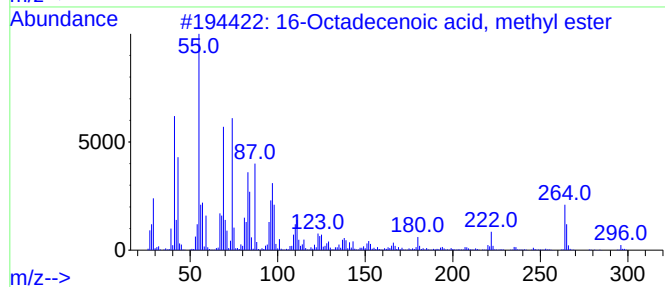
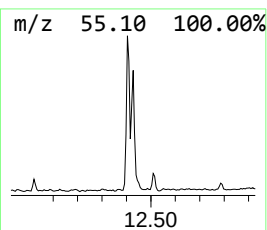
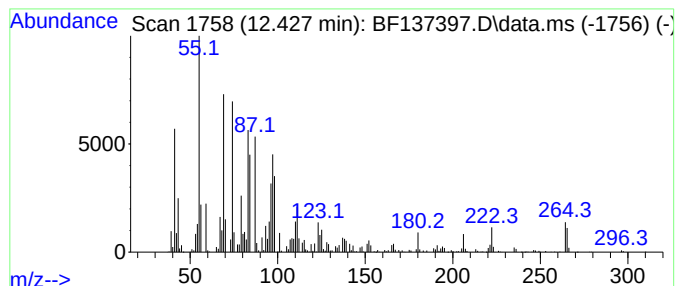
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 16-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	38.16 ng	1830470	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
2		(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93
3		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	91
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

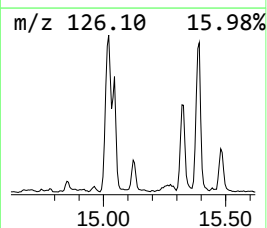
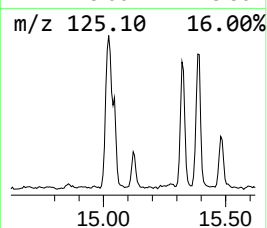
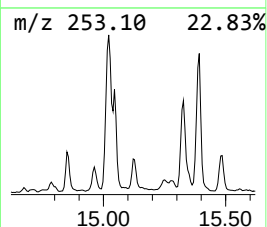
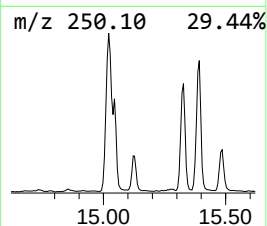
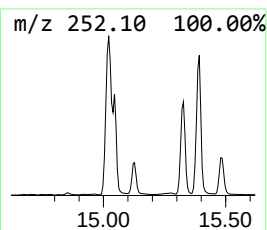
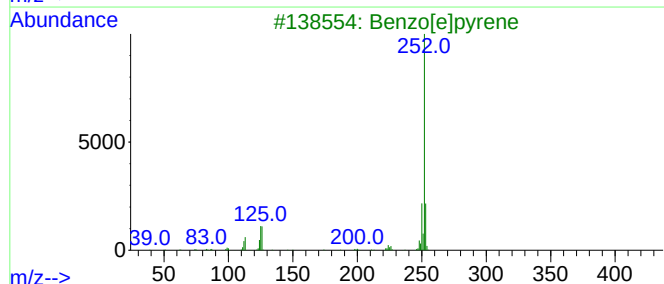
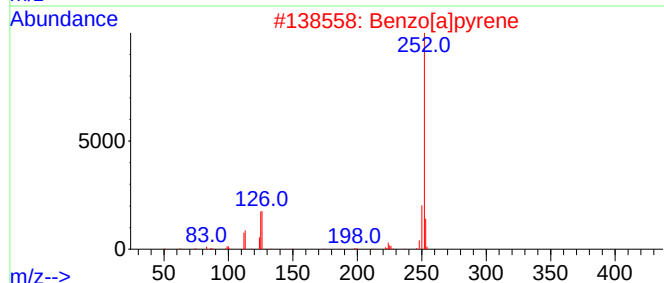
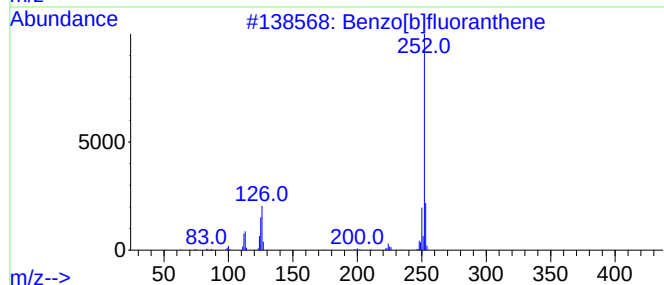
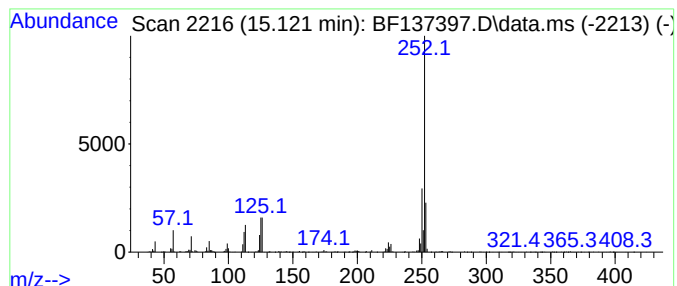
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	14.39 ng	641805	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
