

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133727.D
 Acq On : 13 Jun 2023 13:10
 Operator : CG\JU
 Sample : 03103-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-8-060823

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-BF060923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133727.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.445	566	571	574	rBV	1172843	1141605	19.12%	2.706%
2	6.457	739	743	746	rBV	1308847	1083213	18.14%	2.567%
3	6.833	803	807	811	rBV	702734	569893	9.54%	1.351%
4	7.392	899	902	905	rVV	925298	733275	12.28%	1.738%
5	7.428	905	908	912	rVV	183012	145806	2.44%	0.346%
6	7.481	912	917	919	rVB4	44361	60490	1.01%	0.143%
7	7.639	940	944	947	rVB3	52896	60314	1.01%	0.143%
8	7.863	978	982	984	rBV3	48599	67322	1.13%	0.160%
9	8.098	1019	1022	1023	rVV	296542	289281	4.84%	0.686%
10	8.116	1023	1025	1027	rVV	846376	635369	10.64%	1.506%
11	8.139	1027	1029	1031	rVV	135427	122992	2.06%	0.291%
12	8.175	1031	1035	1038	rVB2	124650	127174	2.13%	0.301%
13	8.404	1069	1074	1081	rBV5	88852	126737	2.12%	0.300%
14	8.492	1087	1089	1092	rBV3	68417	73752	1.24%	0.175%
15	8.533	1092	1096	1098	rBV	139229	105671	1.77%	0.250%
16	8.622	1107	1111	1113	rBV	110838	100246	1.68%	0.238%
17	8.704	1122	1125	1129	rBV	387466	290037	4.86%	0.687%
18	8.827	1144	1146	1149	rVB	101394	75091	1.26%	0.178%
19	8.939	1160	1165	1167	rBV2	96230	121812	2.04%	0.289%
20	9.069	1183	1187	1191	rVB3	68601	89858	1.50%	0.213%
21	9.133	1196	1198	1200	rVV	129165	98417	1.65%	0.233%
22	9.192	1204	1208	1211	rBV	1318731	1078630	18.07%	2.556%
23	9.269	1218	1221	1226	rBV	391526	340700	5.71%	0.807%
24	9.457	1249	1253	1256	rVB2	62097	83688	1.40%	0.198%
25	9.592	1271	1276	1278	rBV4	145441	157369	2.64%	0.373%
26	9.616	1278	1280	1283	rVB2	67597	59984	1.00%	0.142%
27	9.651	1283	1286	1289	rBV2	79223	68745	1.15%	0.163%
28	9.733	1297	1300	1304	rBV4	46801	60613	1.02%	0.144%
29	9.798	1309	1311	1316	rVV	330703	290303	4.86%	0.688%
30	9.869	1320	1323	1326	rVV	589044	537963	9.01%	1.275%
31	9.904	1326	1329	1332	rVB	166201	120586	2.02%	0.286%
32	10.074	1353	1358	1363	rVB	143114	176140	2.95%	0.417%
33	10.122	1363	1366	1370	rBV3	71192	94378	1.58%	0.224%
34	10.298	1394	1396	1399	rVB	307172	255639	4.28%	0.606%
35	10.422	1413	1417	1422	rBV	240594	220911	3.70%	0.524%
36	10.521	1429	1434	1441	rBV	100851	152351	2.55%	0.361%

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Max Peaks: 100

Stop Thrs : 0

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.580	1441	1444	1447	rVV2	85799	91695	1.54%	0.217%
38	10.657	1452	1457	1461	rBV	648533	601540	10.07%	1.426%
39	10.774	1474	1477	1486	rVB	315191	355574	5.96%	0.843%
40	11.221	1550	1553	1556	rBV	215314	189843	3.18%	0.450%
41	11.257	1556	1559	1565	rVB	148630	156997	2.63%	0.372%
42	11.363	1573	1577	1579	rBV	538891	564582	9.46%	1.338%
43	11.386	1579	1581	1584	rVV	1088950	811616	13.59%	1.924%
44	11.433	1587	1589	1592	rVB	323113	275995	4.62%	0.654%
45	11.592	1613	1616	1623	rVB	85374	100796	1.69%	0.239%
46	11.651	1623	1626	1629	rBV2	213455	180506	3.02%	0.428%
47	11.757	1640	1644	1647	rBV	2214157	1824266	30.55%	4.324%
48	11.863	1659	1662	1664	rBV	111978	91417	1.53%	0.217%
49	11.886	1664	1666	1670	rVV	320808	298509	5.00%	0.707%
50	11.974	1678	1681	1684	rVV	322273	322582	5.40%	0.765%
51	12.063	1692	1696	1700	rBV2	178245	166868	2.79%	0.395%
52	12.157	1710	1712	1715	rVB	92050	76767	1.29%	0.182%
53	12.415	1753	1756	1758	rBV	83832	95298	1.60%	0.226%
54	12.451	1758	1762	1764	rVV	4933049	5970735	100.00%	14.151%
55	12.474	1764	1766	1772	rVV	4316031	4033466	67.55%	9.560%
56	12.551	1775	1779	1781	rVV	1125551	1032339	17.29%	2.447%
57	12.580	1781	1784	1793	rVV	1864688	2068204	34.64%	4.902%
58	12.674	1797	1800	1806	rVV4	99545	152846	2.56%	0.362%
59	12.727	1807	1809	1813	rVV	69900	76478	1.28%	0.181%
60	12.810	1817	1823	1828	rVB	1482451	1760203	29.48%	4.172%
61	12.857	1828	1831	1836	rVB2	66536	89615	1.50%	0.212%
62	12.927	1840	1843	1844	rBV	89294	78594	1.32%	0.186%
63	12.951	1844	1847	1850	rVB	1253625	975276	16.33%	2.311%
64	13.027	1855	1860	1863	rBV3	100121	170878	2.86%	0.405%
65	13.139	1876	1879	1881	rVB	283595	260453	4.36%	0.617%
66	13.180	1883	1886	1887	rBV	101420	81590	1.37%	0.193%
67	13.204	1887	1890	1893	rVV	377789	328689	5.51%	0.779%
68	13.239	1893	1896	1899	rVV2	151731	141714	2.37%	0.336%
69	13.274	1899	1902	1904	rVB2	88654	76411	1.28%	0.181%
70	13.333	1909	1912	1915	rVV	81463	62282	1.04%	0.148%
71	13.362	1915	1917	1919	rVV2	88288	82830	1.39%	0.196%
72	13.386	1919	1921	1924	rVV3	83625	79297	1.33%	0.188%
73	13.433	1927	1929	1936	rVB5	54195	60849	1.02%	0.144%
74	13.521	1942	1944	1949	rBV3	60766	88682	1.49%	0.210%
75	13.615	1958	1960	1963	rBV3	54322	63436	1.06%	0.150%
76	13.757	1981	1984	1986	rBV	134563	118768	1.99%	0.281%

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Stop Thrs : 0

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Peak separation: 5

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77	13.786	1986	1989	1991	rVV	129646	120742	2.02%	0.286%
78	13.810	1991	1993	1998	rVV2	120899	169525	2.84%	0.402%
79	13.851	1998	2000	2008	rVB2	132032	151097	2.53%	0.358%
80	13.945	2014	2016	2019	rVB2	91351	84725	1.42%	0.201%
81	14.004	2019	2026	2029	rVV2	1150196	1721449	28.83%	4.080%
82	14.039	2029	2032	2037	rVB	854547	854219	14.31%	2.025%
83	14.115	2042	2045	2048	rVV	225191	188065	3.15%	0.446%
84	14.151	2048	2051	2053	rVV	90017	96571	1.62%	0.229%
85	14.221	2061	2063	2068	rVB2	66156	106142	1.78%	0.252%
86	14.392	2088	2092	2095	rVB	141897	151954	2.54%	0.360%
87	14.427	2096	2098	2101	rVB	81008	68171	1.14%	0.162%
88	14.492	2105	2109	2111	rVV2	92439	112204	1.88%	0.266%
89	14.521	2111	2114	2115	rBV	96590	78543	1.32%	0.186%
90	14.539	2115	2117	2120	rVB2	165001	129454	2.17%	0.307%
91	14.574	2120	2123	2125	rBV3	68942	74965	1.26%	0.178%
92	14.786	2156	2159	2162	rBV	60921	65857	1.10%	0.156%
93	15.051	2199	2204	2207	rBV	732978	1130934	18.94%	2.680%
94	15.156	2219	2222	2226	rVB	156156	159695	2.67%	0.378%
95	15.351	2252	2255	2261	rVB	428948	543682	9.11%	1.289%
96	15.415	2261	2266	2272	rBV	654219	821175	13.75%	1.946%
97	15.474	2272	2276	2279	rVV	381293	508164	8.51%	1.204%
98	15.509	2279	2282	2288	rVB	210855	276014	4.62%	0.654%
99	16.939	2520	2525	2533	rVB2	214152	422761	7.08%	1.002%
100	17.386	2596	2601	2609	rVB	143331	282261	4.73%	0.669%

