

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132669.D
 Acq On : 07 Mar 2023 02:00
 Operator : CG\JU
 Sample : 01817-01
 Misc :
 ALS Vial : 22 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: BF132669.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.228	445	449	463	rVB	1147829	1352118	21.94%	1.786%
2	5.628	513	517	528	rVB	3030096	2881943	46.75%	3.807%
3	6.622	682	686	698	rVB	2720924	2661659	43.18%	3.516%
4	6.998	747	750	754	rBV	1006086	843059	13.68%	1.114%
5	7.563	842	846	849	rBV	1979050	1638441	26.58%	2.164%
6	8.287	966	969	971	rVV	1147251	931603	15.11%	1.231%
7	8.304	971	972	975	rVV	131888	109980	1.78%	0.145%
8	8.863	1064	1067	1071	rVB	175392	131777	2.14%	0.174%
9	9.104	1102	1108	1110	rBV2	129307	133935	2.17%	0.177%
10	9.357	1148	1151	1155	rVB	2816208	2457557	39.87%	3.247%
11	9.428	1160	1163	1167	rBV	332965	275446	4.47%	0.364%
12	9.622	1193	1196	1201	rVB5	77343	117093	1.90%	0.155%
13	9.704	1201	1210	1212	rBV4	169013	288547	4.68%	0.381%
14	9.751	1215	1218	1220	rBV	157597	139441	2.26%	0.184%
15	9.816	1226	1229	1232	rBV2	95889	128859	2.09%	0.170%
16	9.910	1241	1245	1249	rBV	486148	446067	7.24%	0.589%
17	9.963	1251	1254	1258	rVB	442950	365733	5.93%	0.483%
18	10.045	1265	1268	1271	rVB	1036204	855174	13.87%	1.130%
19	10.081	1271	1274	1277	rBV	249945	192736	3.13%	0.255%
