

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132678.D
 Acq On : 07 Mar 2023 15:06
 Operator : CG\JU
 Sample : 01817-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-04-03032023

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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132678.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.216	442	447	461	rVB	1255941	1504818	23.06%	1.669%
2	5.616	510	515	518	rBV	3153839	3161939	48.45%	3.508%
3	6.616	680	685	688	rBV	3125481	3064821	46.96%	3.400%
4	6.986	745	748	752	rVB	1244518	963377	14.76%	1.069%
5	7.551	840	844	847	rBV	2345952	2066328	31.66%	2.292%
6	8.275	963	967	969	rVV	1425679	1248382	19.13%	1.385%
7	8.851	1062	1065	1069	rVB	225530	182522	2.80%	0.202%
8	9.086	1103	1105	1108	rVB2	182772	154546	2.37%	0.171%
9	9.345	1146	1149	1153	rVB	3593418	3308632	50.70%	3.670%
10	9.416	1158	1161	1165	rBV	451582	391163	5.99%	0.434%
11	9.610	1191	1194	1199	rVB5	107691	166971	2.56%	0.185%
12	9.686	1199	1207	1210	rBV4	237529	417460	6.40%	0.463%
13	9.739	1213	1216	1221	rVV3	274459	417936	6.40%	0.464%
14	9.804	1224	1227	1229	rBV3	167485	178796	2.74%	0.198%
15	9.892	1239	1242	1246	rBV	435751	419091	6.42%	0.465%
16	9.945	1248	1251	1256	rVB	577645	530245	8.12%	0.588%
17	10.033	1263	1266	1269	rVB	1458317	1200050	18.39%	1.331%
18	10.069	1269	1272	1274	rBV	303471	264940	4.06%	0.294%
19	10.133	1280	1283	1288	rBV5	85394	155037	2.38%	0.172%
20	10.186	1288	1292	1294	rVV3	102395	153271	2.35%	0.170%
21	10.239	1298	1301	1304	rVB2	259525	262525	4.02%	0.291%
22	10.269	1304	1306	1311	rBV2	241047	276479	4.24%	0.307%
23	10.345	1316	1319	1322	rBV2	204604	236065	3.62%	0.262%
24	10.451	1331	1337	1340	rBV	761298	745273	11.42%	0.827%
25	10.586	1356	1360	1366	rVB	431414	473759	7.26%	0.526%
26	10.669	1369	1374	1376	rVV2	355465	403929	6.19%	0.448%
27	10.745	1385	1387	1393	rVB3	313581	323913	4.96%	0.359%
28	10.827	1397	1401	1404	rBV	2238767	1935032	29.65%	2.147%
29	10.927	1415	1418	1427	rVB2	702917	1068197	16.37%	1.185%
30	11.133	1448	1453	1455	rBV4	202208	293852	4.50%	0.326%
31	11.163	1455	1458	1460	rVV2	154264	161945	2.48%	0.180%
32	11.216	1464	1467	1470	rVB	181831	170123	2.61%	0.189%
33	11.251	1470	1473	1476	rBV4	120916	196627	3.01%	0.218%
34	11.374	1491	1494	1497	rVV	724605	600032	9.19%	0.666%
35	11.404	1497	1499	1501	rVV	294041	272824	4.18%	0.303%
36	11.427	1501	1503	1506	rVB	286385	239011	3.66%	0.265%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.527	1517	1520	1522	rBV	1185315	1144505	17.54%	1.270%
38	11.557	1522	1525	1528	rVB	2268051	1911399	29.29%	2.120%
39	11.604	1530	1533	1536	rBV	637152	554324	8.49%	0.615%
40	11.757	1556	1559	1564	rBV2	237934	287782	4.41%	0.319%
41	11.804	1564	1567	1569	rVV	579652	448195	6.87%	0.497%
42	11.863	1574	1577	1581	rVB	255242	237289	3.64%	0.263%
43	11.904	1581	1584	1588	rBV	493654	419699	6.43%	0.466%
44	12.045	1603	1608	1615	rBV2	1462600	2726448	41.78%	3.025%
45	12.110	1616	1619	1622	rVV	273817	270788	4.15%	0.300%
46	12.151	1622	1626	1628	rVV2	1098373	1304089	19.98%	1.447%
47	12.168	1628	1629	1632	rVV	584545	366219	5.61%	0.406%
48	12.216	1634	1637	1639	rVV	463286	407430	6.24%	0.452%
49	12.327	1653	1656	1659	rVV	488388	445181	6.82%	0.494%
50	12.357	1659	1661	1667	rVB2	314566	334962	5.13%	0.372%
51	12.480	1680	1682	1684	rVV	197762	161433	2.47%	0.179%
52	12.510	1684	1687	1689	rVV	261847	208453	3.19%	0.231%
53	12.533	1689	1691	1694	rVB2	230746	191720	2.94%	0.213%
54	12.598	1696	1702	1704	rBV3	1069087	1686995	25.85%	1.871%
55	12.621	1704	1706	1709	rVV3	1289543	1253454	19.21%	1.390%
56	12.674	1712	1715	1718	rBV2	351985	468617	7.18%	0.520%
57	12.704	1718	1720	1724	rVB2	273663	257129	3.94%	0.285%
58	12.757	1724	1729	1734	rBV	4855583	6526314	100.00%	7.240%
59	12.816	1737	1739	1740	rVV	324404	280960	4.31%	0.312%
60	12.833	1740	1742	1747	rVB3	735236	883708	13.54%	0.980%
61	12.910	1752	1755	1757	rBV	231557	199068	3.05%	0.221%
62	12.992	1762	1769	1773	rVV2	4471561	5628006	86.24%	6.243%
63	13.033	1773	1776	1780	rVB2	422131	485442	7.44%	0.539%
64	13.121	1785	1791	1794	rBV	3150791	2951992	45.23%	3.275%
65	13.145	1794	1795	1799	rVB	277176	172017	2.64%	0.191%
66	13.198	1800	1804	1812	rBV3	531576	1084603	16.62%	1.203%
67	13.292	1816	1820	1821	rBV4	391534	473072	7.25%	0.525%
68	13.315	1821	1824	1826	rVV	1048031	963022	14.76%	1.068%
69	13.380	1832	1835	1838	rVB	963855	753022	11.54%	0.835%
70	13.421	1838	1842	1844	rBV2	811334	812287	12.45%	0.901%
71	13.515	1855	1858	1860	rBV	510111	448152	6.87%	0.497%
72	13.545	1860	1863	1866	rBV	620606	539590	8.27%	0.599%
73	13.680	1884	1886	1889	rBV3	169293	151668	2.32%	0.168%
74	13.798	1903	1906	1908	rBV	211318	250306	3.84%	0.278%
75	13.827	1908	1911	1915	rVB	489353	566460	8.68%	0.628%
76	13.939	1925	1930	1932	rBV2	630449	758940	11.63%	0.842%

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77	13.968	1932	1935	1937	rVB	449575	394905	6.05%	0.438%
78	13.992	1937	1939	1940	rBV	445523	348775	5.34%	0.387%
79	14.010	1940	1942	1945	rVB3	312884	300151	4.60%	0.333%
80	14.110	1956	1959	1965	rBV2	296261	524799	8.04%	0.582%
81	14.186	1968	1972	1976	rVV2	2896760	4341336	66.52%	4.816%
82	14.221	1976	1978	1985	rVB	2853595	2429195	37.22%	2.695%
83	14.274	1985	1987	1989	rBV	180338	169134	2.59%	0.188%
84	14.298	1989	1991	1994	rVV	454412	397423	6.09%	0.441%
85	14.333	1994	1997	2004	rVV4	321959	671536	10.29%	0.745%
86	14.415	2008	2011	2014	rBV2	252294	360836	5.53%	0.400%
87	14.451	2014	2017	2019	rVB	167380	158105	2.42%	0.175%
88	14.580	2034	2039	2042	rVV	769222	879738	13.48%	0.976%
89	14.615	2042	2045	2047	rBV	348949	351098	5.38%	0.389%
90	14.680	2054	2056	2058	rVB	228609	178875	2.74%	0.198%
91	14.710	2059	2061	2063	rVV	407160	356585	5.46%	0.396%
92	14.733	2063	2065	2069	rVB	448571	388049	5.95%	0.430%
93	15.286	2153	2159	2162	rBV	1675291	3082665	47.23%	3.420%
94	15.398	2174	2178	2182	rVB	360207	423532	6.49%	0.470%
95	15.609	2209	2214	2219	rVB	1101817	1479472	22.67%	1.641%
96	15.680	2220	2226	2231	rVV	1637888	2328762	35.68%	2.583%
97	15.739	2232	2236	2239	rVV	624175	886204	13.58%	0.983%
98	15.774	2239	2242	2249	rVB2	466797	711323	10.90%	0.789%
99	17.339	2501	2508	2514	rVB2	616491	1251569	19.18%	1.388%
100	17.821	2584	2590	2601	rVB	514543	1105558	16.94%	1.226%