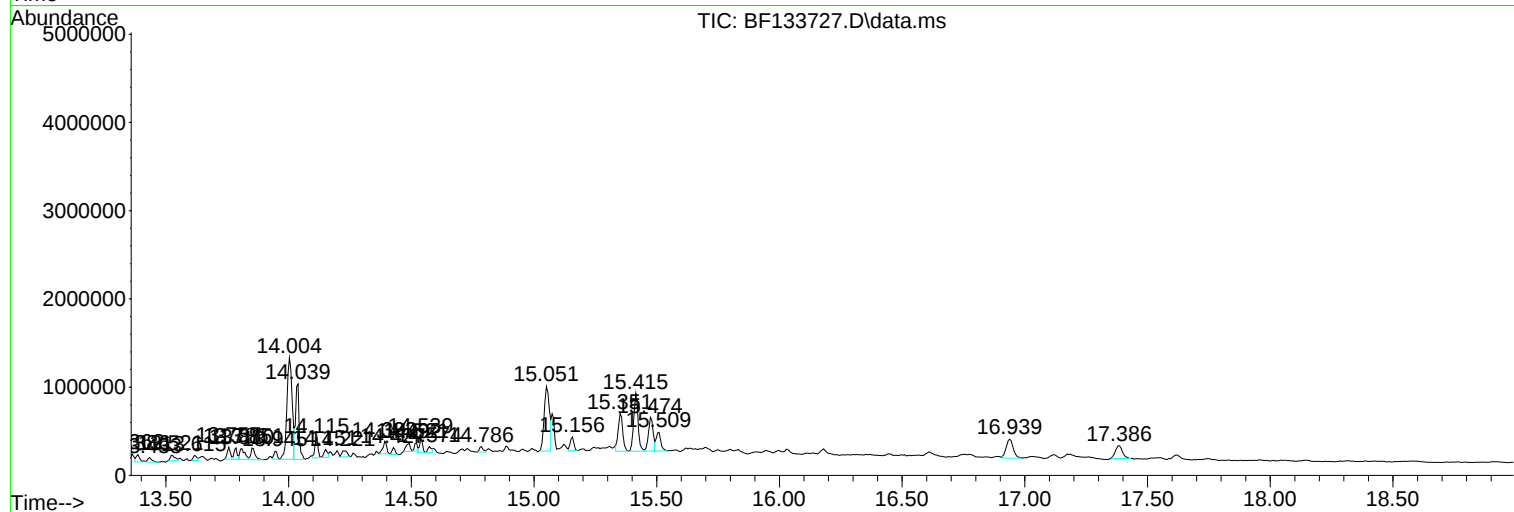
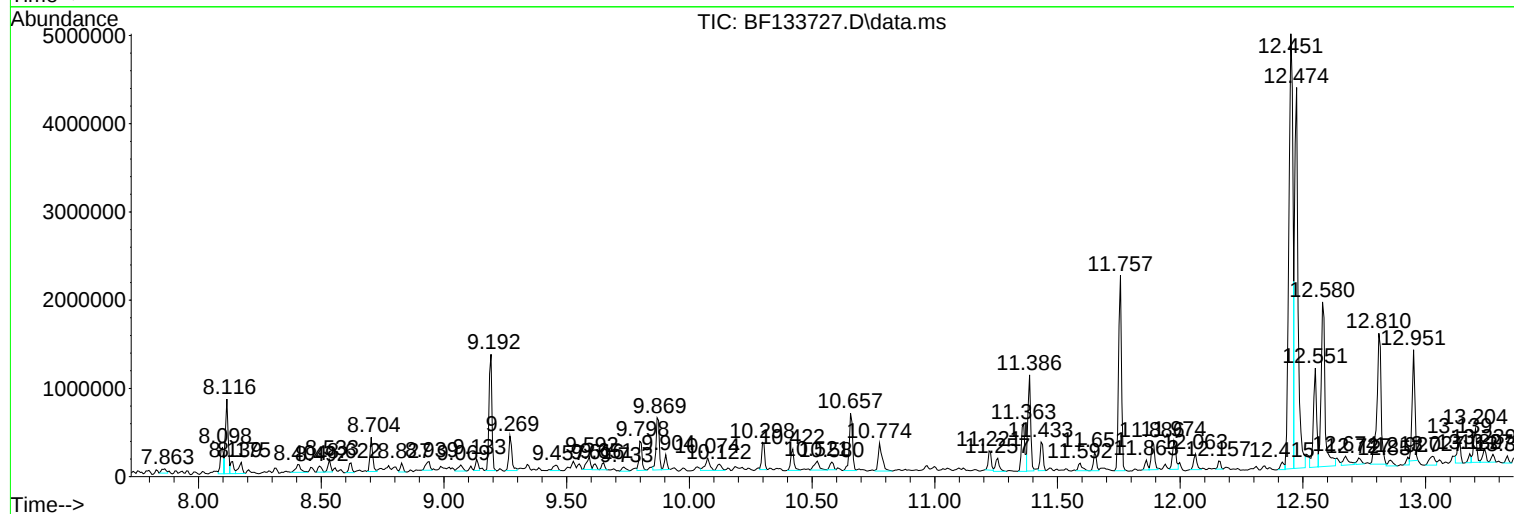
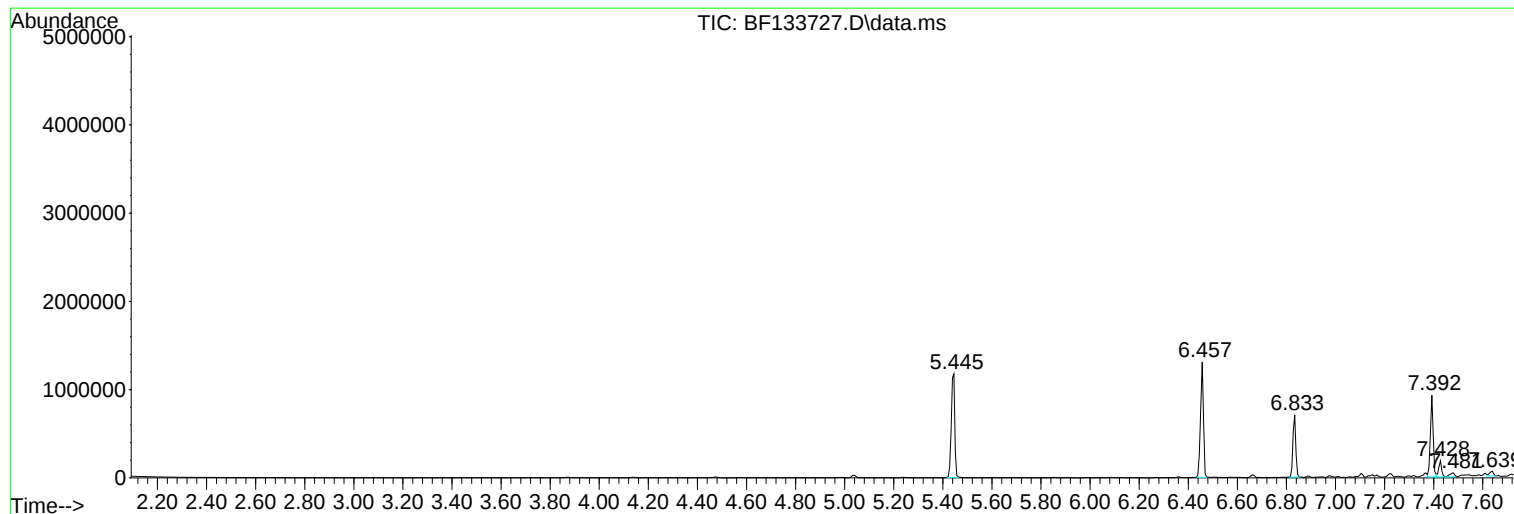
Sum of corrected areas: 42193210

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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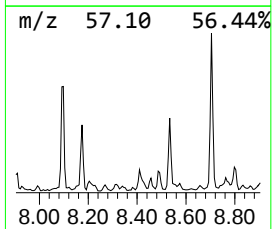
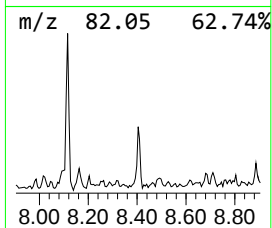
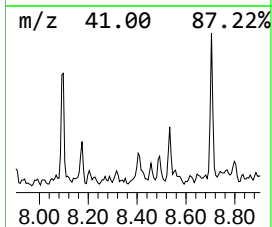
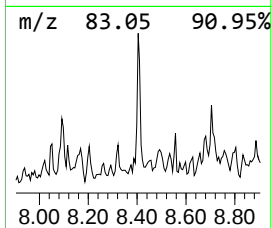
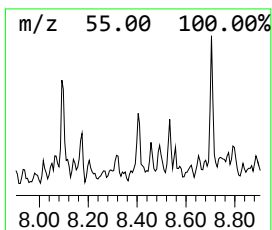
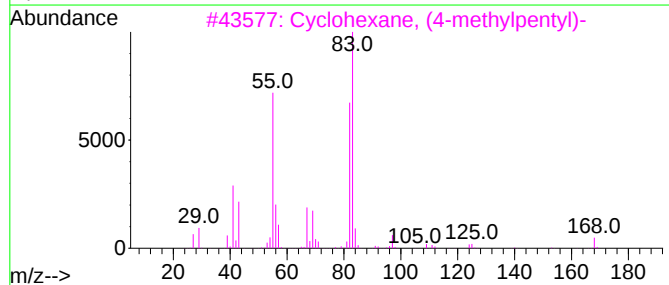
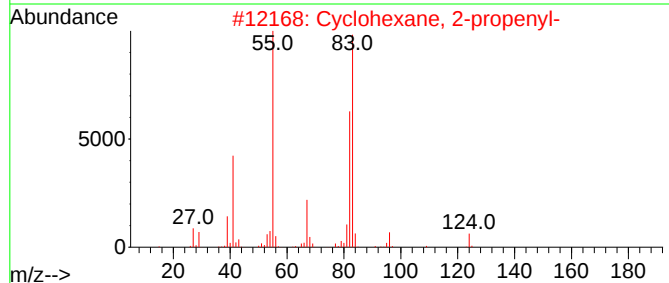
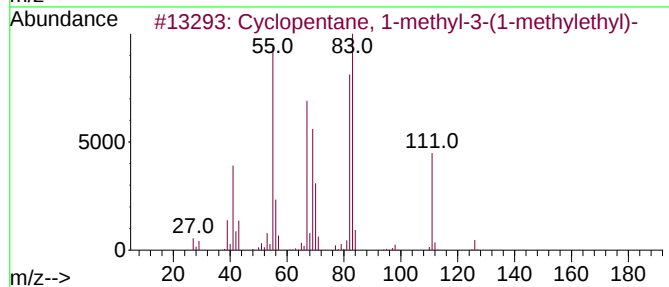
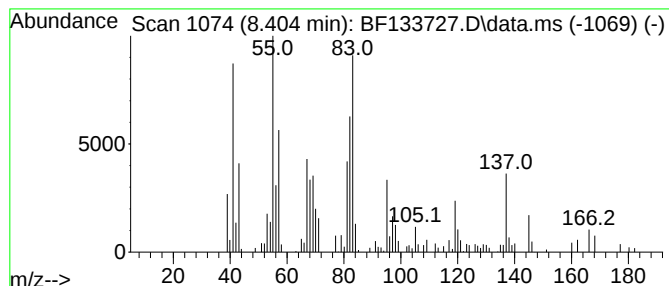
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.404 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.404	3.99 ng	126737	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	49
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38



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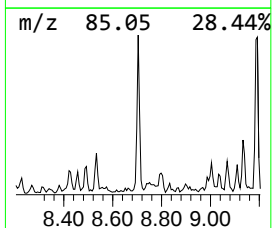
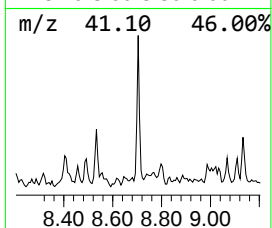
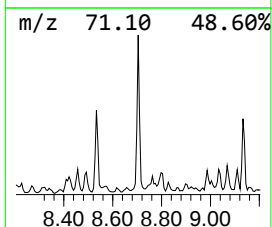
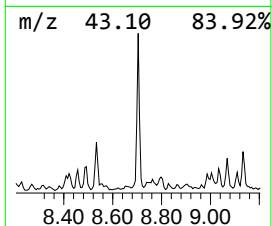
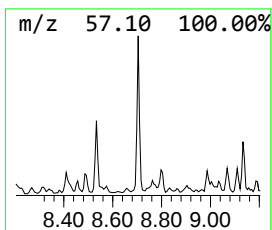
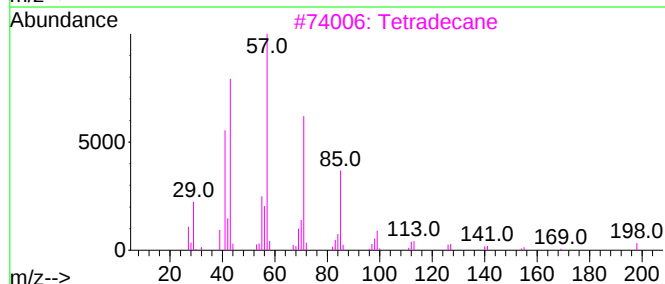
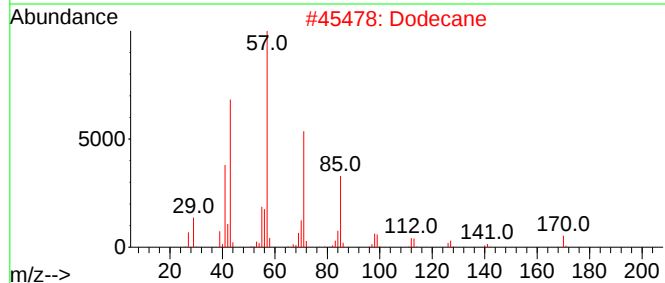
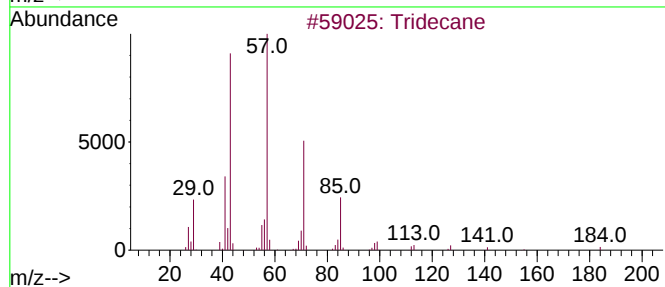
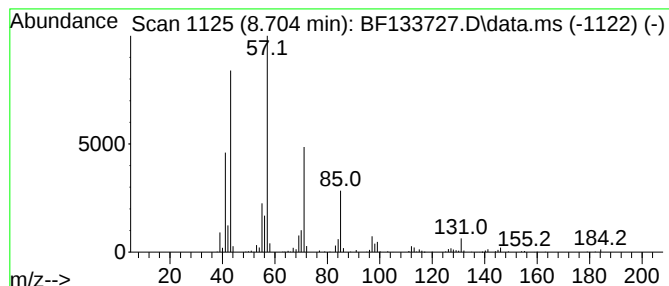
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.704	9.13 ng	290037	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Dodecane	170	C12H26	000112-40-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Hexadecane	226	C16H34	000544-76-3	80
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76