20	10.198	1290	1294	1296	rBV3	71059	108137	1.75%	0.143%
21	10.251	1300	1303	1306	rVB2	194516	181401	2.94%	0.240%
22	10.286	1306	1309	1313	rBV2	167745	178905	2.90%	0.236%
23	10.363	1318	1322	1325	rBV3	141211	186680	3.03%	0.247%
24	10.463	1333	1339	1342	rBV	552917	506888	8.22%	0.670%
25	10.598	1359	1362	1368	rVV	366059	375146	6.09%	0.496%
26	10.680	1371	1376	1379	rVV2	219366	282145	4.58%	0.373%
27	10.757	1387	1389	1392	rVB	187817	179908	2.92%	0.238%
28	10.839	1399	1403	1407	rBV	1791574	1602771	26.00%	2.117%
29	10.939	1417	1420	1429	rVB	530940	770681	12.50%	1.018%
30	11.145	1450	1455	1457	rBV3	157876	239176	3.88%	0.316%
31	11.227	1466	1469	1472	rVB2	124510	132865	2.16%	0.176%
32	11.263	1472	1475	1480	rBV5	89428	185460	3.01%	0.245%
33	11.386	1493	1496	1499	rVV	488268	418830	6.79%	0.553%
34	11.416	1499	1501	1503	rVV	184824	188430	3.06%	0.249%
35	11.439	1503	1505	1509	rVB	254311	219265	3.56%	0.290%
36	11.545	1519	1523	1525	rBV	1185304	1058530	17.17%	1.398%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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37	11.569	1525	1527	1531	rVV	2017953	1692401	27.46%	2.236%
38	11.622	1533	1536	1539	rVV	793815	667380	10.83%	0.882%
39	11.651	1539	1541	1544	rVV	162906	206005	3.34%	0.272%
40	11.698	1547	1549	1555	rVV5	91304	155149	2.52%	0.205%