2			Benzo[a]pyrene	252	C20H12	000050-32-8	95
3			Benzo[e]pyrene	252	C20H12	000192-97-2	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

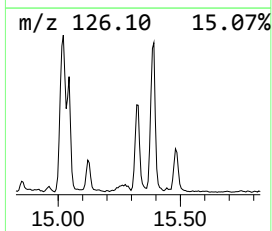
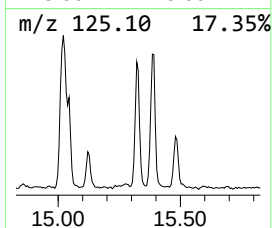
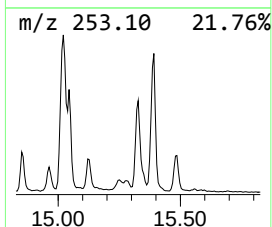
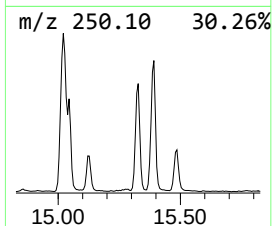
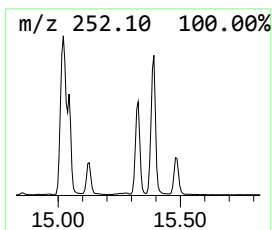
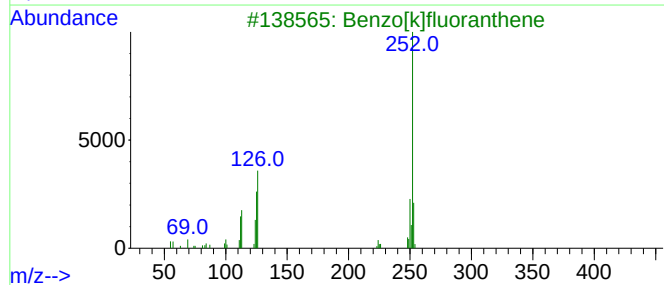
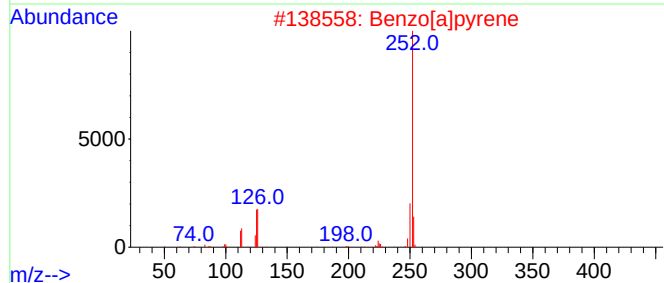
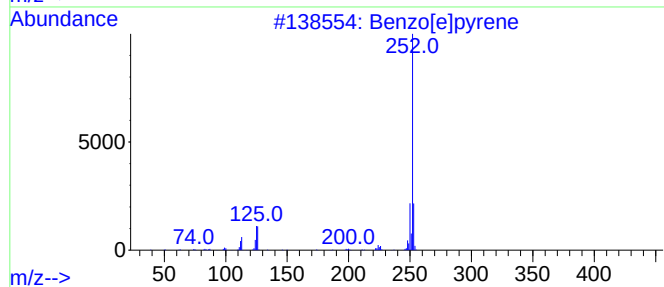
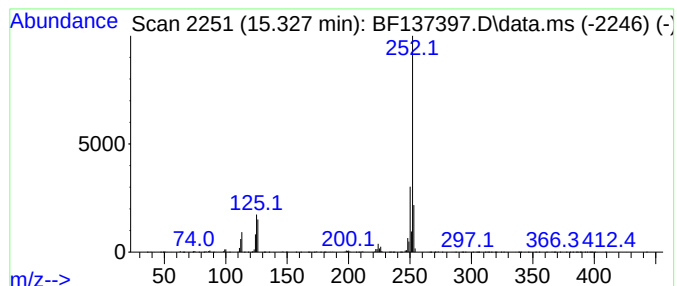
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	40.00 ng	1784410	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137397.D
Acq On : 26 Feb 2024 21:01
Operator : CG\JU
Sample : P1573-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-022224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	9.475	7.3	ng	480174	3	9.816	1306950	20.0
Hexadecane	9.751	7.0	ng	458376	3	9.816	1306950	20.0
Pentadecane	10.257	6.3	ng	410743	3	9.816	1306950	20.0
Heptadecane	10.733	14.4	ng	690633	4	11.310	959294	20.0