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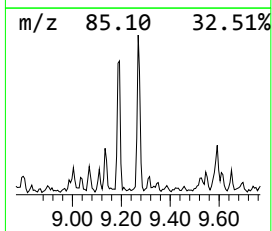
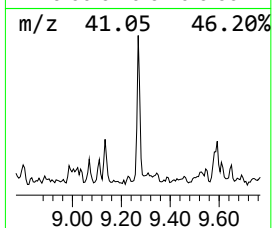
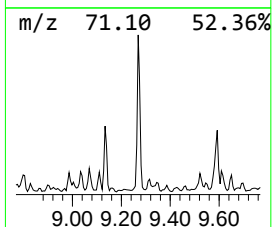
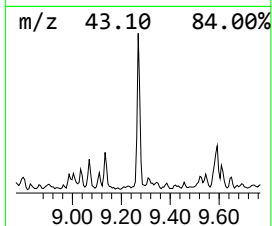
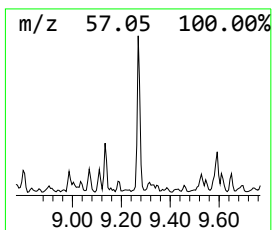
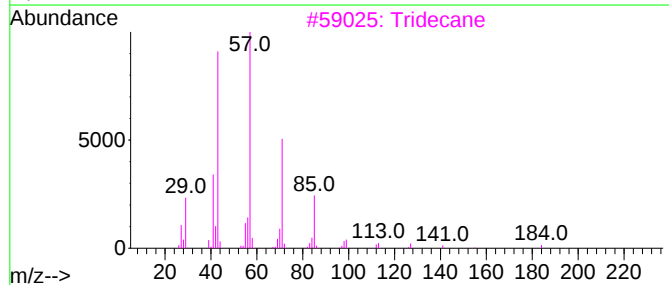
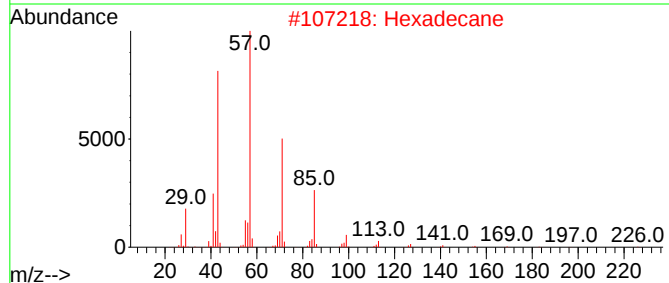
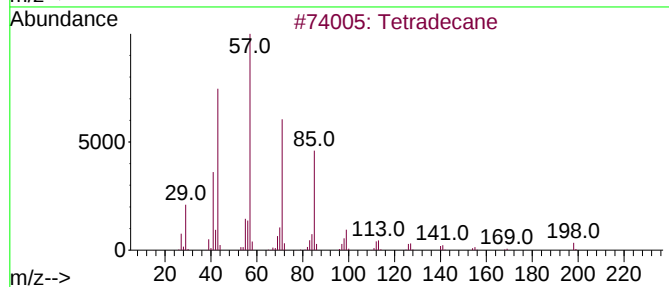
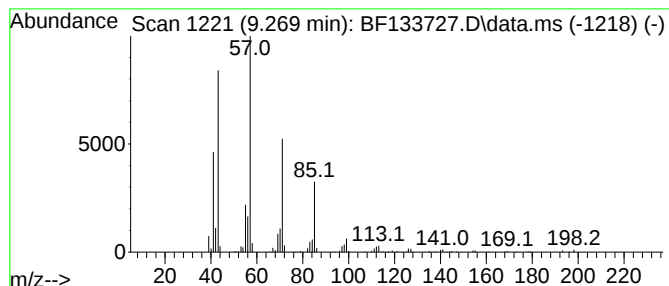
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	12.67 ng	340700	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823

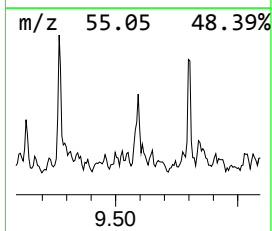
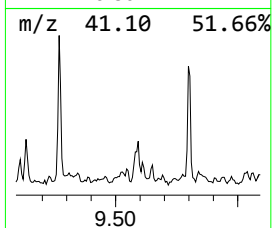
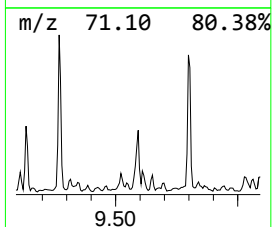
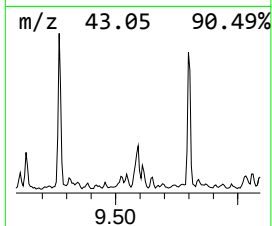
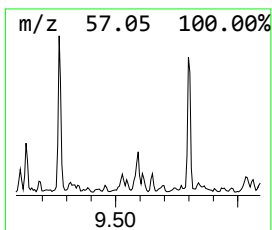
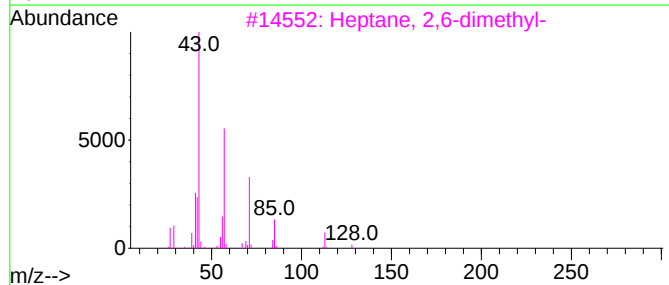
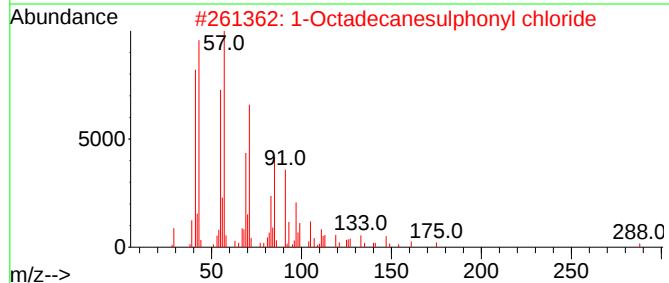
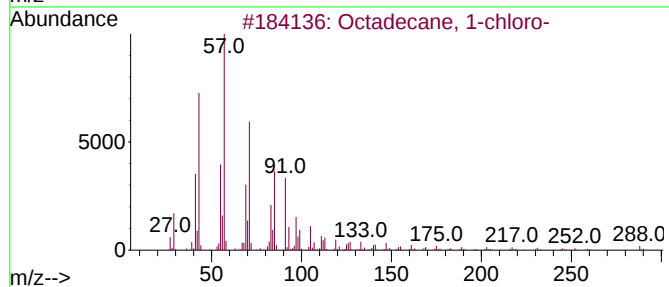
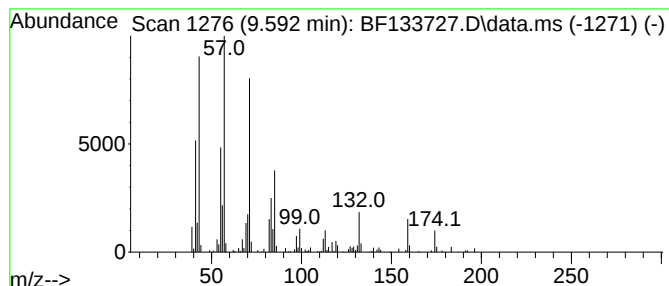
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	5.85 ng	157369	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
3			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	70
4			Nonadecane	268	C19H40	000629-92-5	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
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Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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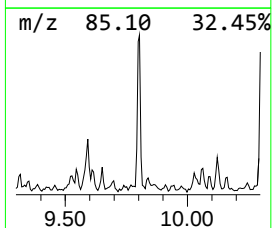
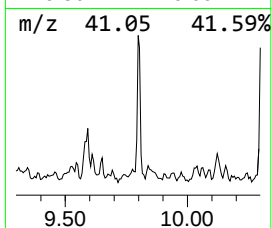
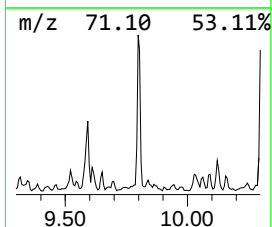
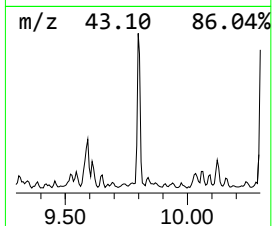
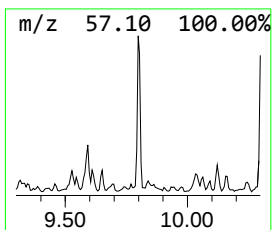
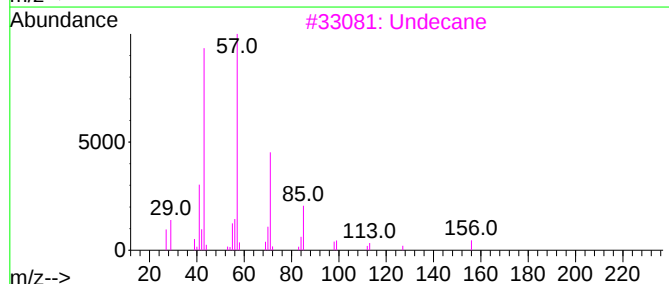
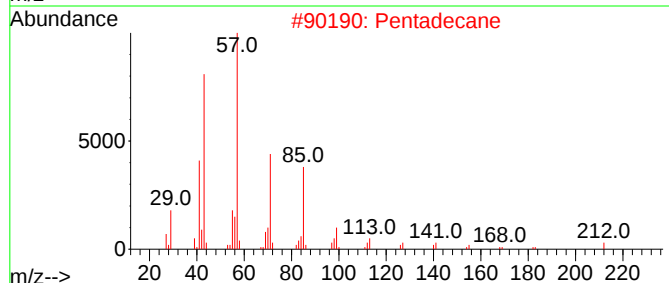
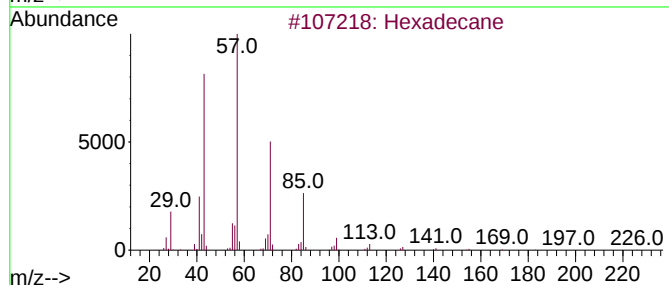
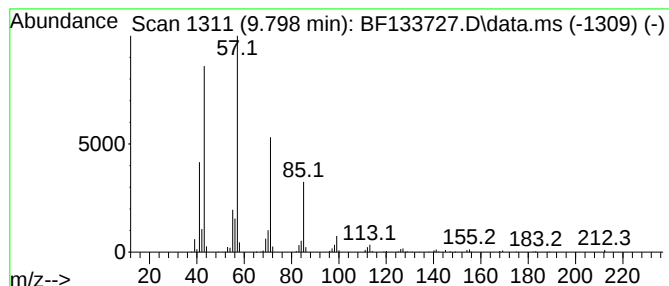
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	10.79 ng	290303	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Pentadecane	212	C15H32	000629-62-9	87
3			Undecane	156	C11H24	001120-21-4	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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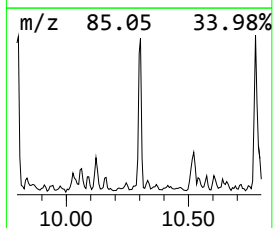
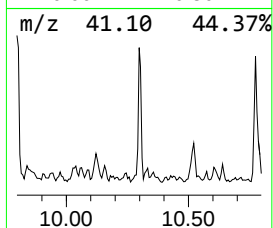
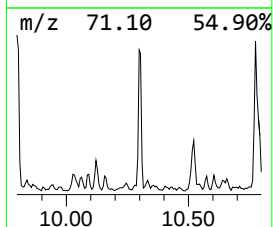
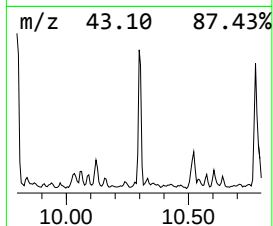
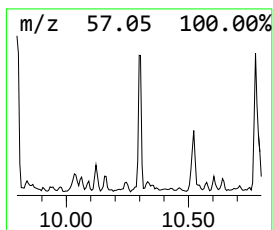
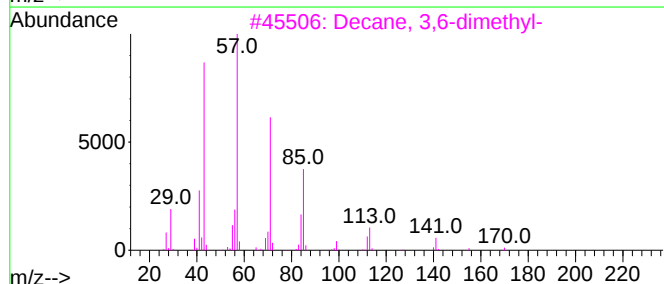
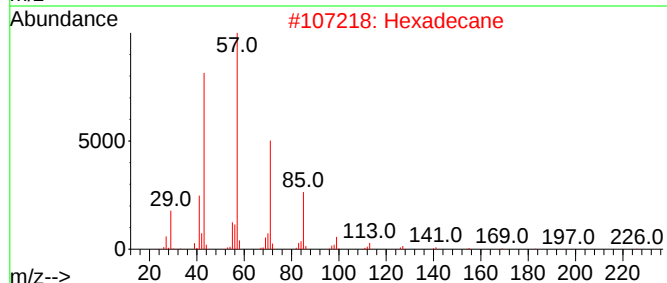
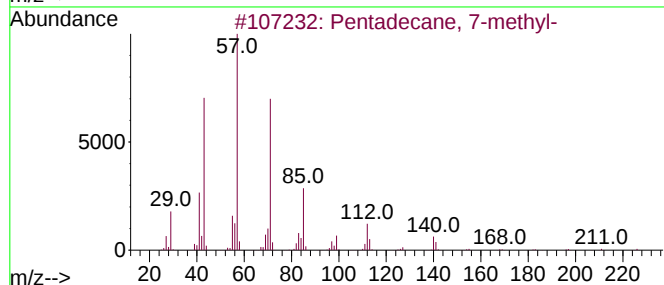
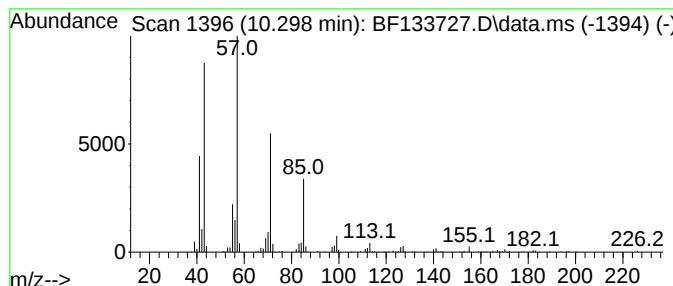
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	9.50 ng	255639	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
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Acq On : 13 Jun 2023 13:10
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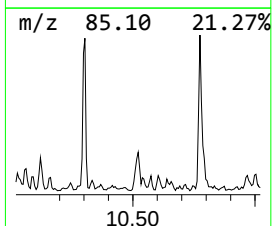
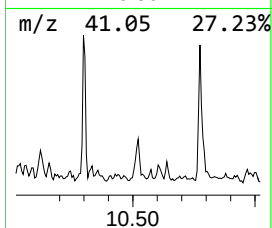
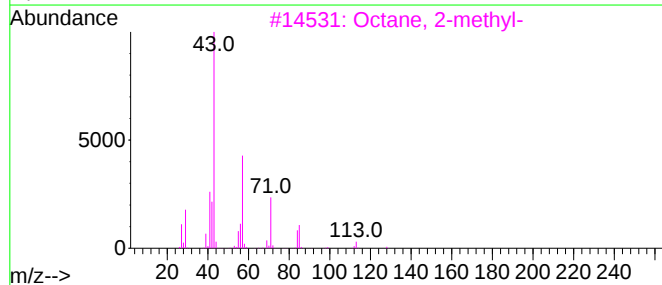
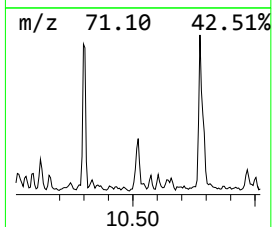
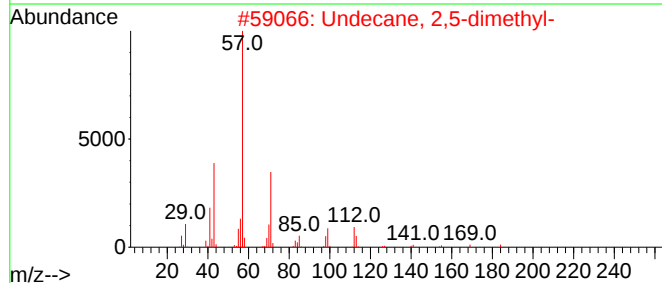
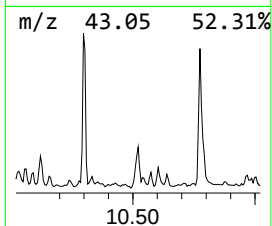
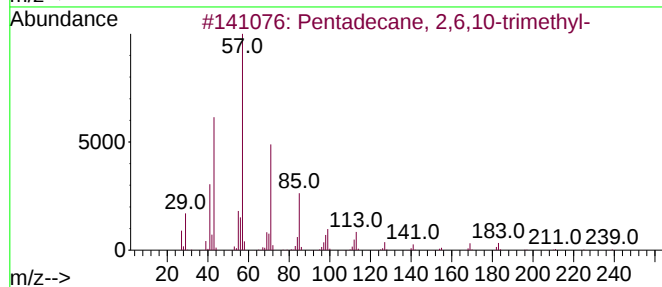
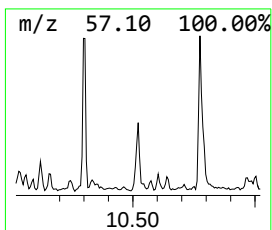
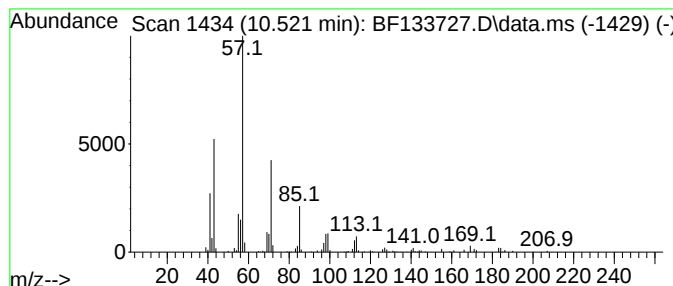
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.522	5.66 ng	152351	Acenaphthene-d10			9.869
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	86
2	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76
3	Octane, 2-methyl-		128	C9H20	003221-61-2	72
4	Undecane, 3,5-dimethyl-		184	C13H28	017312-81-1	64
5	Heptadecane		240	C17H36	000629-78-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
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Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823