41	11.775	1559	1562	1567	rVV	209255	269170	4.37%	0.356%
42	11.816	1567	1569	1571	rVV	413927	354904	5.76%	0.469%
43	11.839	1571	1573	1575	rVV	131524	108541	1.76%	0.143%
44	11.875	1577	1579	1584	rVB	216353	206642	3.35%	0.273%
45	11.922	1584	1587	1591	rVB	406688	330379	5.36%	0.436%
46	11.957	1591	1593	1596	rBV	99755	107618	1.75%	0.142%
47	12.057	1605	1610	1612	rBV2	902965	1292406	20.97%	1.707%
48	12.080	1612	1614	1617	rVV	754520	612248	9.93%	0.809%
49	12.127	1618	1622	1625	rVV	247079	275039	4.46%	0.363%
50	12.163	1625	1628	1630	rVV2	1068118	1134907	18.41%	1.499%
51	12.186	1630	1632	1636	rVB	553020	456733	7.41%	0.603%
52	12.227	1636	1639	1642	rBV	434851	351774	5.71%	0.465%
53	12.345	1656	1659	1661	rVV	469502	396087	6.43%	0.523%
54	12.374	1661	1664	1670	rVB	322598	334447	5.43%	0.442%
55	12.474	1679	1681	1683	rBV	109889	116504	1.89%	0.154%
56	12.492	1683	1684	1687	rVV	180761	154003	2.50%	0.203%
57	12.527	1687	1690	1692	rVB	250366	187262	3.04%	0.247%
58	12.551	1692	1694	1697	rVB2	242438	181489	2.94%	0.240%
59	12.616	1699	1705	1706	rBV2	1041021	1459530	23.68%	1.928%
60	12.633	1706	1708	1711	rVV2	1146608	1098039	17.81%	1.451%
61	12.692	1715	1718	1721	rBV2	367202	498781	8.09%	0.659%
62	12.774	1726	1732	1736	rBV	5193423	6164198	100.00%	8.143%
63	12.833	1740	1742	1743	rVV	204742	164410	2.67%	0.217%