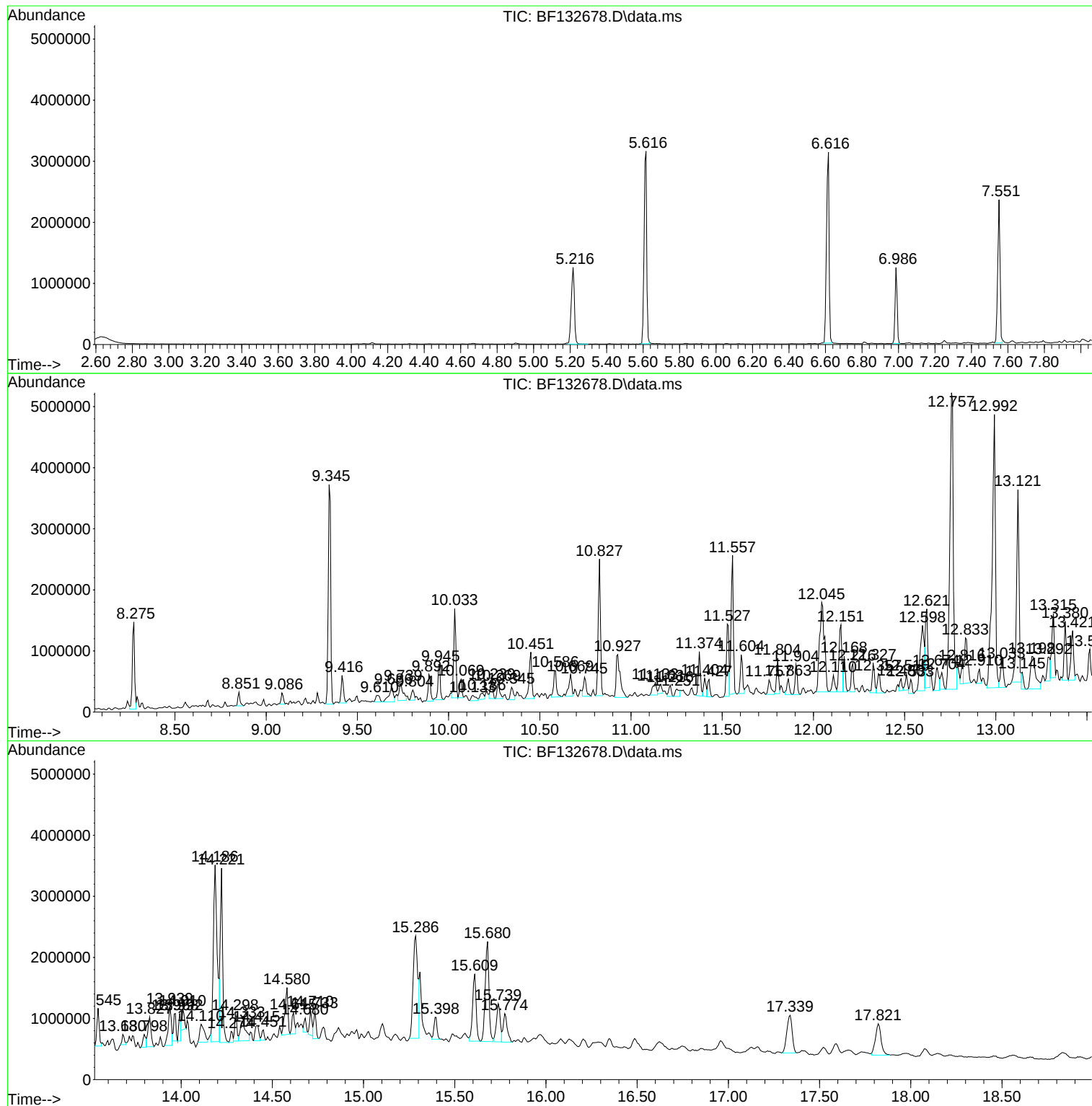
Sum of corrected areas: 90144276

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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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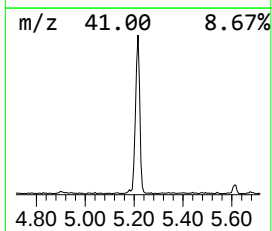
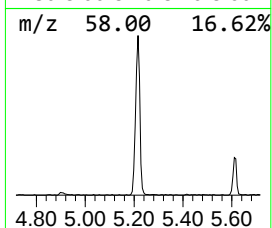
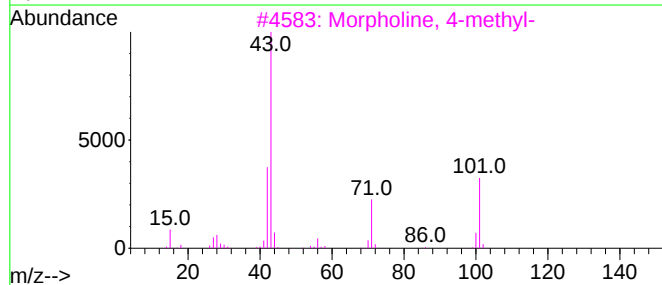
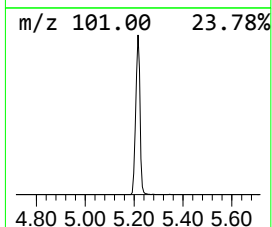
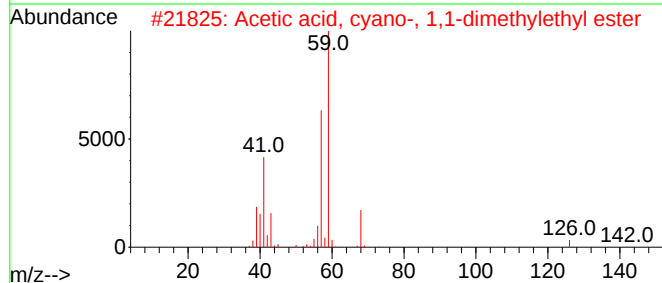
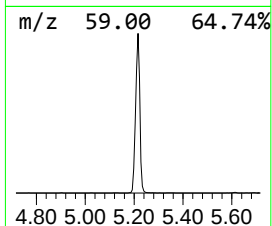
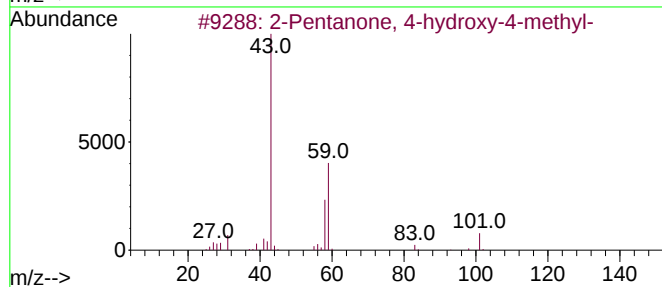
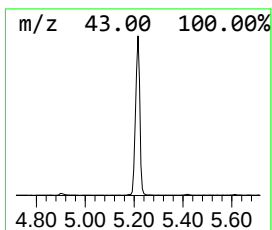
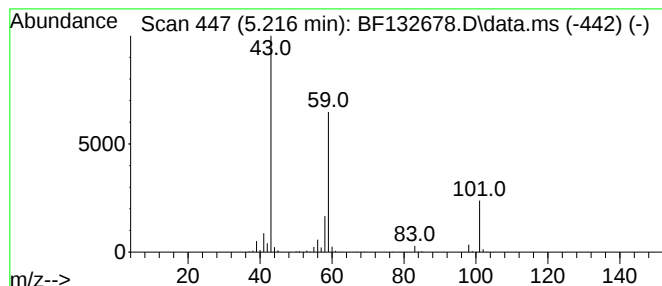
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	31.24 ng	1504820	1,4-Dichlorobenzene-d4	6.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			Acetone	58	C3H6O	000067-64-1	9



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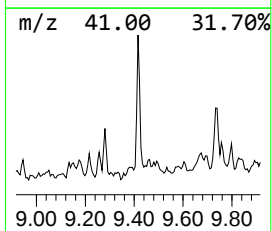
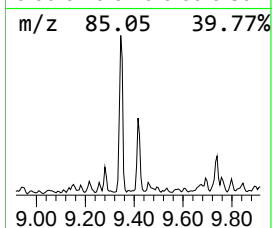
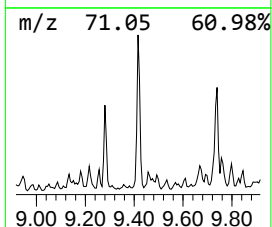
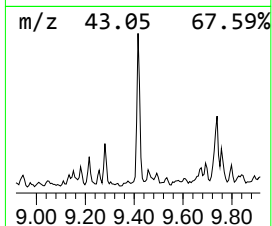
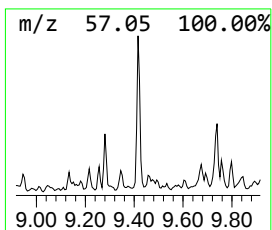
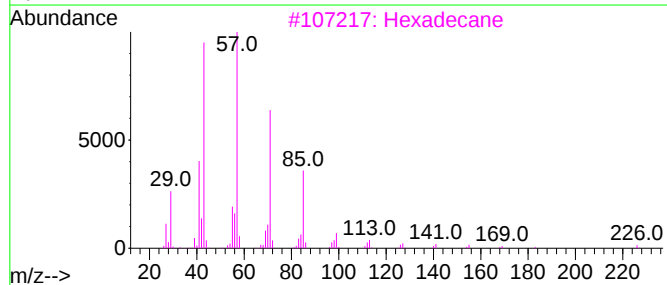
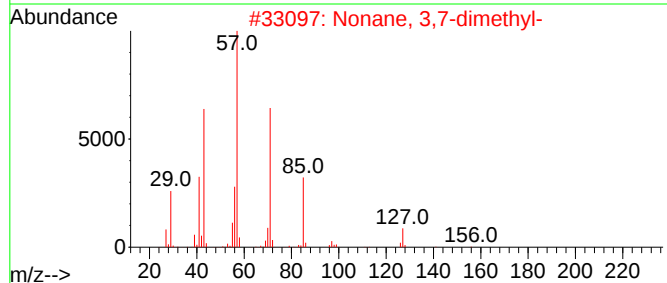
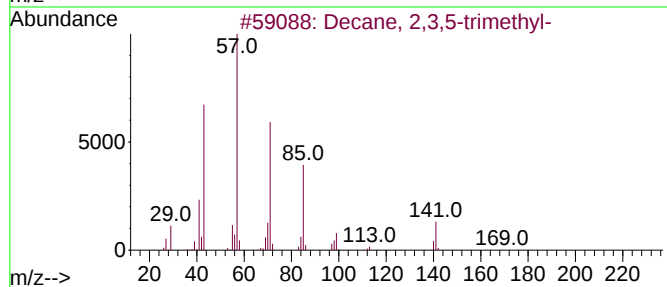
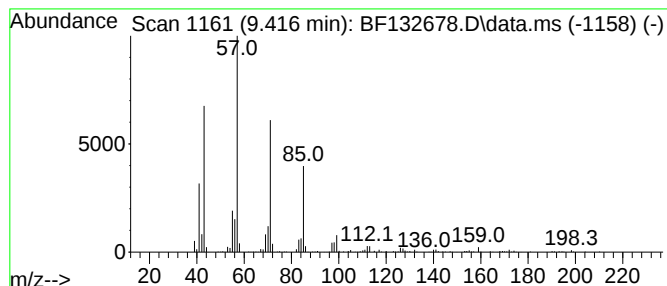
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	6.52 ng	391163	Acenaphthene-d10	10.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3			Hexadecane	226	C16H34	000544-76-3	83
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	78



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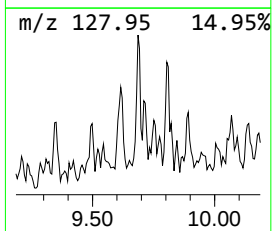
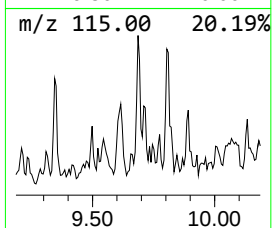
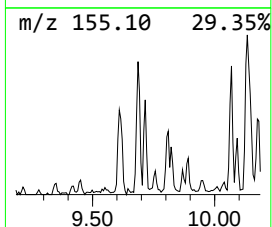
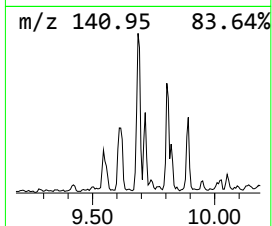
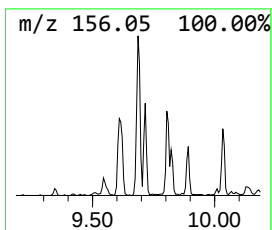
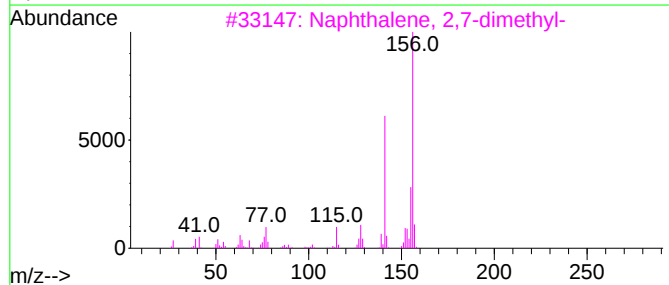
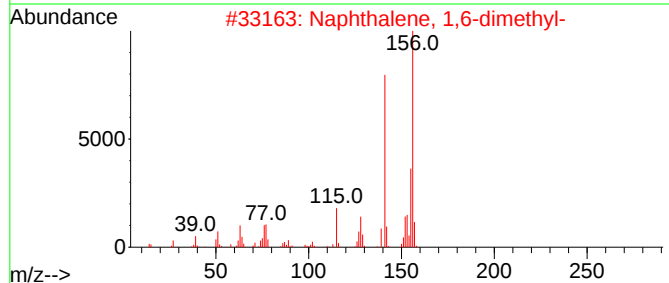
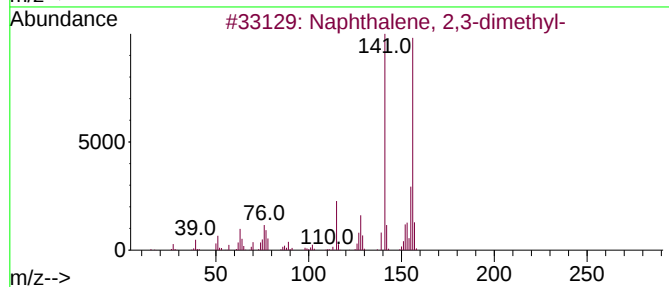
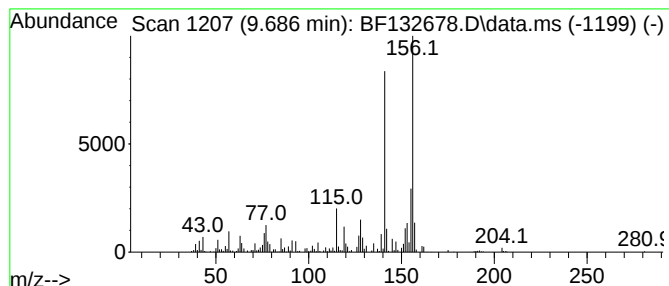
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	6.96 ng	417460	Acenaphthene-d10	10.033