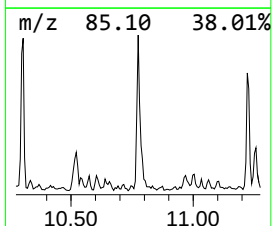
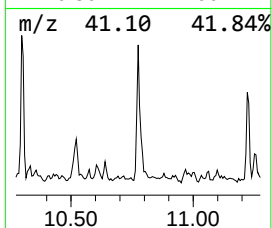
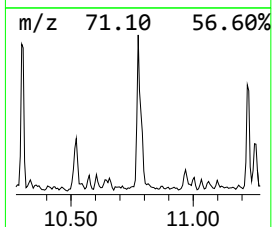
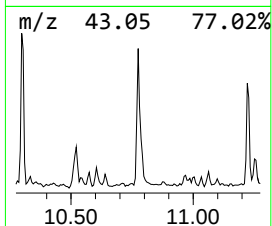
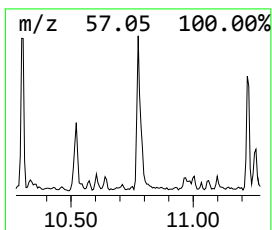
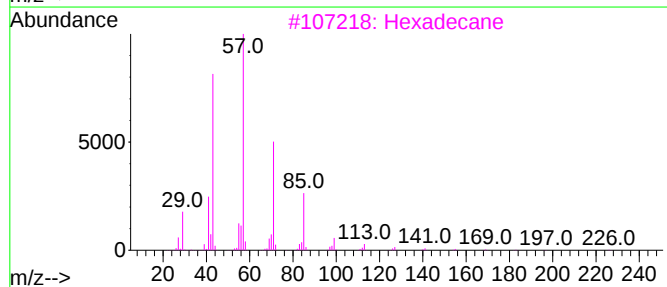
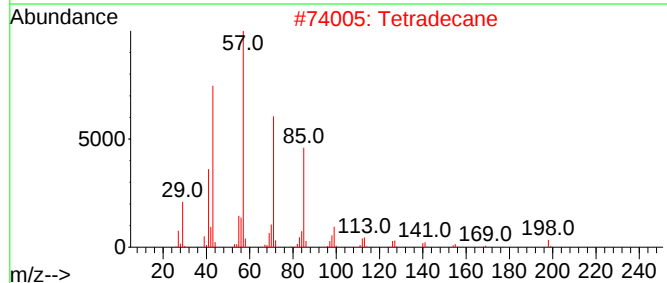
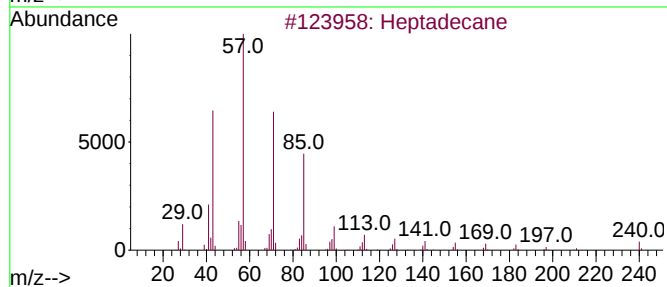
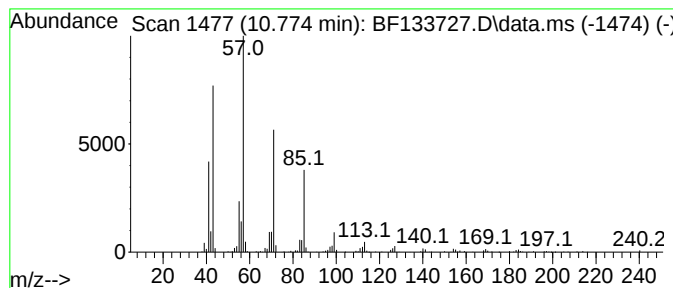
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.774	12.60 ng	355574	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Tetradecane	198	C14H30	000629-59-4	93
3			Hexadecane	226	C16H34	000544-76-3	91
4			Nonadecane	268	C19H40	000629-92-5	86
5			Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
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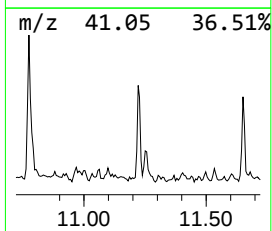
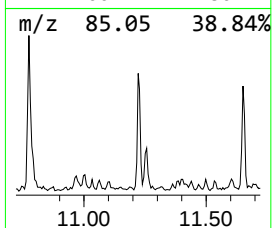
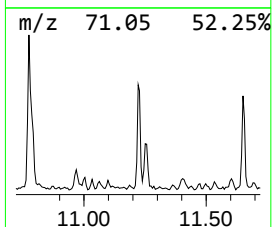
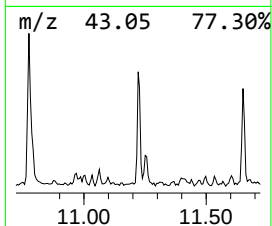
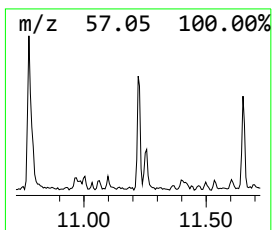
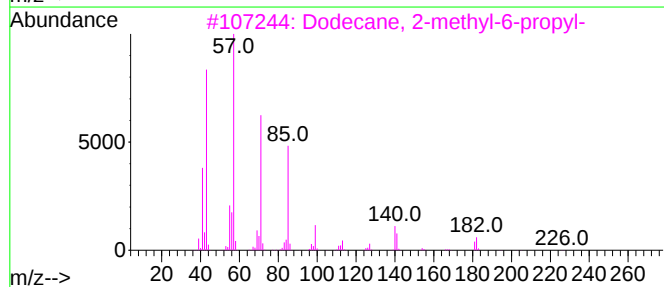
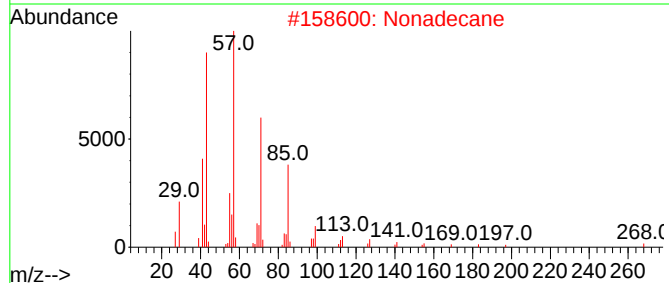
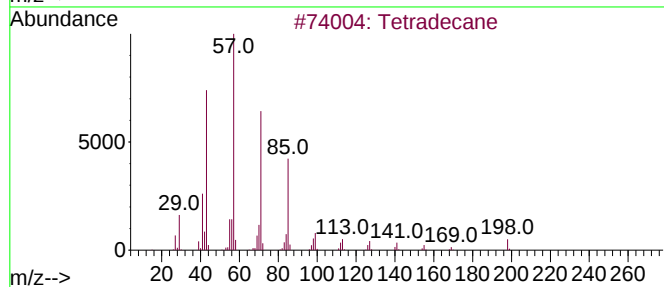
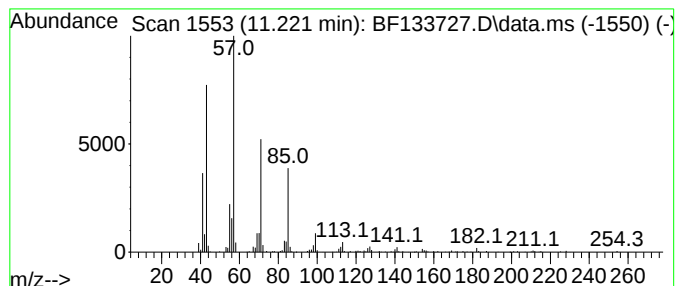
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	6.73 ng	189843	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Nonadecane	268	C19H40	000629-92-5	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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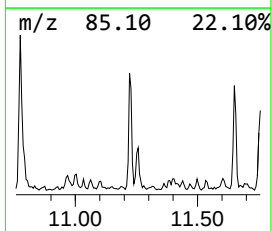
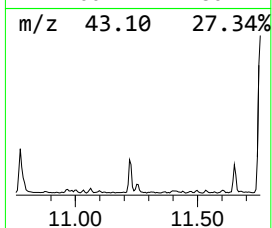
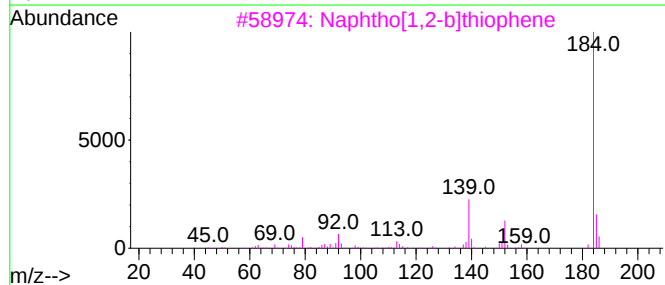
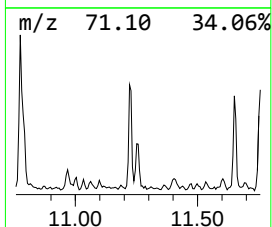
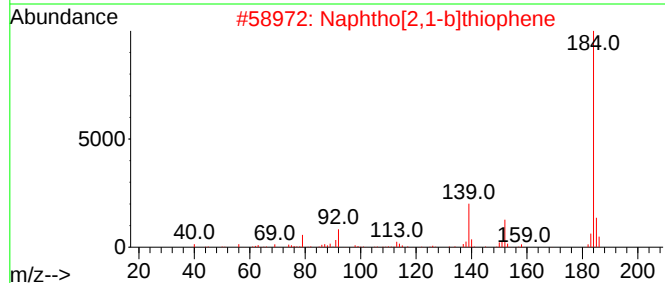
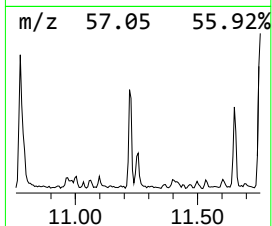
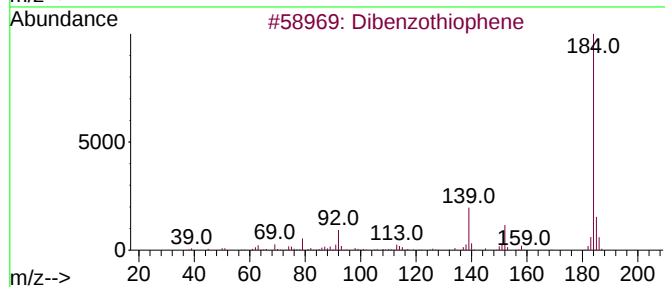
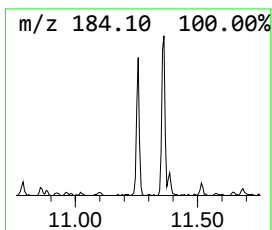
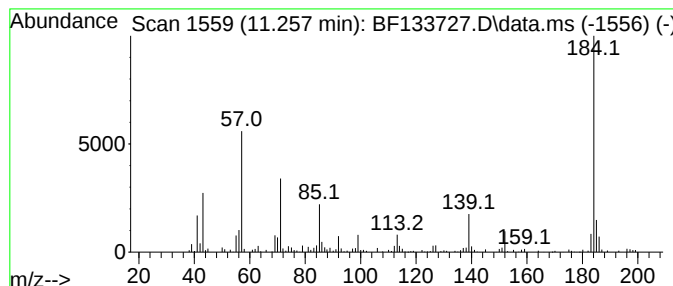
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	5.56 ng	156997	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	89
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	70
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	68
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823