9H-Fluorene, 3-...	10.916	7.0	ng	333398	4	11.310	959294	20.0
Heptadecane, 8-...	11.180	7.8	ng	376576	4	11.310	959294	20.0
Dibenzothiophene	11.204	15.8	ng	758363	4	11.310	959294	20.0
unknown11.610	11.610	9.2	ng	442757	4	11.310	959294	20.0
Methyl tetradec...	11.716	20.5	ng	983988	4	11.310	959294	20.0
Phenanthrene, 2...	11.810	16.1	ng	773791	4	11.310	959294	20.0
Anthracene, 2-m...	11.839	17.7	ng	847628	4	11.310	959294	20.0
4H-Cyclopenta[d...	11.921	34.4	ng	1648670	4	11.310	959294	20.0
Phenanthrene, 4...	11.945	9.0	ng	432986	4	11.310	959294	20.0
Naphthalene, 2-...	12.110	10.2	ng	488492	4	11.310	959294	20.0
9,10-Anthracene...	12.133	7.2	ng	344531	4	11.310	959294	20.0
Phenanthrene, 2...	12.363	10.0	ng	480632	4	11.310	959294	20.0
9,12-Octadecadi...	12.404	65.7	ng	3149380	4	11.310	959294	20.0
16-Octadecenoic...	12.427	38.2	ng	1830470	4	11.310	959294	20.0
Benzo[e]pyrene	15.121	14.4	ng	641805	6	15.451	892246	20.0
Perylene	15.327	40.0	ng	1784410	6	15.451	892246	20.0