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-03032023

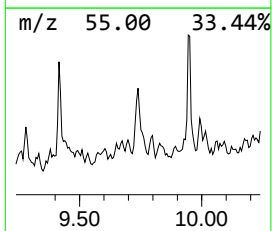
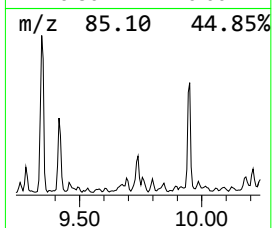
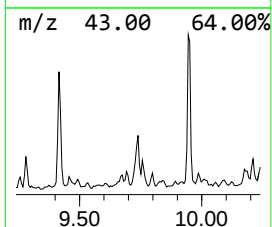
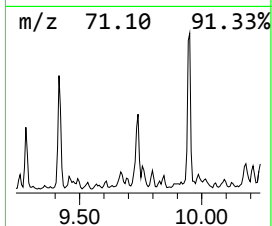
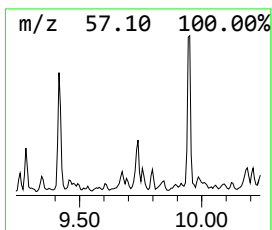
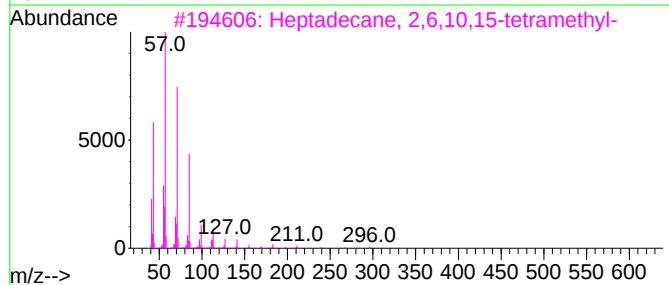
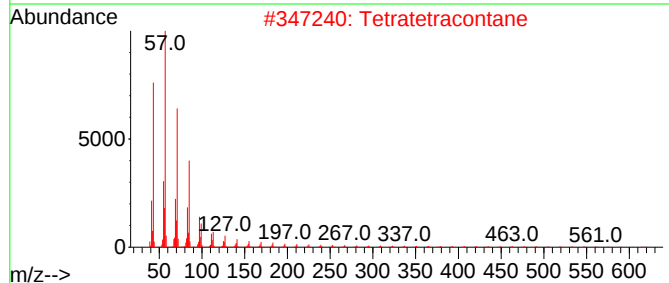
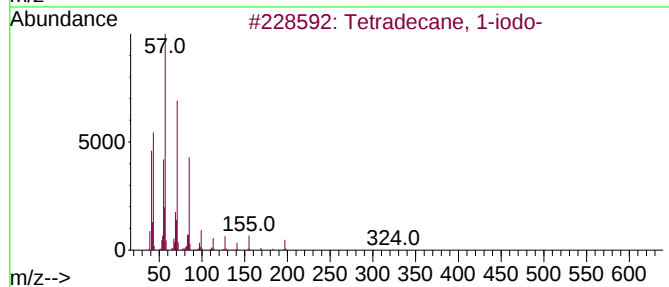
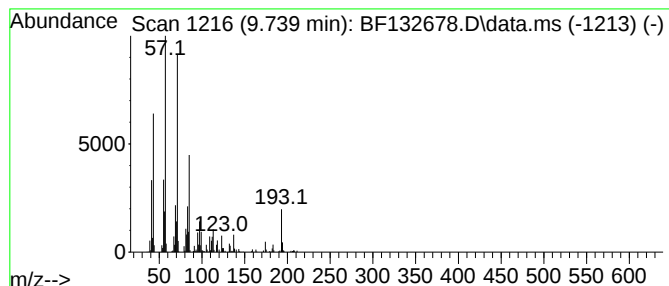
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	6.97 ng	417936	Acenaphthene-d10	10.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
2			Tetratetracontane	619	C44H90	007098-22-8	52
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
4			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	50
5			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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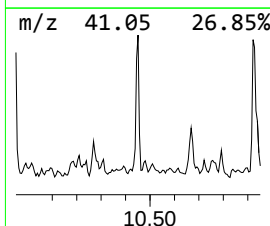
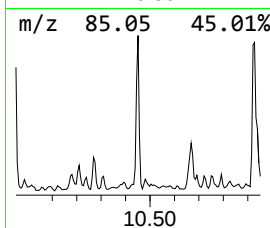
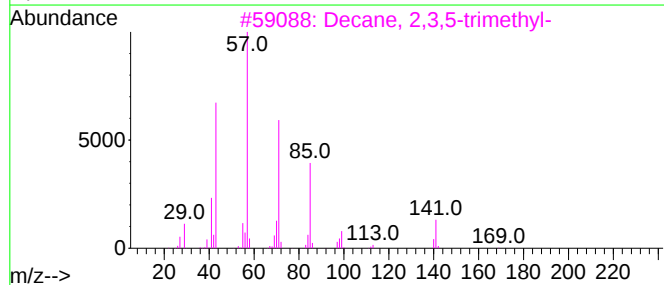
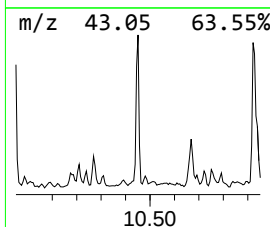
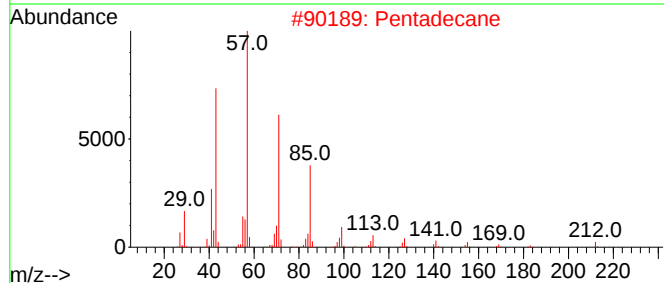
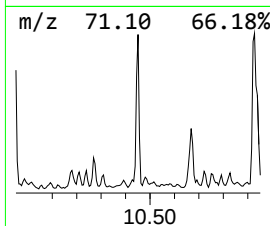
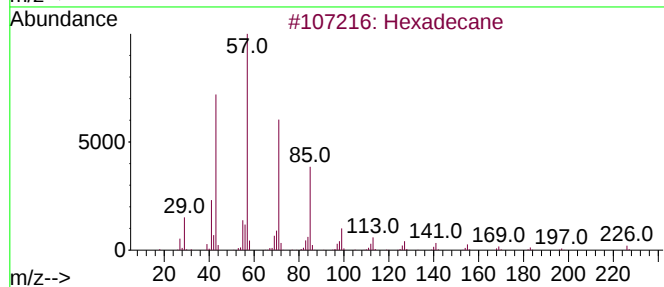
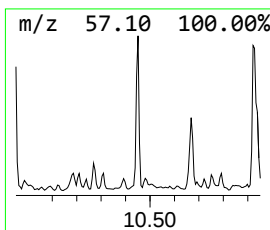
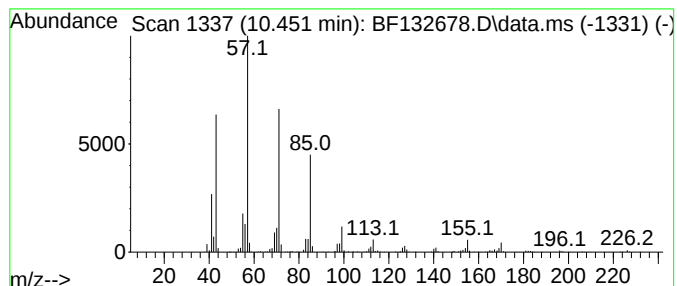
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	12.42 ng	745273	Acenaphthene-d10	10.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	87
2			Pentadecane	212	C15H32	000629-62-9	86
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4			Eicosane	282	C20H42	000112-95-8	86
5			Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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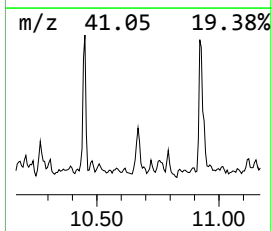
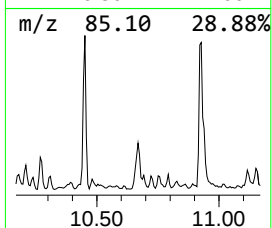
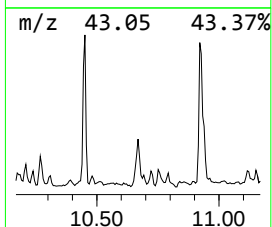
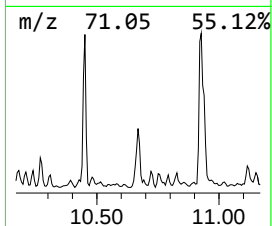
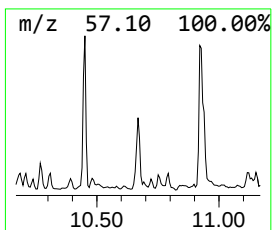
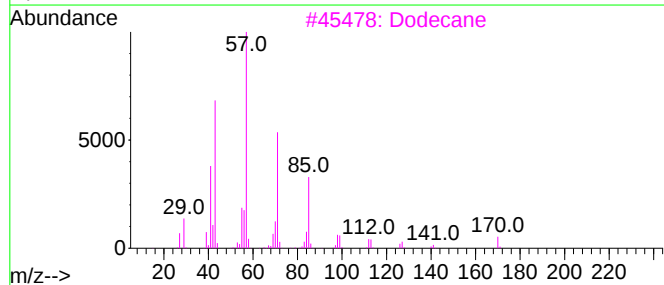
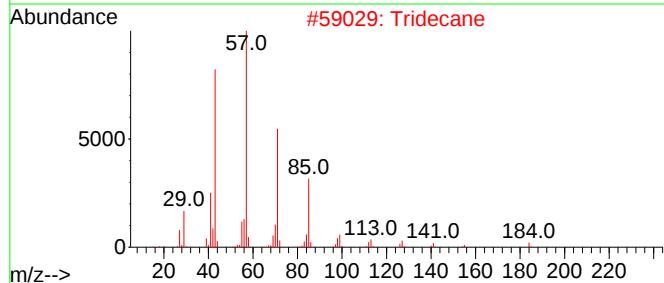
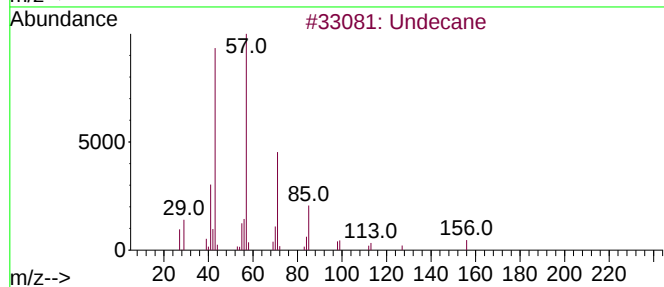
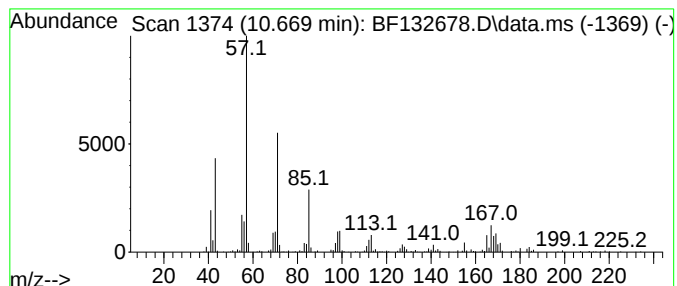
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	6.73 ng	403929	Acenaphthene-d10	10.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	81
2	Tridecane			184	C13H28	000629-50-5	76
3	Dodecane			170	C12H26	000112-40-3	74
4	Decane, 2,6,8-trimethyl-			184	C13H28	062108-26-3	64
5	Heptacosane			380	C27H56	000593-49-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
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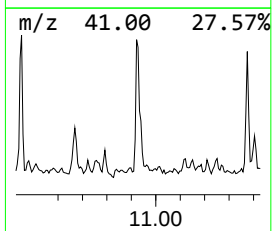