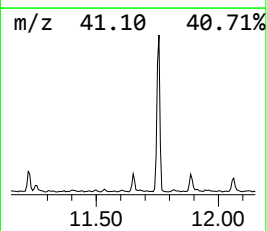
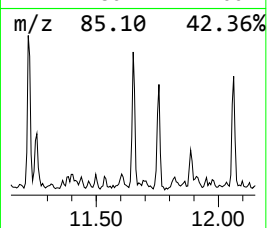
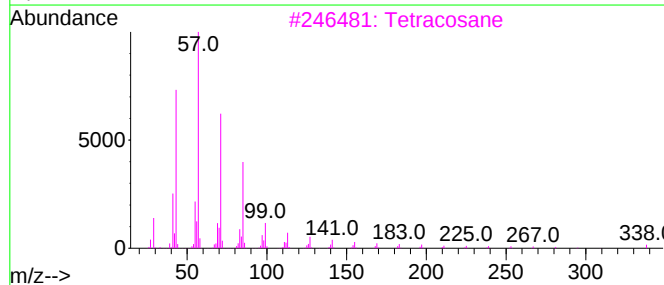
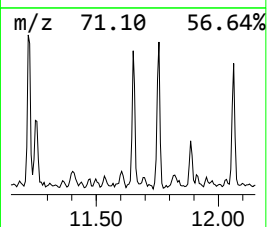
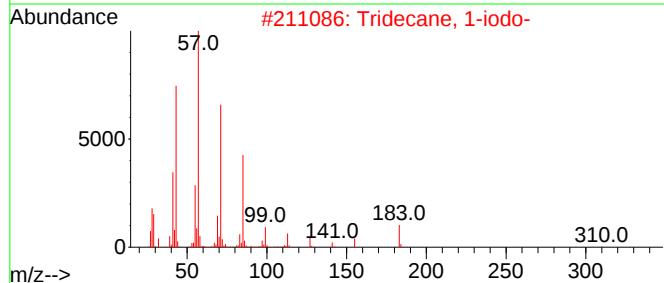
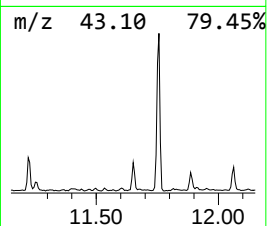
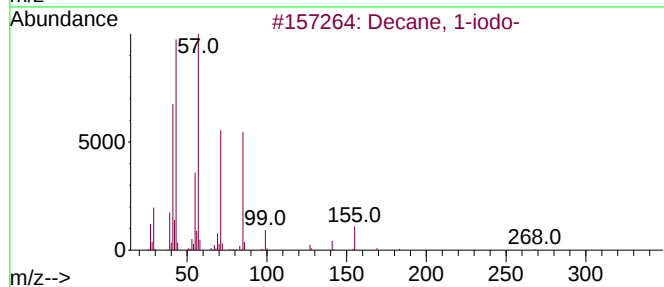
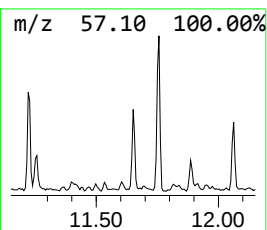
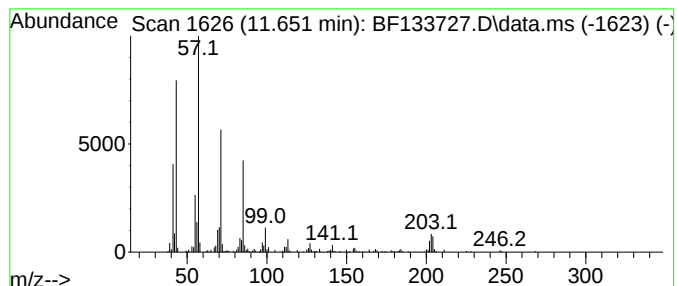
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	6.39 ng	180506	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 1-iodo-	268	C10H21I	002050-77-3	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		Tetracosane	338	C24H50	000646-31-1	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823