64	12.863	1743	1747	1750	rVB3	288067	415471	6.74%	0.549%
65	12.927	1755	1758	1760	rBV	210792	199151	3.23%	0.263%
66	13.010	1765	1772	1776	rVV	4429313	5458447	88.55%	7.211%
67	13.051	1776	1779	1783	rVB2	384860	396742	6.44%	0.524%
68	13.139	1788	1794	1796	rVV	3034503	2880110	46.72%	3.805%
69	13.157	1796	1797	1801	rVB	278410	259443	4.21%	0.343%
70	13.216	1803	1807	1815	rBV4	528258	1038953	16.85%	1.372%
71	13.274	1815	1817	1819	rBV2	144919	124777	2.02%	0.165%
72	13.310	1819	1823	1824	rBV3	369499	451732	7.33%	0.597%
73	13.333	1824	1827	1829	rVB	1044851	910047	14.76%	1.202%
74	13.398	1835	1838	1841	rVB	921891	726743	11.79%	0.960%
75	13.439	1841	1845	1848	rBV2	770573	813688	13.20%	1.075%
76	13.533	1858	1861	1863	rBV	510654	449134	7.29%	0.593%

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77	13.563	1863	1866	1869	rVV	584562	502668	8.15%	0.664%
78	13.698	1887	1889	1893	rBV3	120816	111096	1.80%	0.147%
79	13.816	1906	1909	1911	rBV2	207137	253501	4.11%	0.335%
80	13.845	1911	1914	1918	rVB	468110	524857	8.51%	0.693%
81	13.957	1930	1933	1935	rBV	454949	400216	6.49%	0.529%
82	13.986	1935	1938	1940	rVB	415032	364978	5.92%	0.482%
83	14.010	1940	1942	1944	rBV	384455	402306	6.53%	0.531%
84	14.204	1971	1975	1979	rBV2	2454192	3545318	57.51%	4.683%
85	14.239	1979	1981	1988	rVB	2383087	2125386	34.48%	2.808%