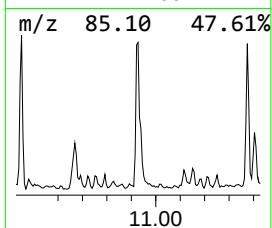
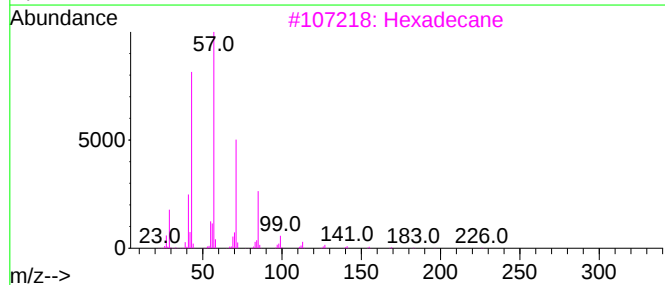
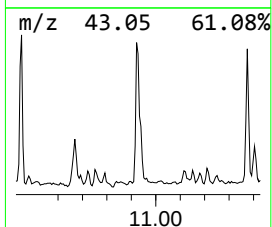
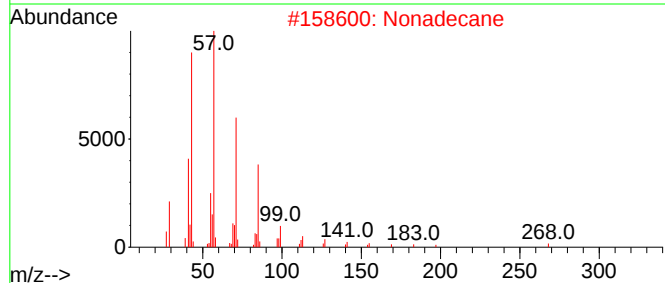
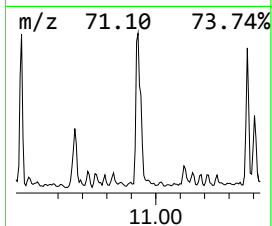
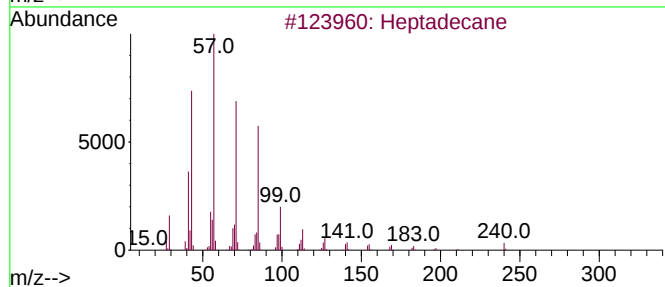
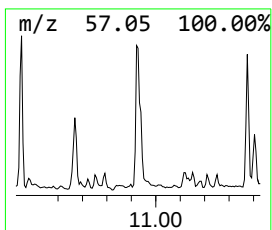
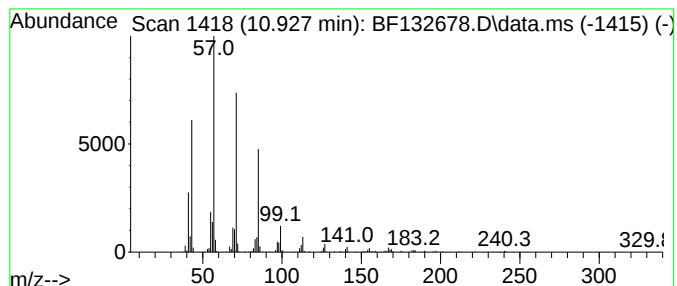
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.927	18.67 ng	1068200	Phenanthrene-d10	11.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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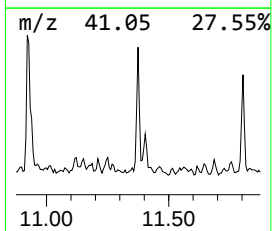
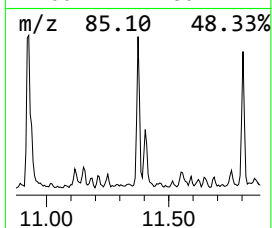
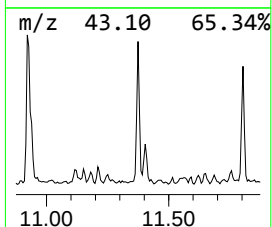
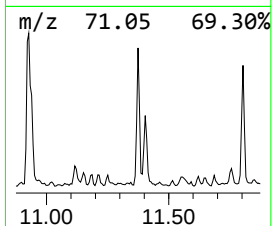
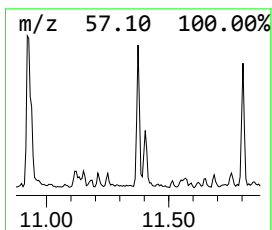
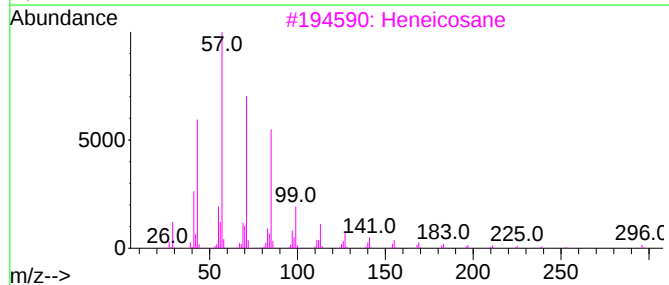
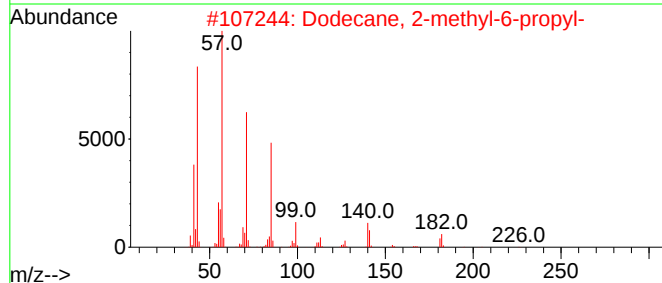
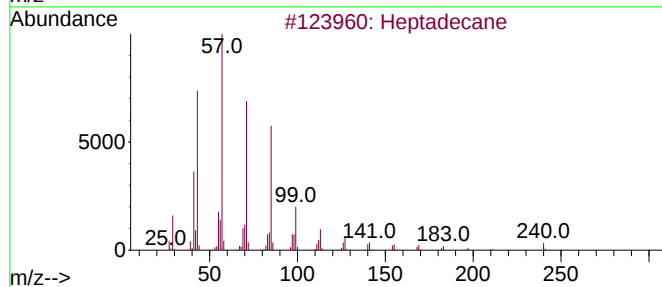
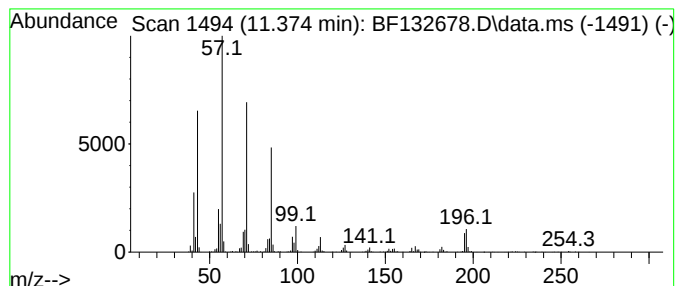
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.374	10.49 ng	600032	Phenanthrene-d10	11.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	87
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81
3			Heneicosane	296	C21H44	000629-94-7	80
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5			Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
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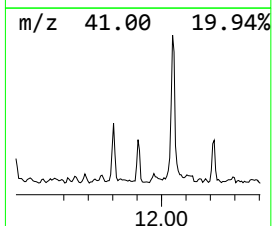
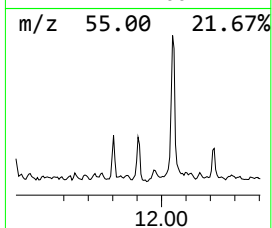
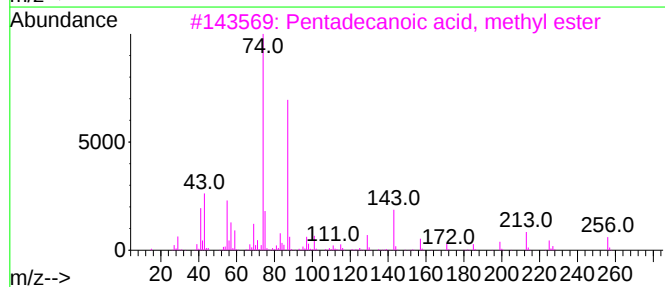
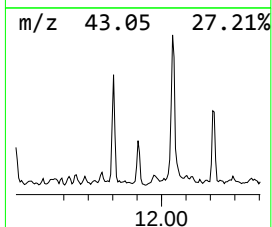
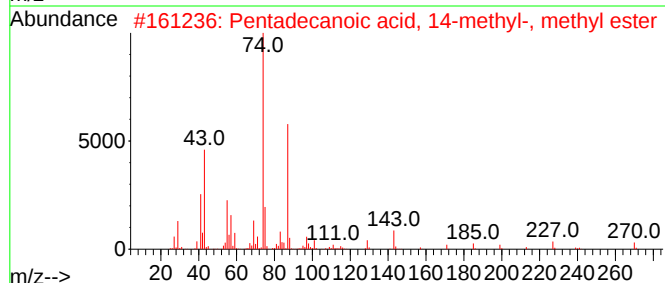
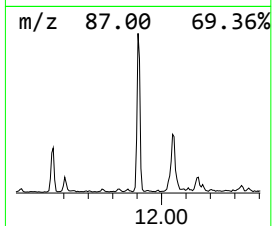
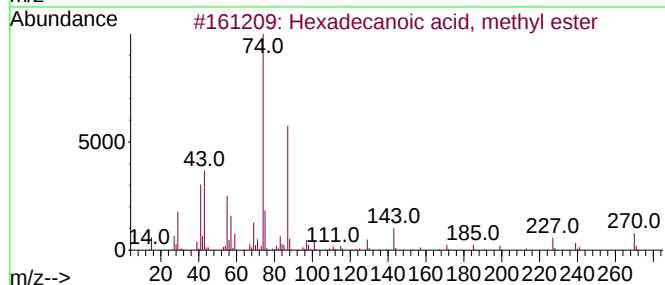
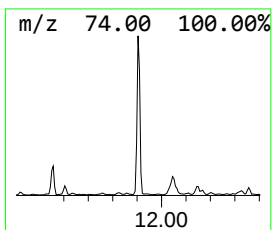
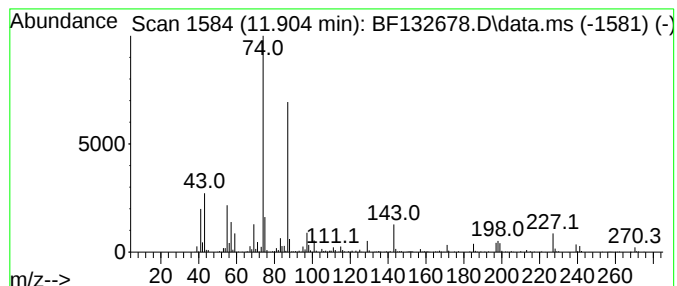
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	7.33 ng	419699	Phenanthrene-d10	11.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	81
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
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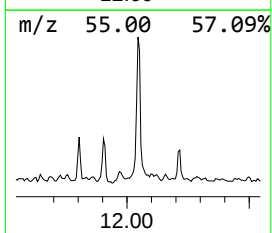
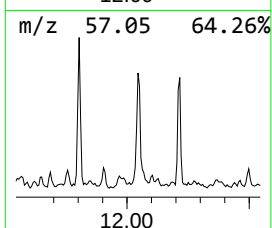
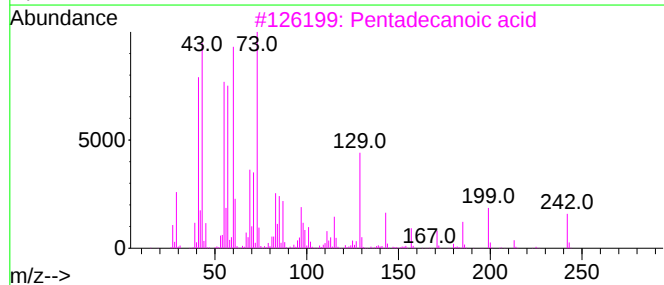
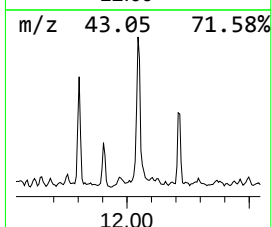
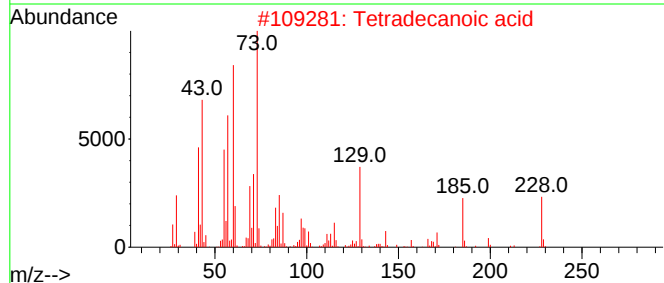
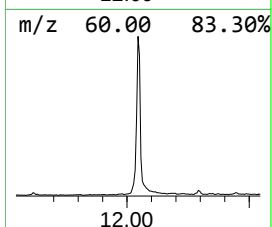
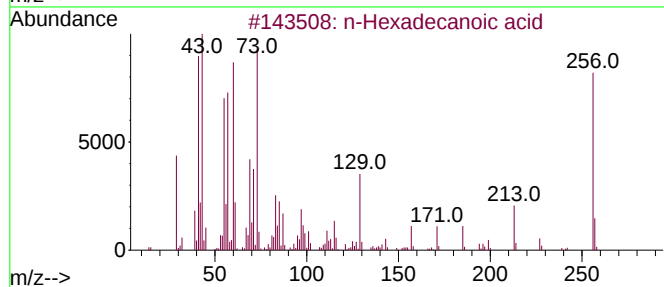
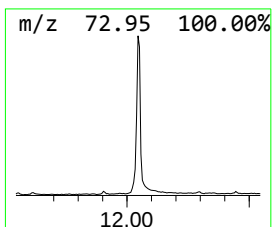
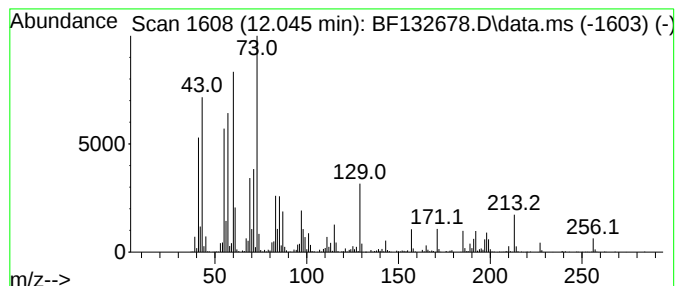
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.045	47.64 ng	2726450	Phenanthrene-d10	11.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-04-03032023