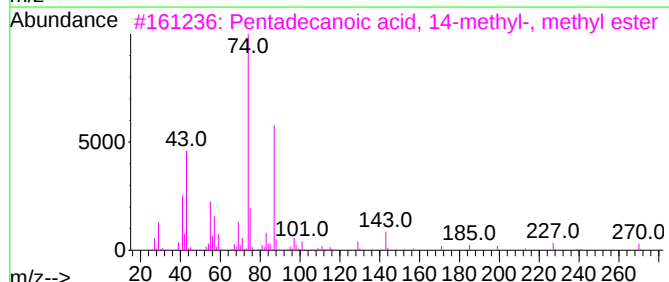
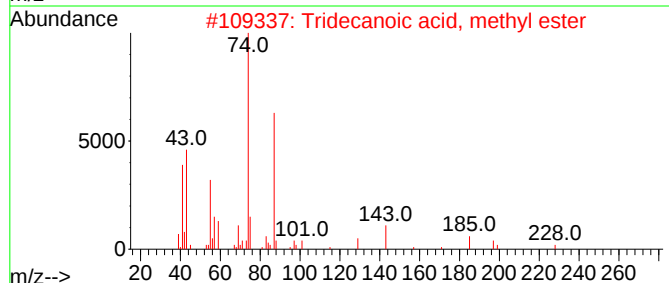
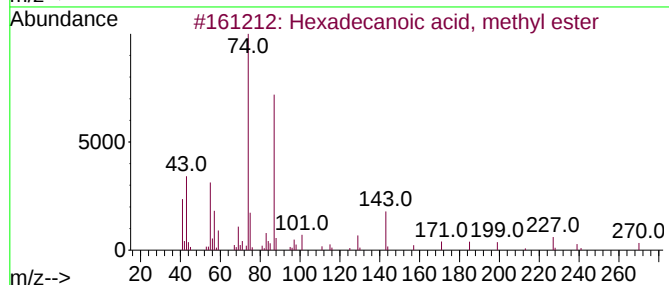
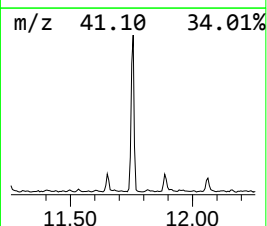
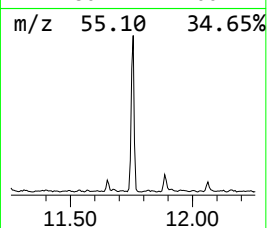
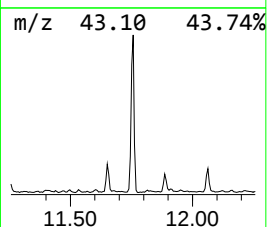
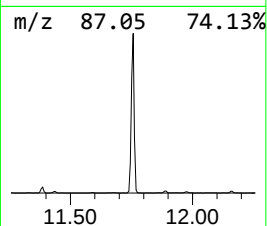
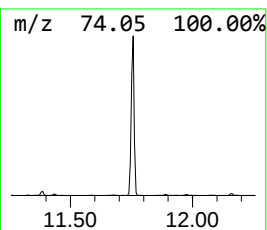
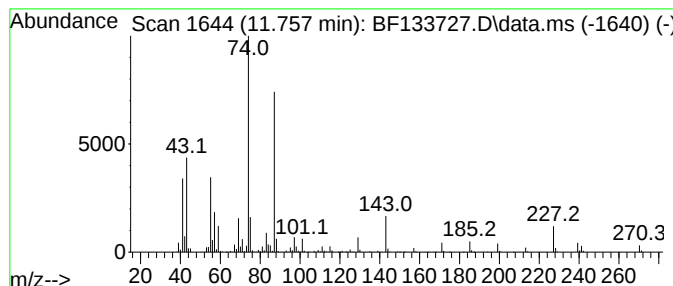
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	64.62 ng	1824270	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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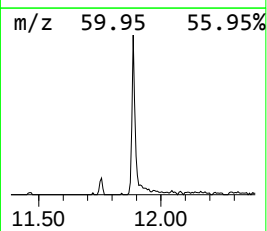
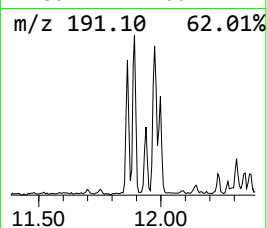
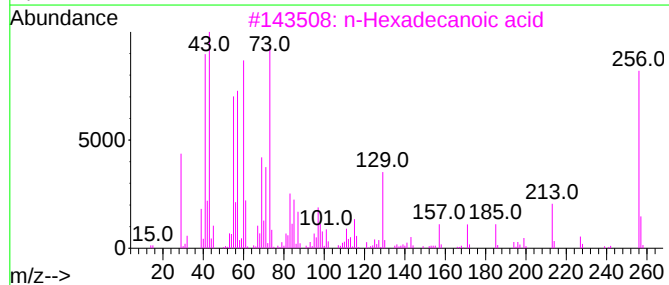
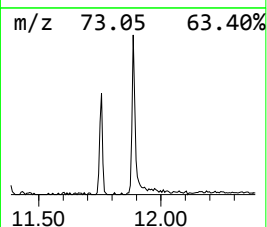
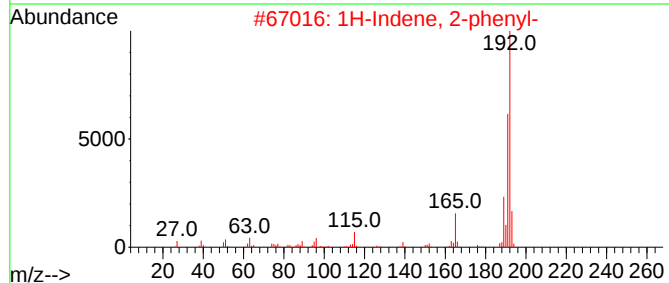
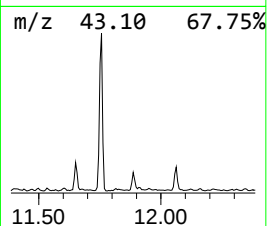
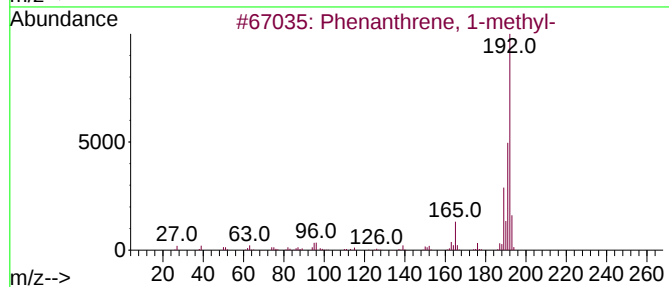
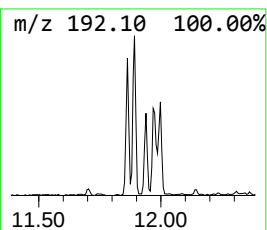
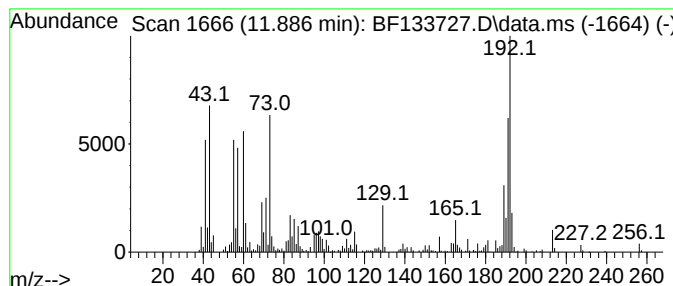
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	10.57 ng	298509	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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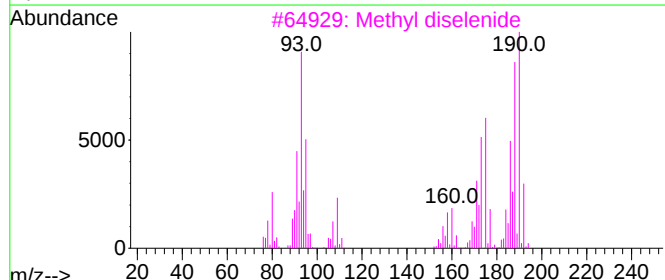
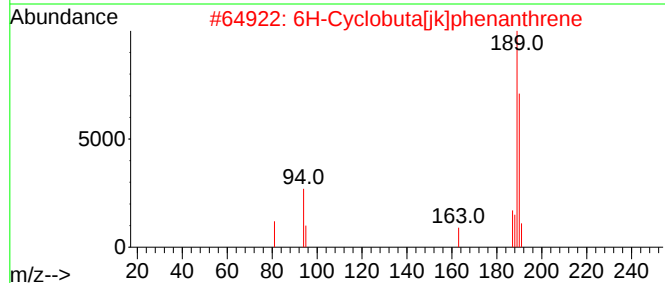
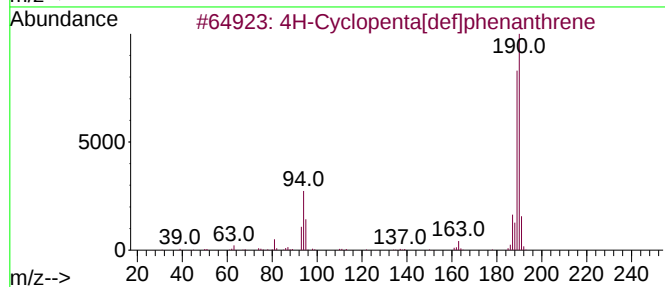
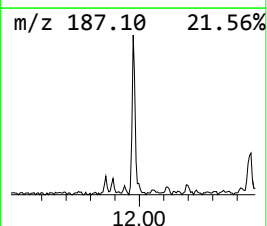
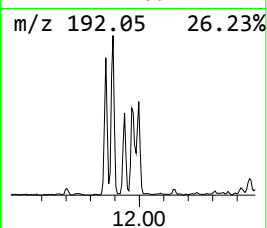
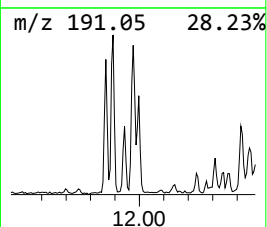
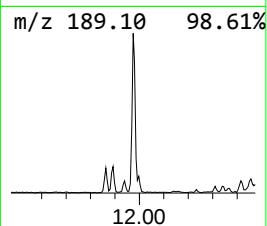
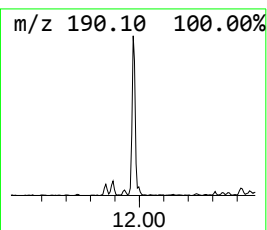
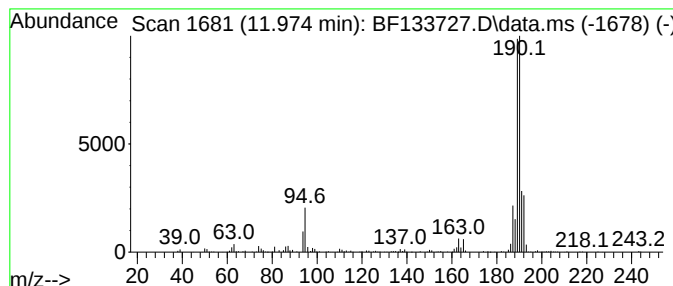
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	11.43 ng	322582	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3		Methyl diselenide	190	C2H6Se2	007101-31-7	49
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5		Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