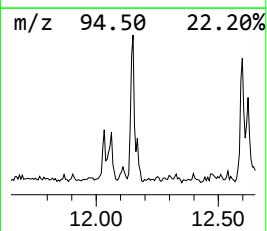
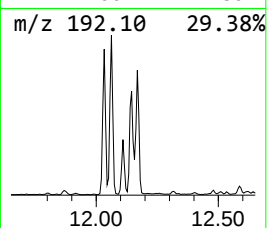
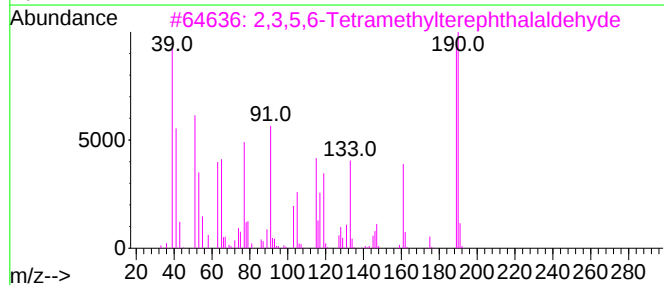
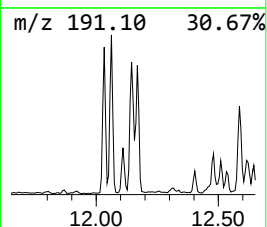
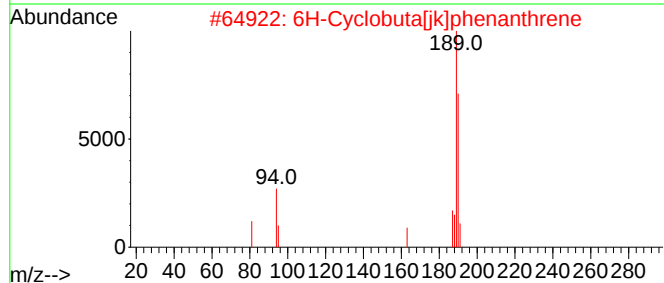
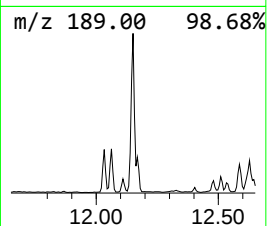
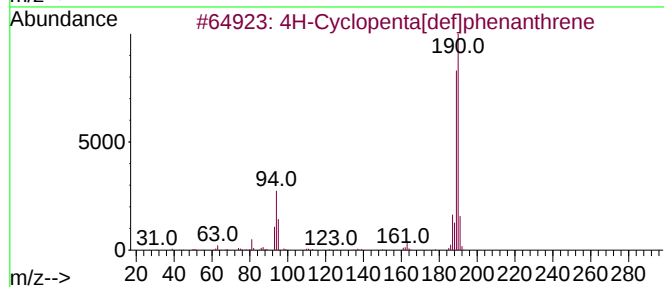
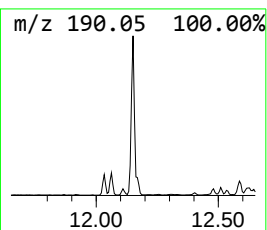
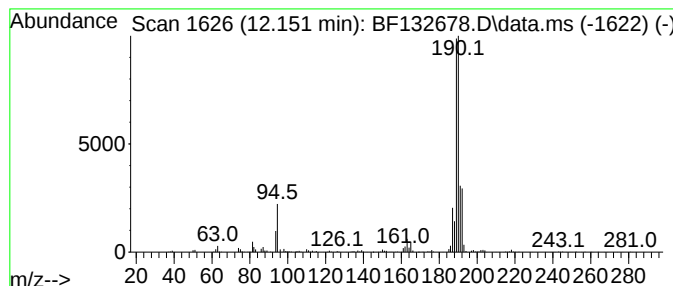
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	22.79 ng	1304090	Phenanthrene-d10	11.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4			Methyl diselenide	190	C2H6Se2	007101-31-7	49
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
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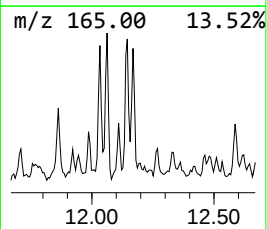
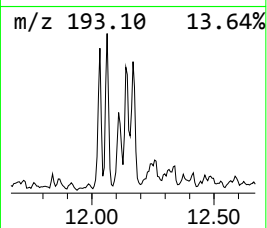
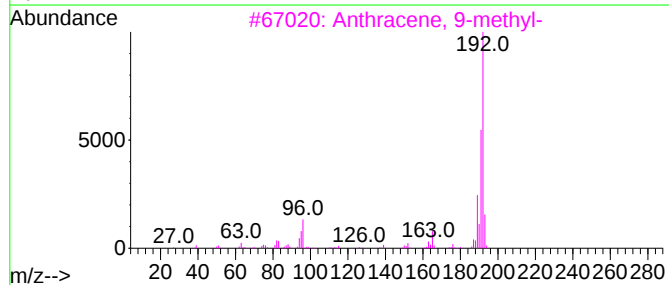
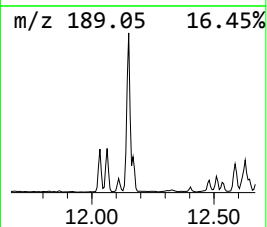
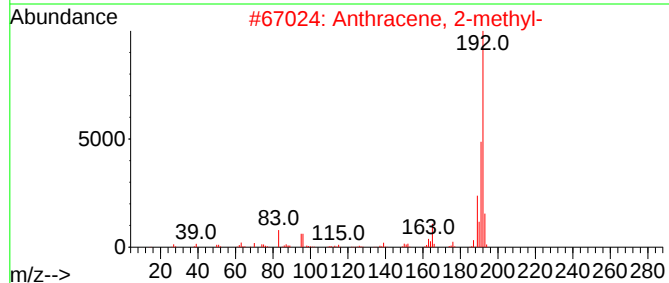
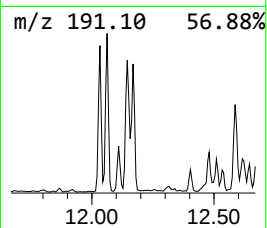
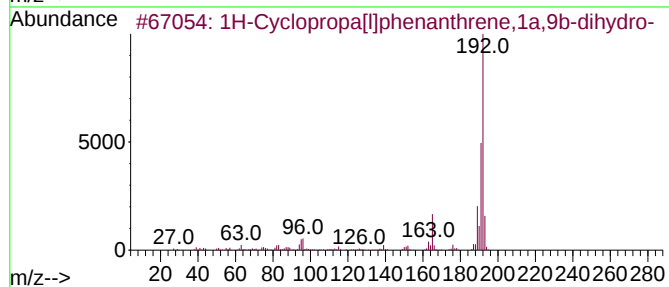
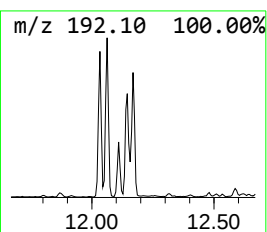
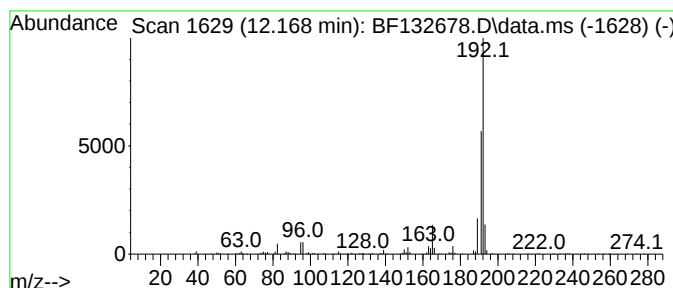
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.169	6.40 ng	366219	Phenanthrene-d10	11.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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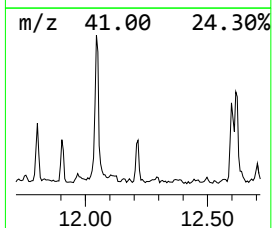
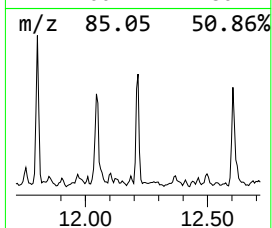
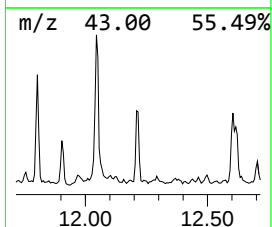
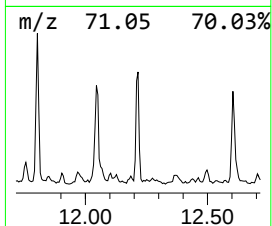
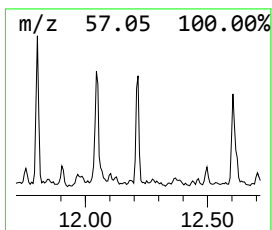
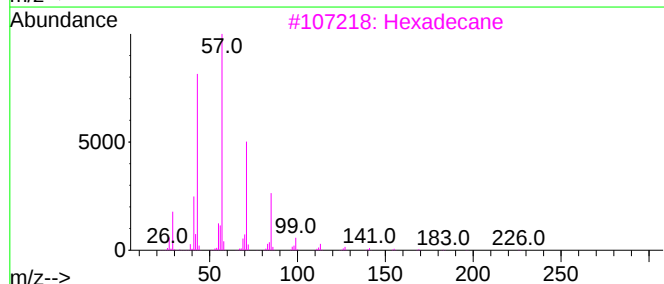
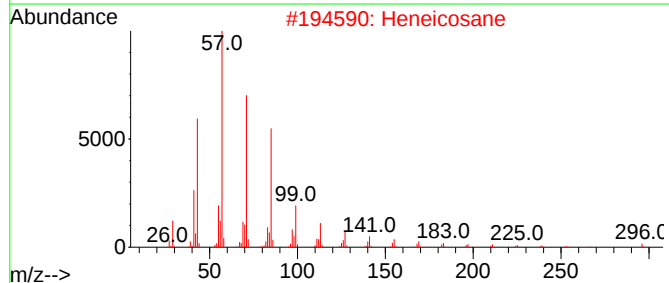
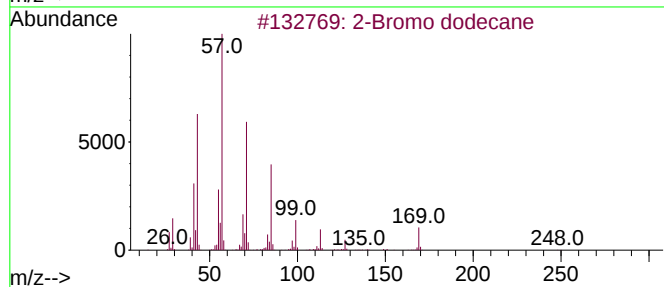
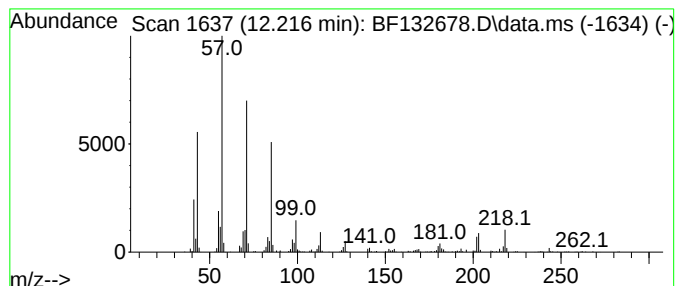
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Bromo dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	7.12 ng	407430	Phenanthrene-d10	11.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2			Heneicosane	296	C21H44	000629-94-7	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
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Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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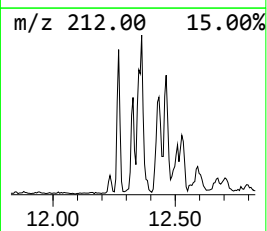
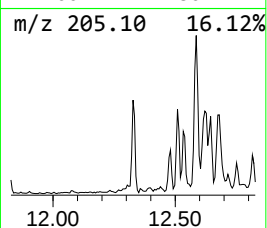
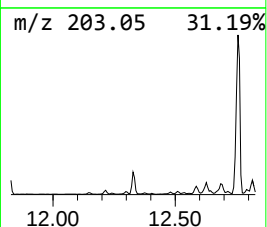
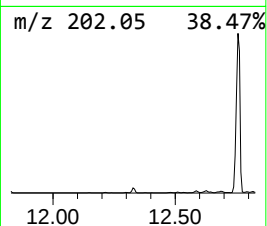
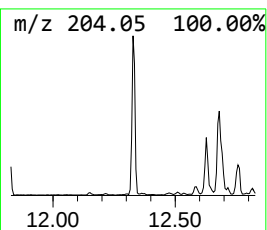
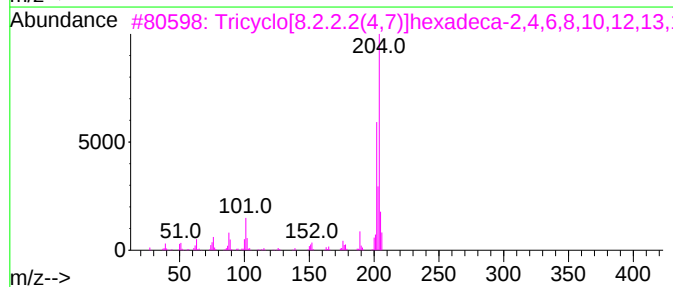
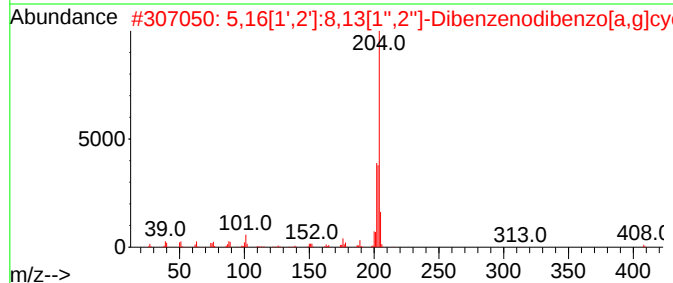
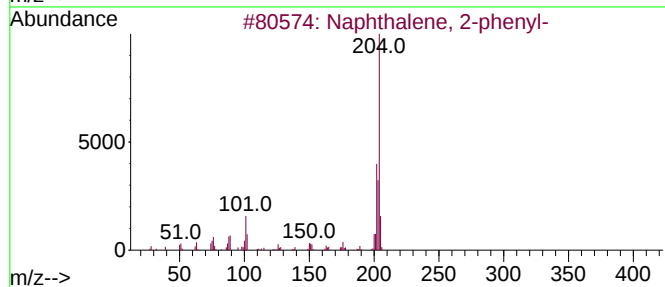
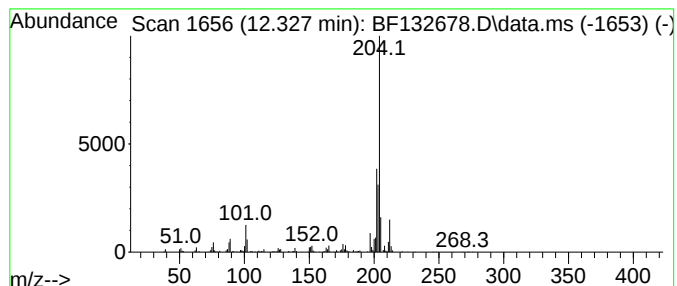
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	7.78 ng	445181	Phenanthrene-d10	11.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

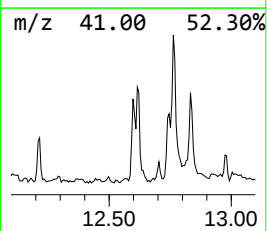
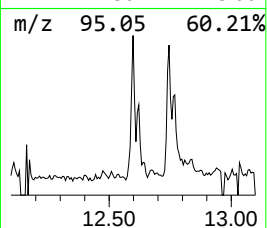
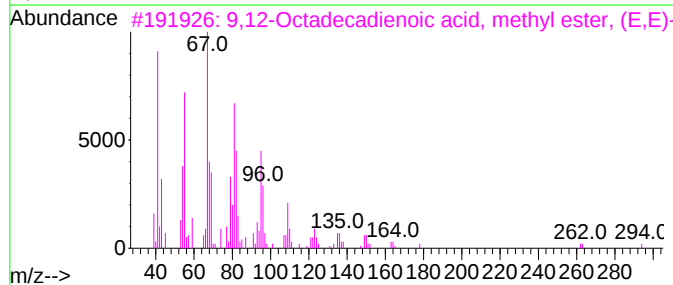
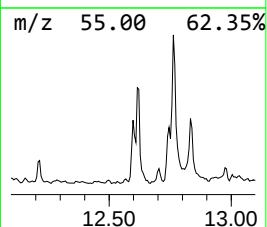
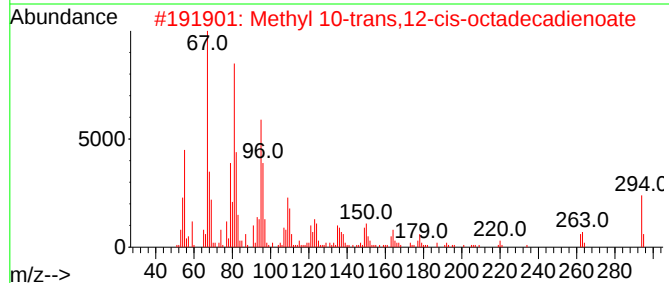
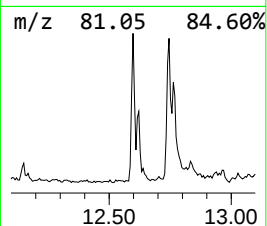
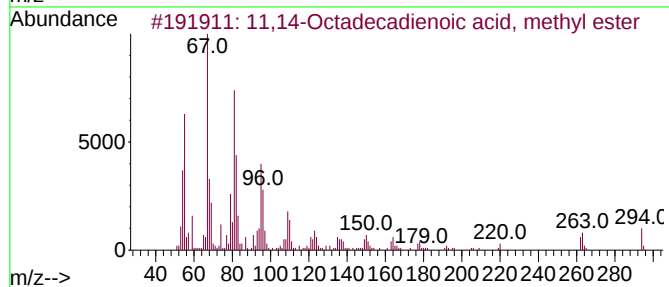
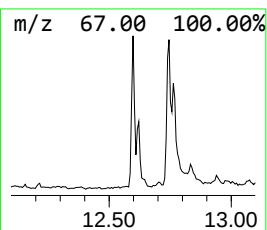
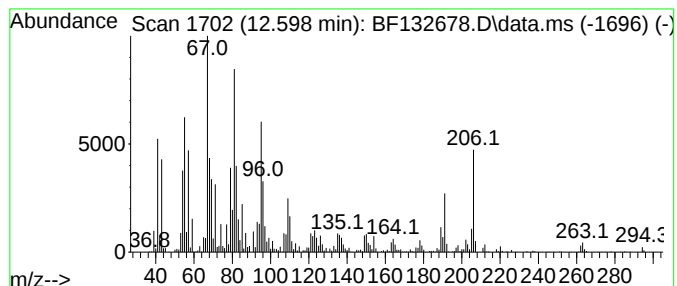
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11,14-Octadecadienoic acid,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.598	29.48 ng	1687000	Phenanthrene-d10	11.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
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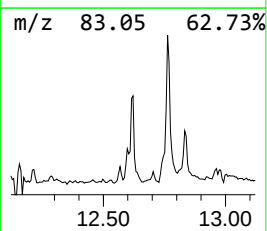
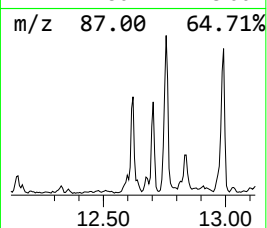
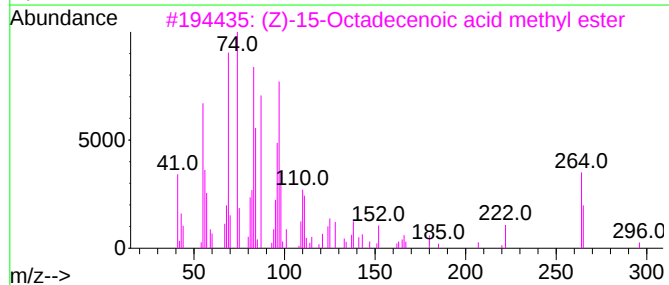
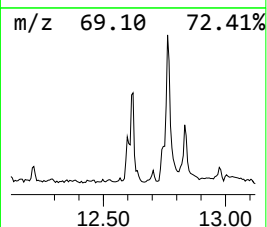
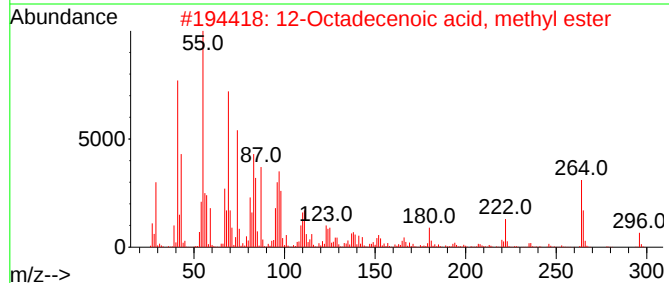
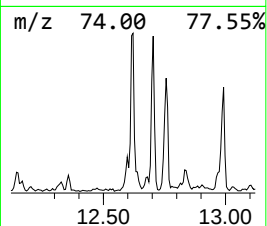
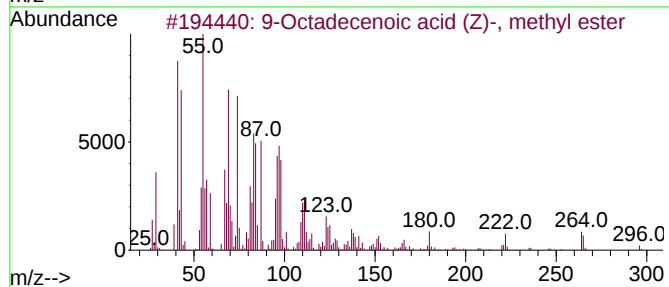
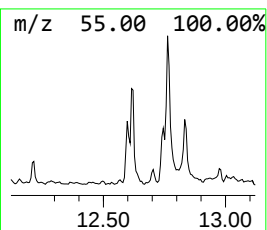
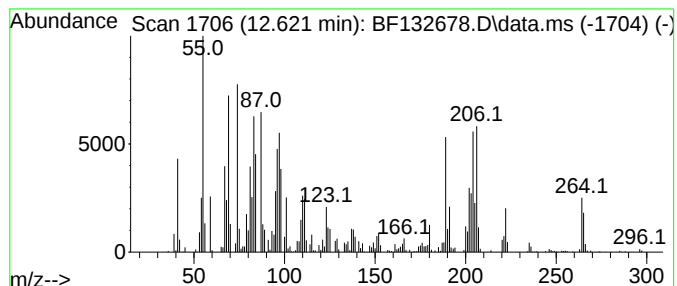
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.621	21.90 ng	1253450	Phenanthrene-d10	11.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	90
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	83
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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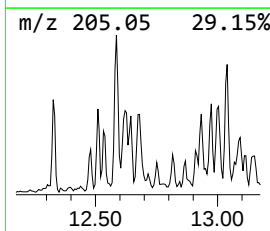
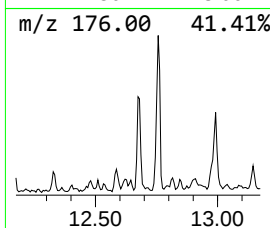
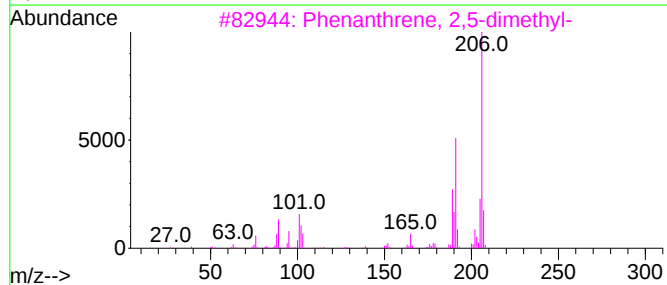
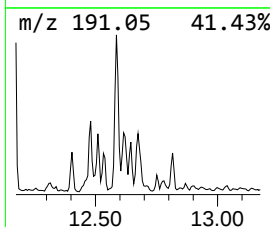
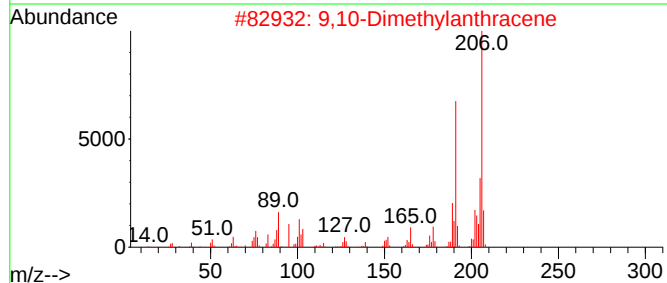
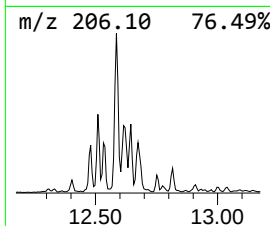
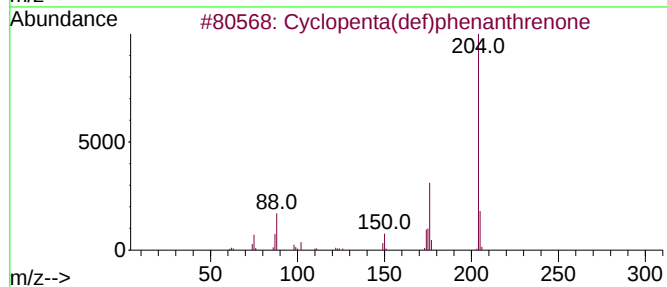
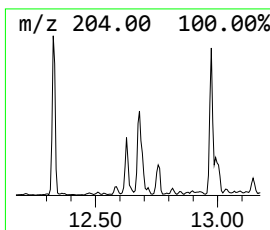
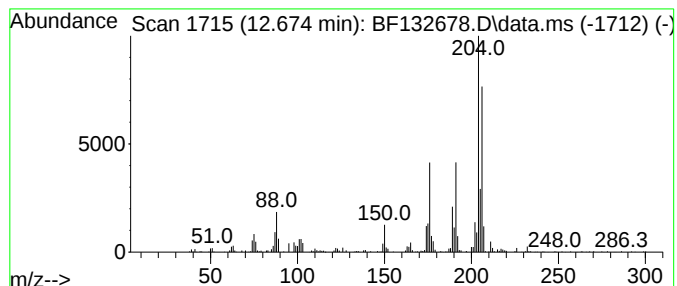
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.674	8.19 ng	468617	Phenanthrene-d10	11.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	70
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	50
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-03032023