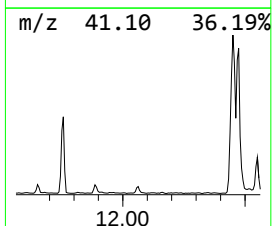
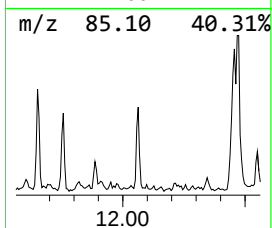
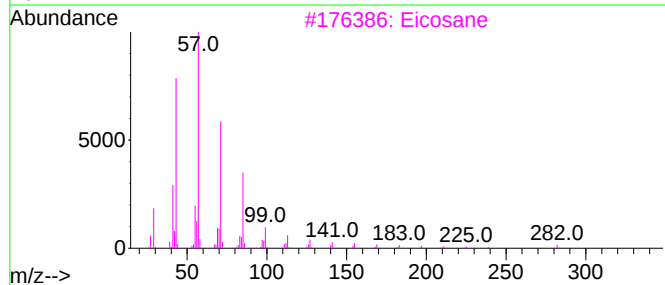
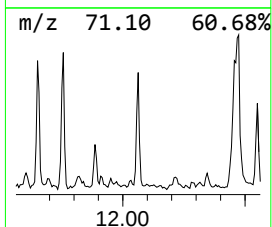
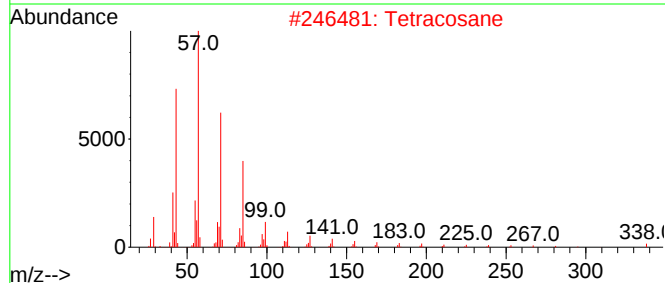
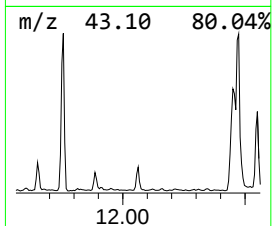
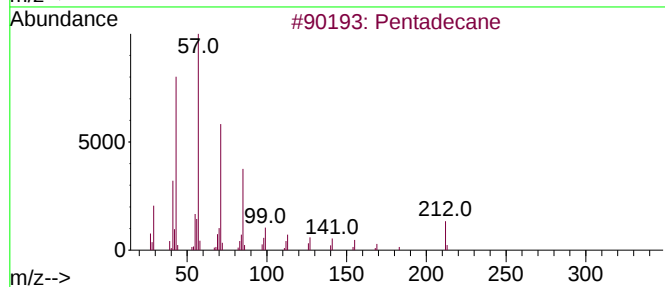
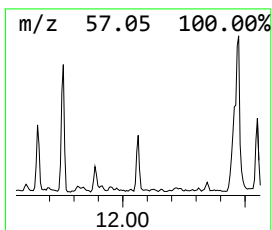
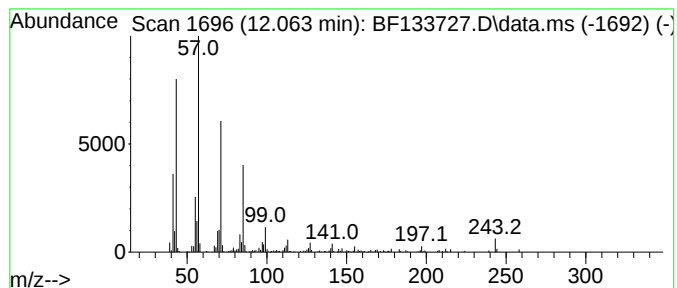
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.063	5.91 ng	166868	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	94
2	Tetracosane		338	C24H50	000646-31-1	87
3	Eicosane		282	C20H42	000112-95-8	87
4	Nonadecane		268	C19H40	000629-92-5	87
5	Heptadecane		240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823

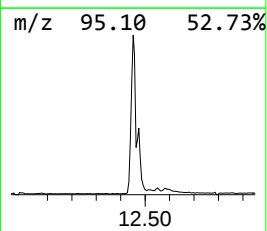
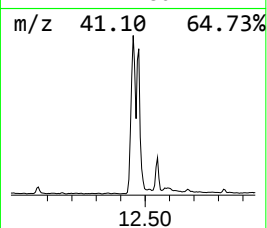
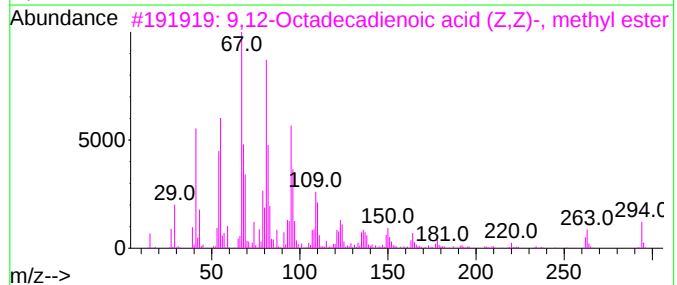
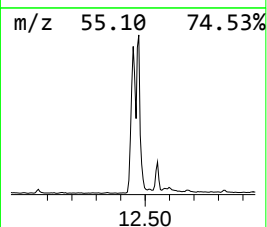
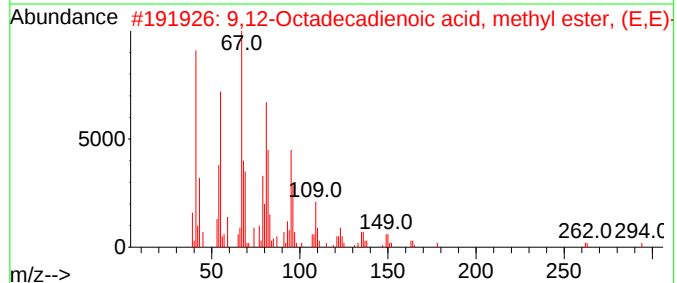
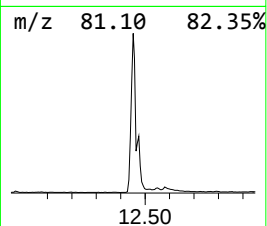
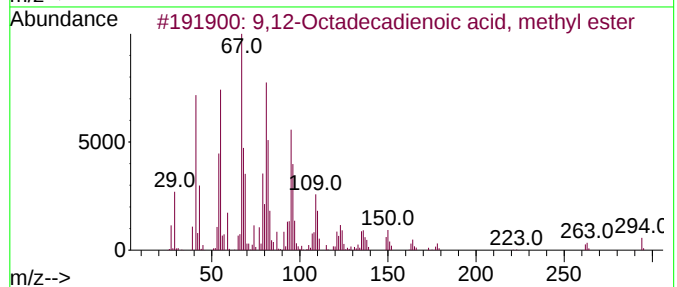
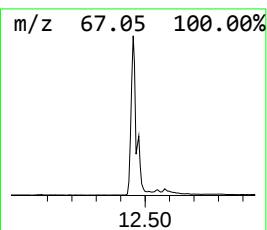
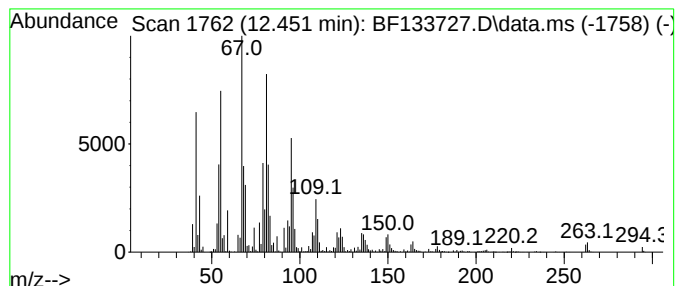
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	211.51 ng	5970740	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99		
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823

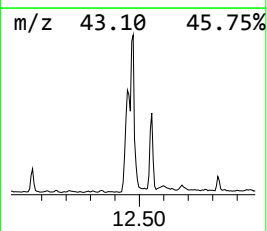
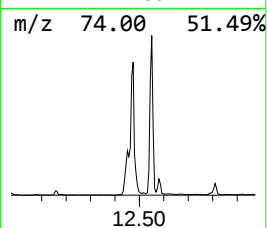
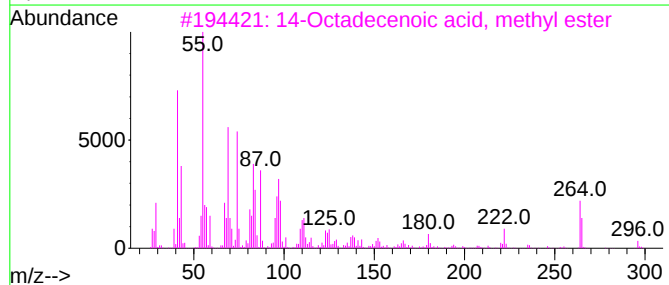
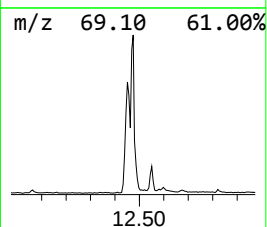
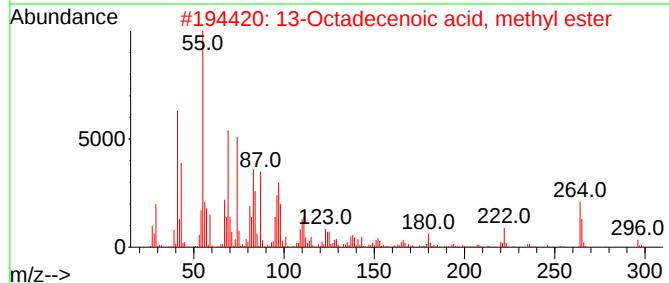
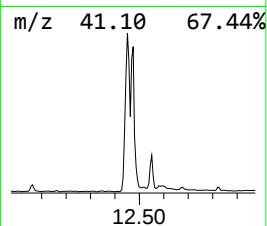
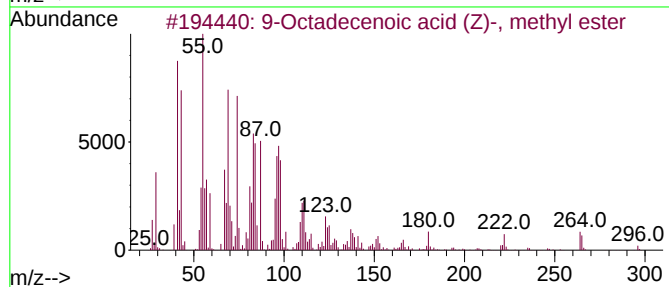
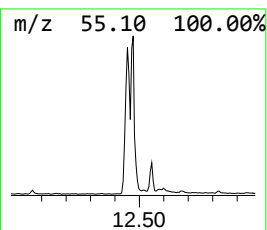
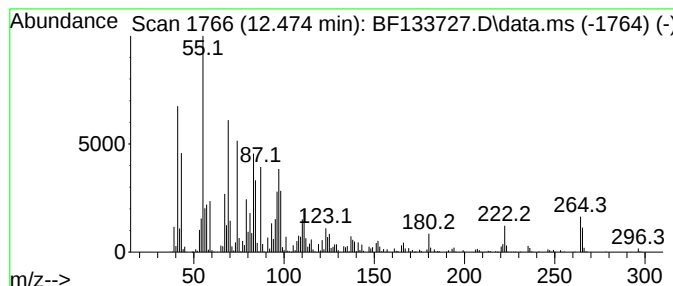
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	142.88 ng	4033470	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823