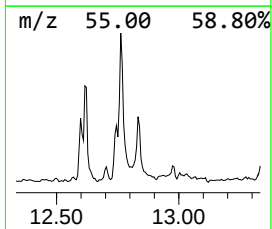
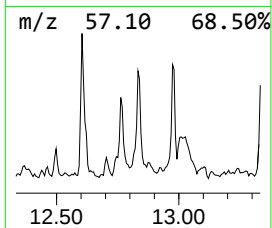
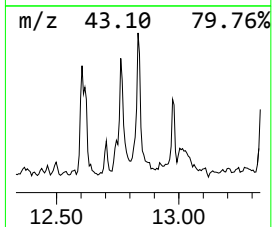
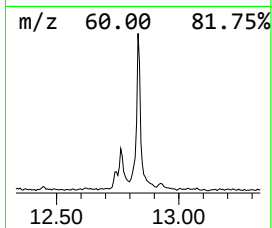
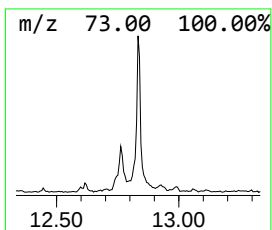
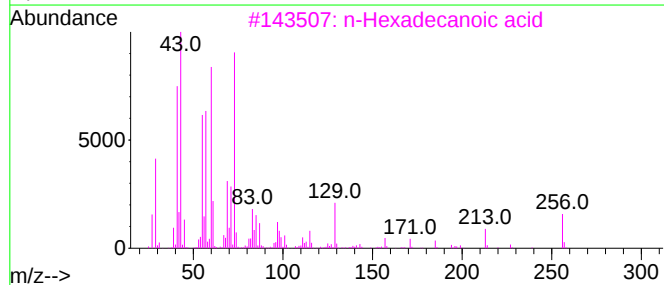
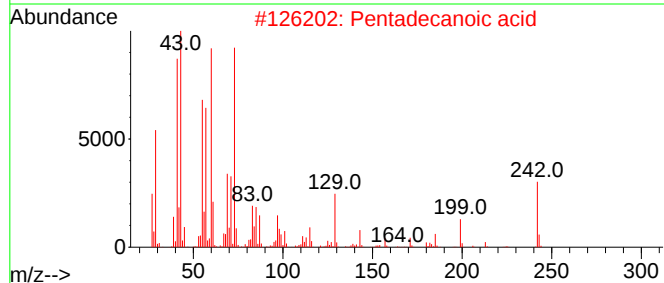
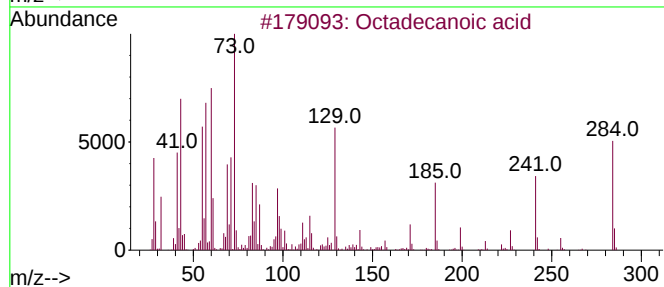
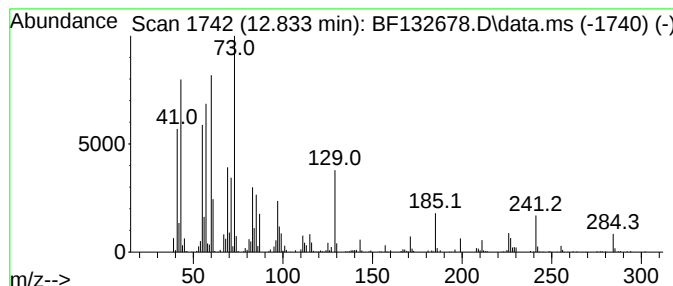
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.833	15.44 ng	883708	Phenanthrene-d10	11.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			Tridecanoic acid	214	C13H26O2	000638-53-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-03032023

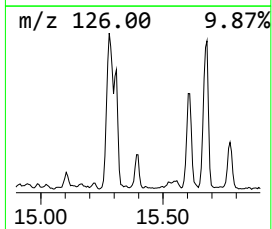
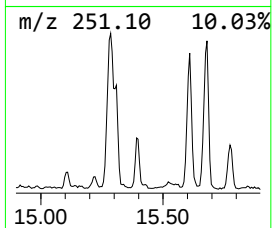
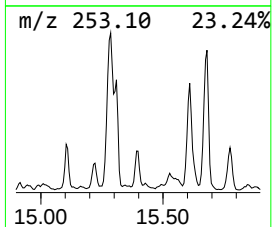
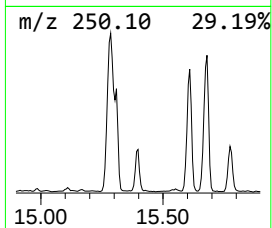
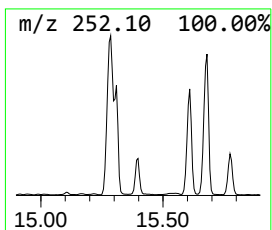
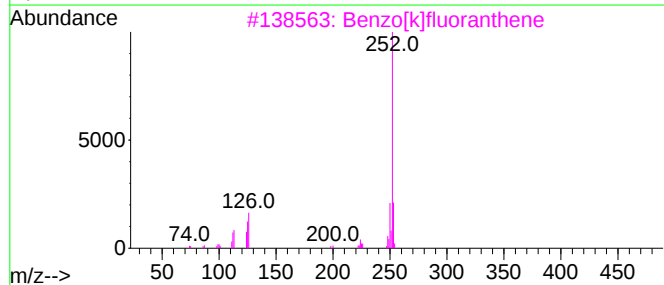
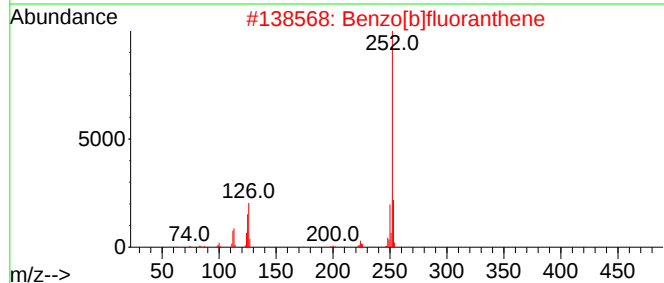
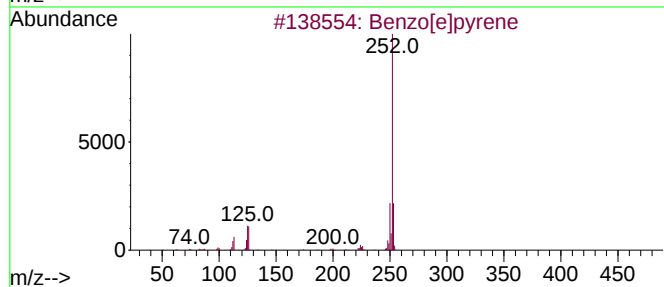
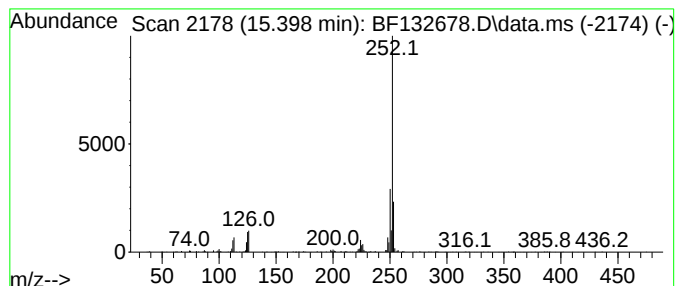
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	9.56 ng	423532	Perylene-d12	15.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-03032023

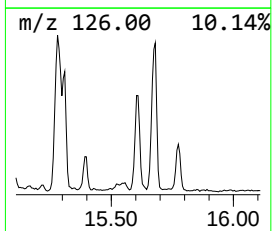
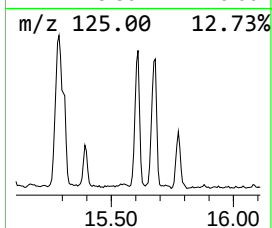
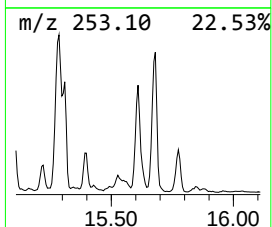
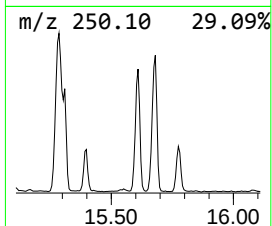
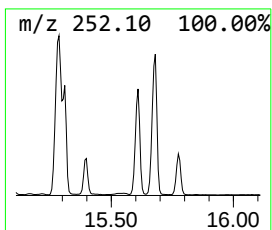
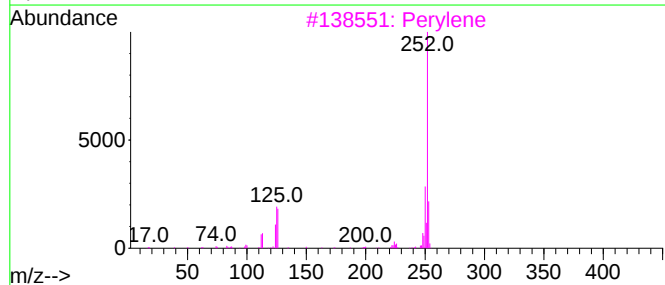
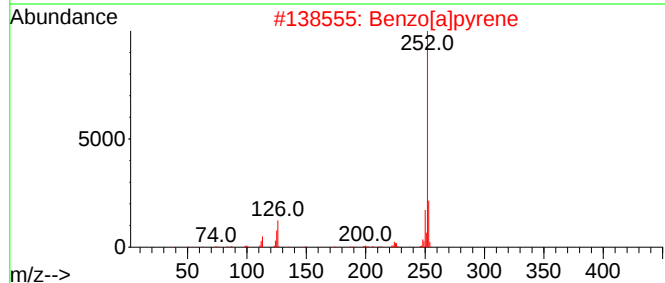
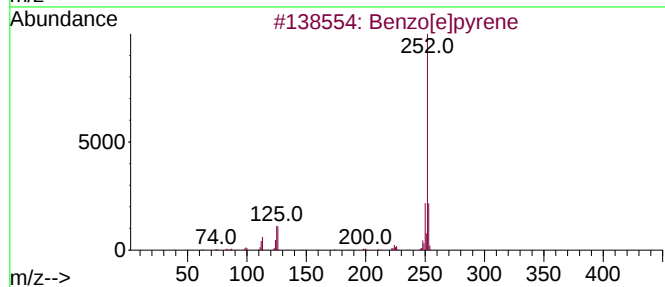
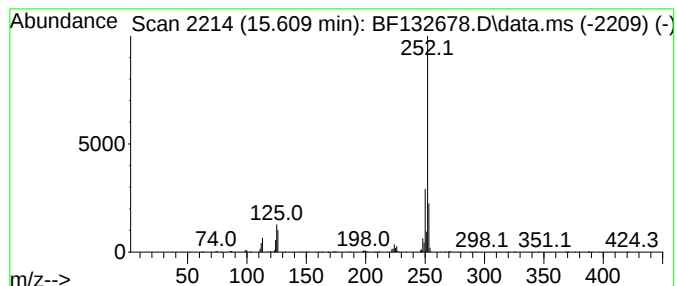
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	33.39 ng	1479470	Perylene-d12	15.739

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	96
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132678.D
Acq On : 07 Mar 2023 15:06
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-03032023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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
2-Pentanone, 4-...	5.216	31.2	ng	1504820	1	6.986	963377	20.0
Decane, 2,3,5-t...	9.416	6.5	ng	391163	3	10.033	1200050	20.0
Naphthalene, 2,...	9.686	7.0	ng	417460	3	10.033	1200050	20.0
Tetradecane, 1-...	9.739	7.0	ng	417936	3	10.033	1200050	20.0
Hexadecane	10.451	12.4	ng	745273	3	10.033	1200050	20.0
Undecane	10.669	6.7	ng	403929	3	10.033	1200050	20.0
Heptadecane	10.927	18.7	ng	1068200	4	11.527	1144510	20.0
Dodecane, 2-met...	11.374	10.5	ng	600032	4	11.527	1144510	20.0
Hexadecanoic ac...	11.904	7.3	ng	419699	4	11.527	1144510	20.0
n-Hexadecanoic ...	12.045	47.6	ng	2726450	4	11.527	1144510	20.0
4H-Cyclopenta[d...	12.151	22.8	ng	1304090	4	11.527	1144510	20.0
1H-Cyclopropa[l...	12.169	6.4	ng	366219	4	11.527	1144510	20.0
2-Bromo dodecane	12.216	7.1	ng	407430	4	11.527	1144510	20.0
Naphthalene, 2-...	12.327	7.8	ng	445181	4	11.527	1144510	20.0
11,14-Octadecad...	12.598	29.5	ng	1687000	4	11.527	1144510	20.0
9-Octadecenoic ...	12.621	21.9	ng	1253450	4	11.527	1144510	20.0
Cyclopenta(def)...	12.674	8.2	ng	468617	4	11.527	1144510	20.0
Octadecanoic acid	12.833	15.4	ng	883708	4	11.527	1144510	20.0
Benzo[e]pyrene	15.398	9.6	ng	423532	6	15.739	886204	20.0
Perylene	15.609	33.4	ng	1479470	6	15.739	886204	20.0