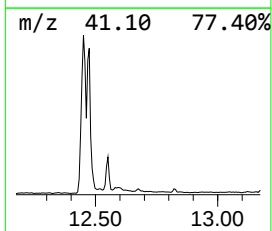
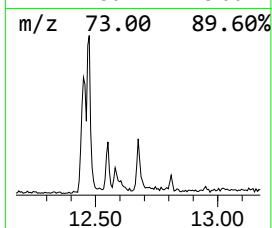
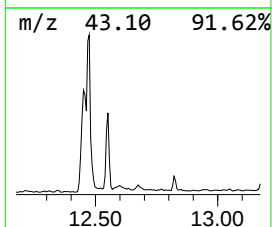
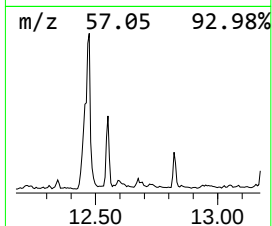
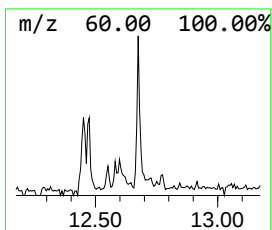
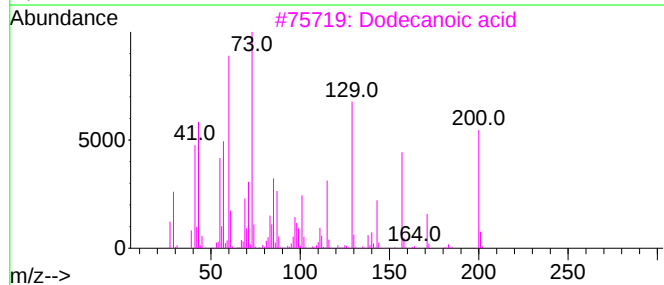
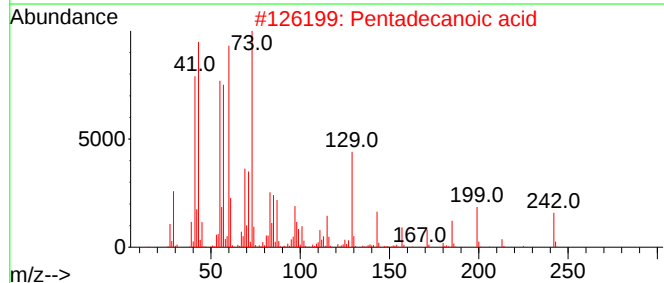
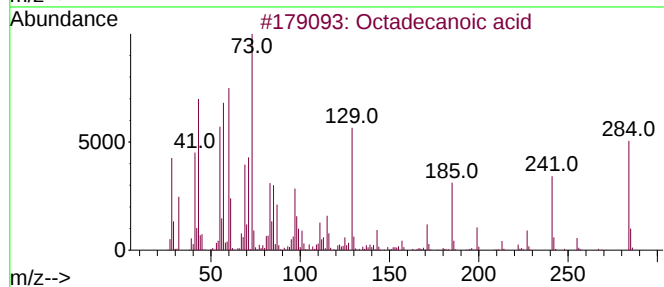
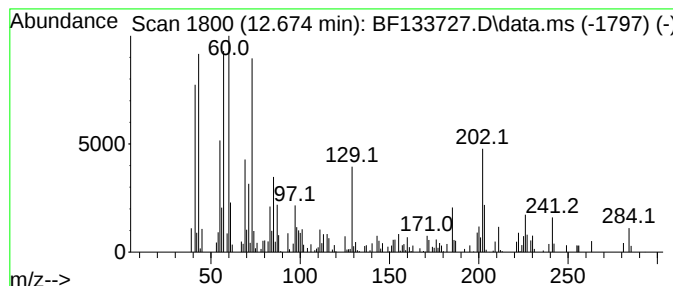
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.674	5.41 ng	152846	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Dodecanoic acid	200	C12H24O2	000143-07-7	83
4		Undecanoic acid	186	C11H22O2	000112-37-8	60
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823

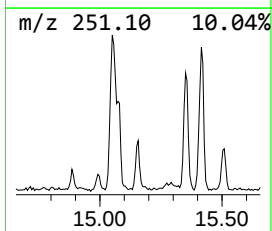
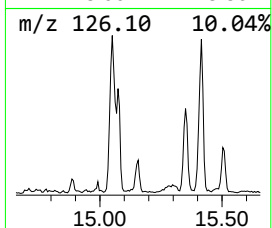
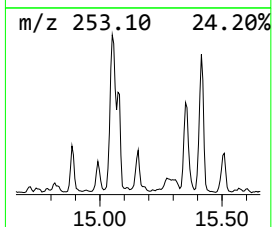
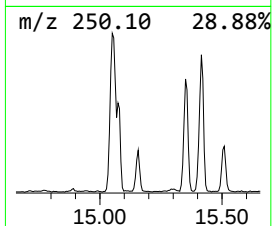
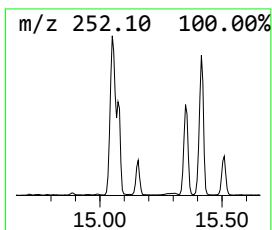
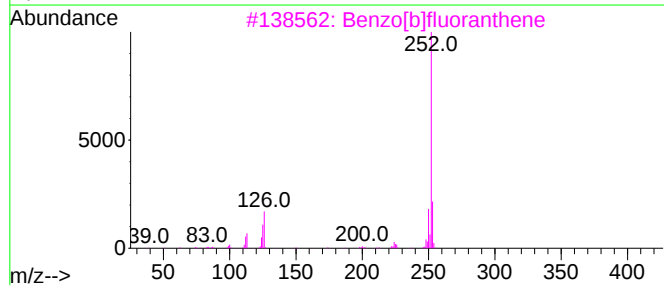
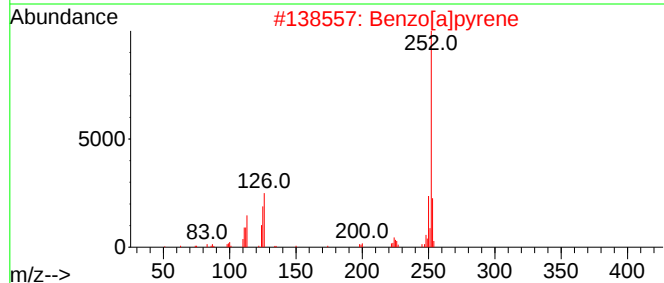
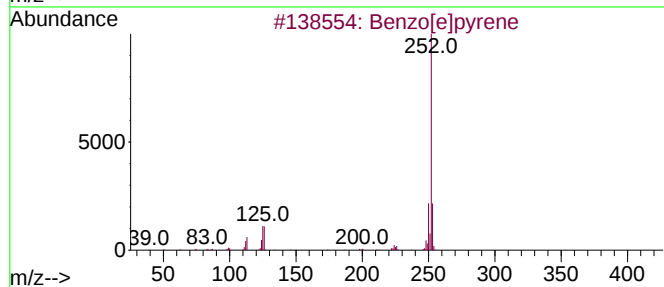
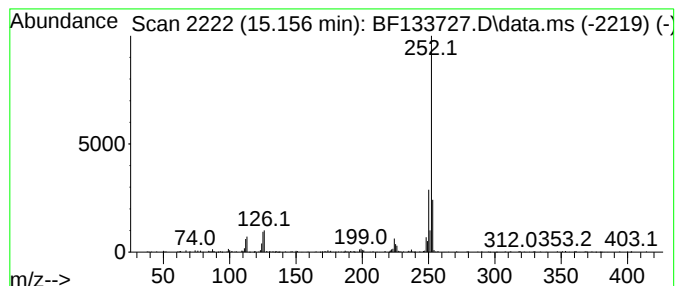
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.156	6.29 ng	159695	Perylene-d12	15.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[a]pyrene	252	C20H12	000050-32-8	90
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133727.D
Acq On : 13 Jun 2023 13:10
Operator : CG\JU
Sample : 03103-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-060823

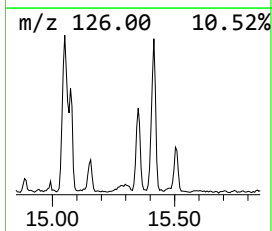
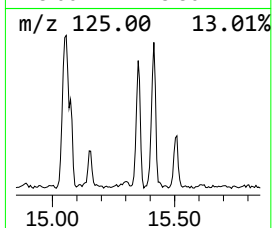
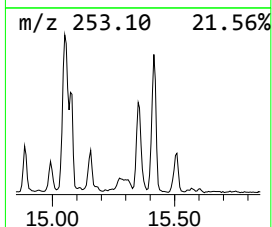
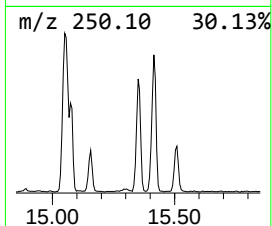
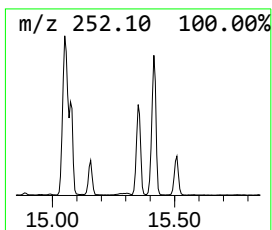
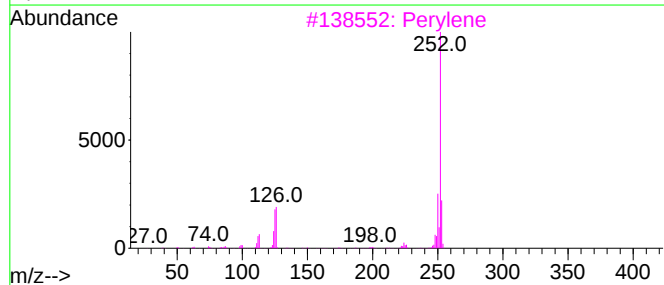
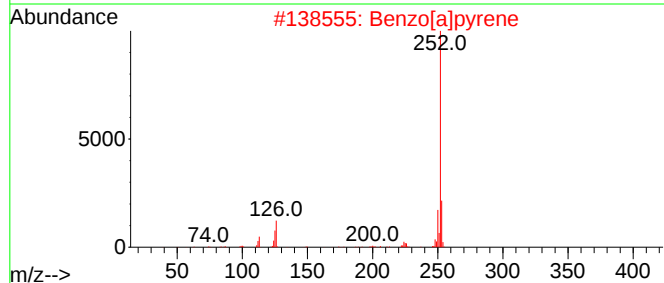
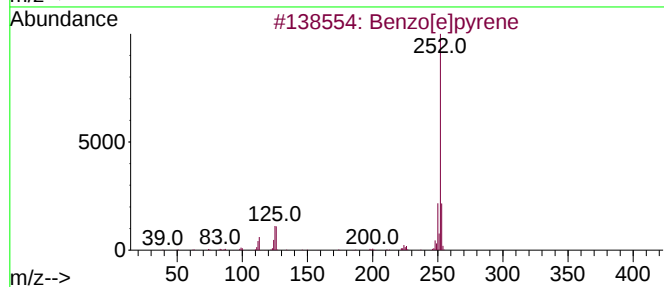
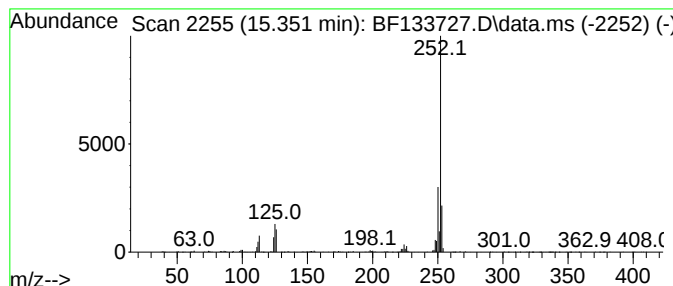
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	21.40 ng	543682	Perylene-d12	15.474

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133727.D
 Acq On : 13 Jun 2023 13:10
 Operator : CG\JU
 Sample : 03103-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-8-060823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
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Tridecane	8.704	9.1	ng	290037	2	8.116	635369	20.0
Tetradecane	9.269	12.7	ng	340700	3	9.869	537963	20.0
Octadecane, 1-c...	9.592	5.8	ng	157369	3	9.869	537963	20.0
Hexadecane	9.798	10.8	ng	290303	3	9.869	537963	20.0
Pentadecane, 7-...	10.298	9.5	ng	255639	3	9.869	537963	20.0
Pentadecane, 2,...	10.522	5.7	ng	152351	3	9.869	537963	20.0
Heptadecane	10.774	12.6	ng	355574	4	11.363	564582	20.0
Dodecane, 2-met...	11.222	6.7	ng	189843	4	11.363	564582	20.0
Dibenzothiophene	11.257	5.6	ng	156997	4	11.363	564582	20.0
Decane, 1-iodo-	11.651	6.4	ng	180506	4	11.363	564582	20.0
Hexadecanoic ac...	11.757	64.6	ng	1824270	4	11.363	564582	20.0
Phenanthrene, 1...	11.886	10.6	ng	298509	4	11.363	564582	20.0
4H-Cyclopenta[d...	11.974	11.4	ng	322582	4	11.363	564582	20.0
Pentadecane	12.063	5.9	ng	166868	4	11.363	564582	20.0
9,12-Octadecadi...	12.451	211.5	ng	5970740	4	11.363	564582	20.0
9-Octadecenoic ...	12.474	142.9	ng	4033470	4	11.363	564582	20.0
Octadecanoic acid	12.674	5.4	ng	152846	4	11.363	564582	20.0
Benzo[e]pyrene	15.156	6.3	ng	159695	6	15.474	508164	20.0
Perylene	15.351	21.4	ng	543682	6	15.474	508164	20.0