86	14.292	1988	1990	1992	rBV2	167417	145856	2.37%	0.193%
87	14.316	1992	1994	1997	rBV	373879	364585	5.91%	0.482%
88	14.433	2011	2014	2017	rBV2	207816	291428	4.73%	0.385%
89	14.598	2037	2042	2045	rBV	609933	707452	11.48%	0.935%
90	14.633	2045	2048	2050	rBV	292891	253561	4.11%	0.335%
91	14.727	2062	2064	2066	rBV	260018	239526	3.89%	0.316%
92	14.751	2066	2068	2072	rVB	357681	336705	5.46%	0.445%
93	15.304	2158	2162	2166	rBV	1387153	2430928	39.44%	3.211%
94	15.421	2179	2182	2185	rBV	308682	338918	5.50%	0.448%
95	15.633	2214	2218	2225	rVB	932821	1283991	20.83%	1.696%
96	15.704	2225	2230	2235	rBV	1393426	1758536	28.53%	2.323%
97	15.768	2237	2241	2244	rVV	461605	696970	11.31%	0.921%
98	15.804	2244	2247	2254	rVB2	357922	564224	9.15%	0.745%
99	17.380	2509	2515	2522	rVB2	560666	1165532	18.91%	1.540%
100	17.868	2593	2598	2608	rVB	461053	1023035	16.60%	1.351%

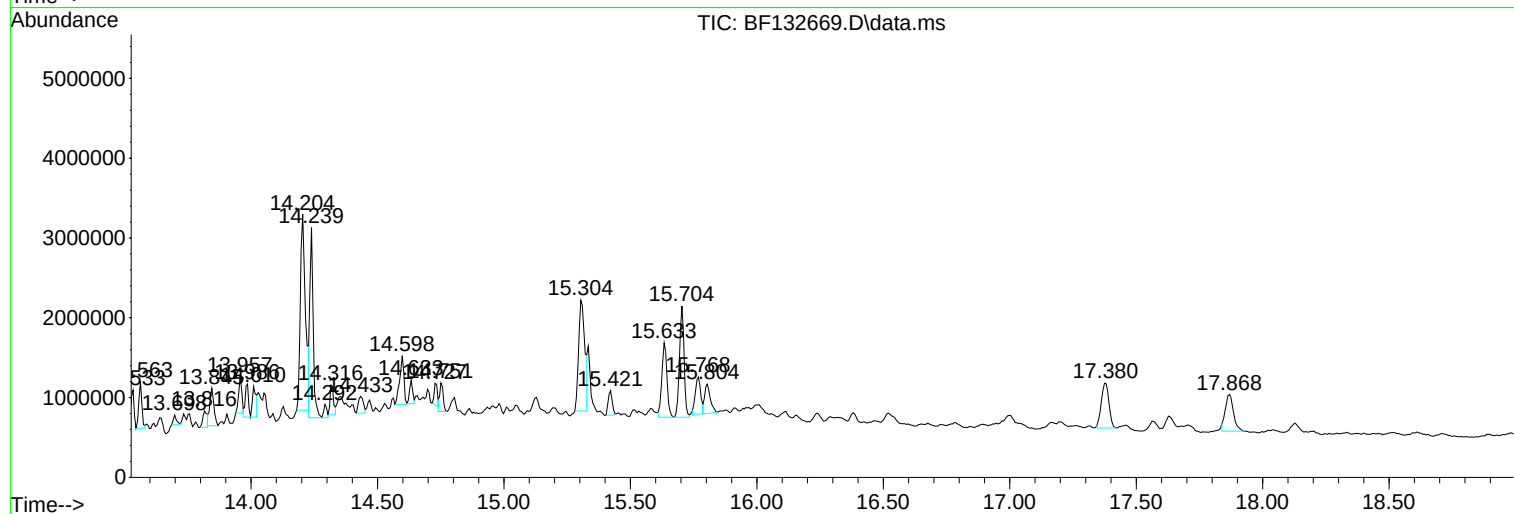
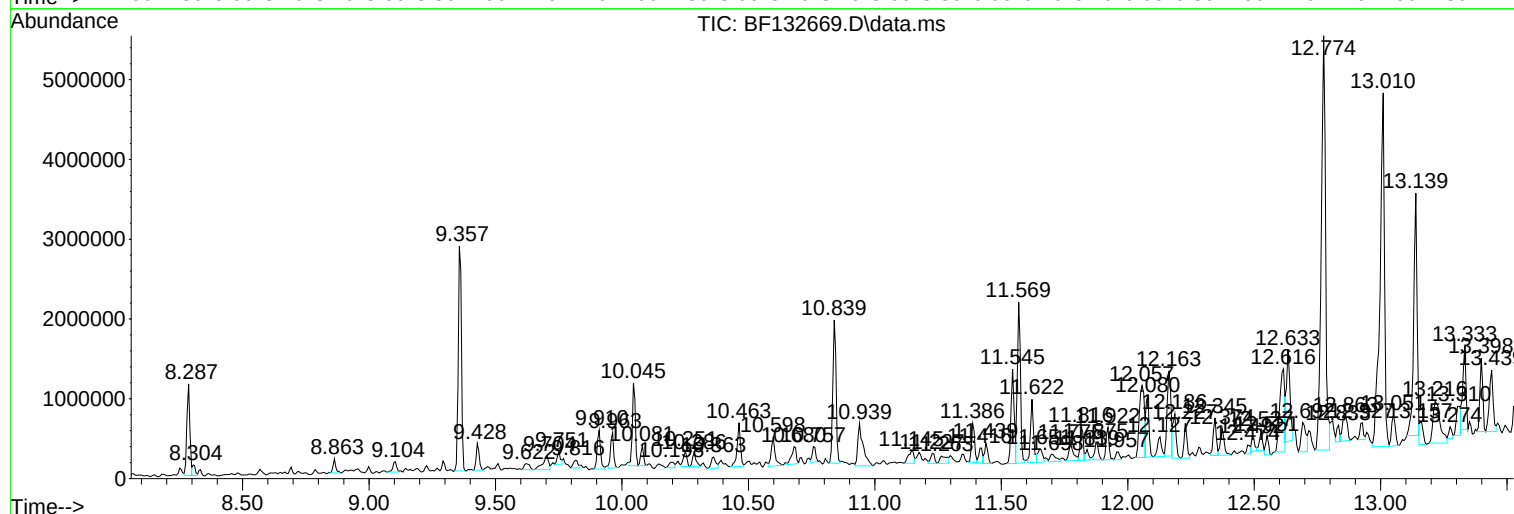
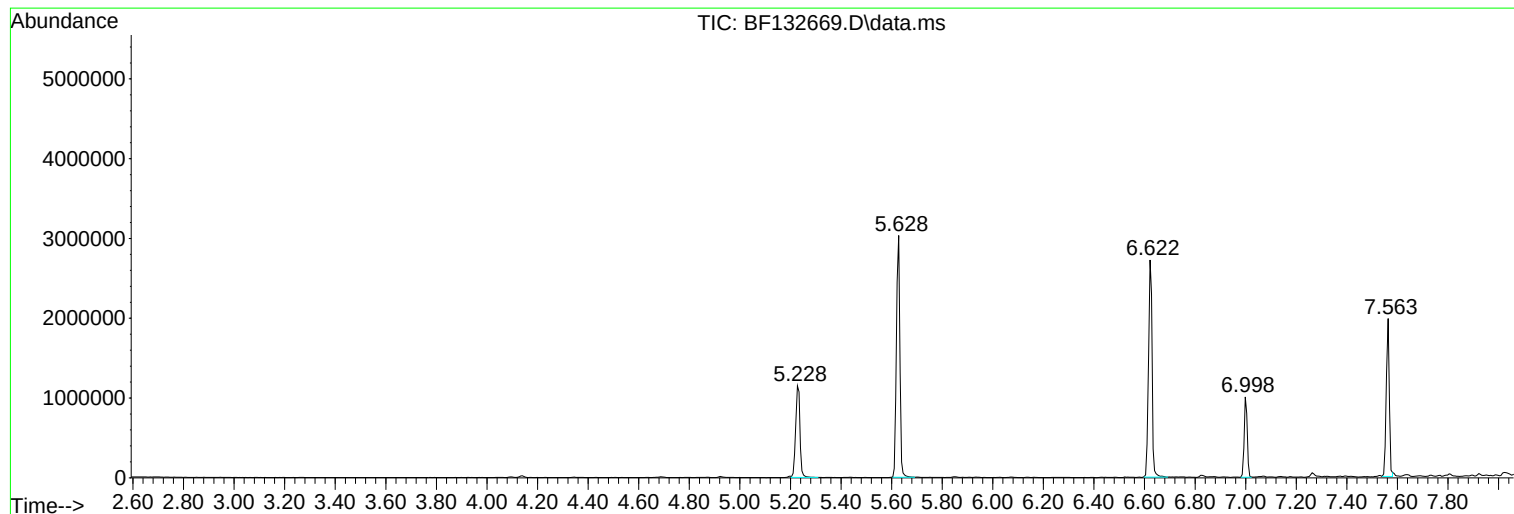
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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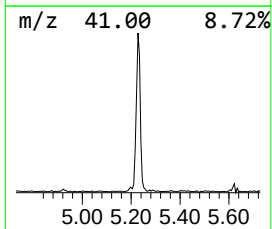
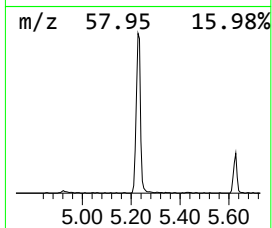
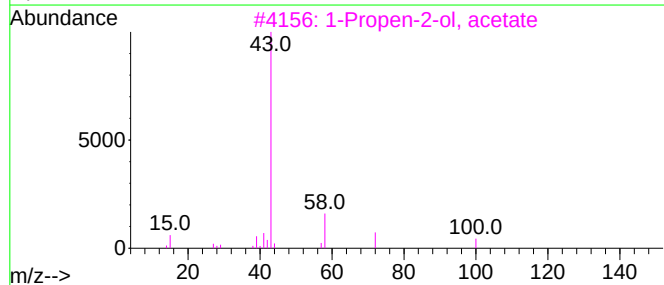
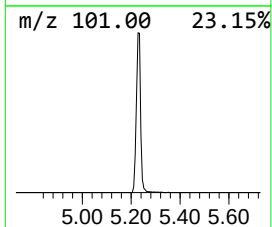
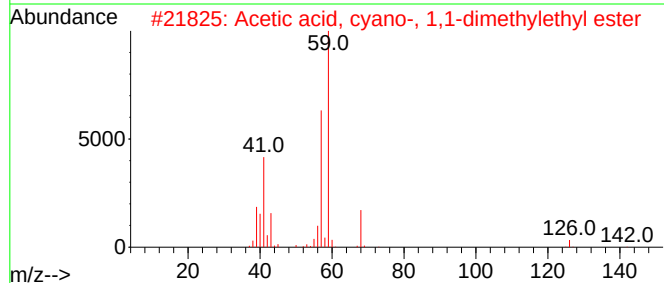
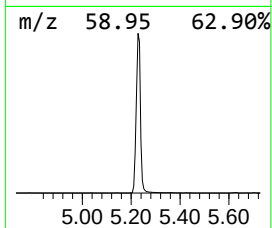
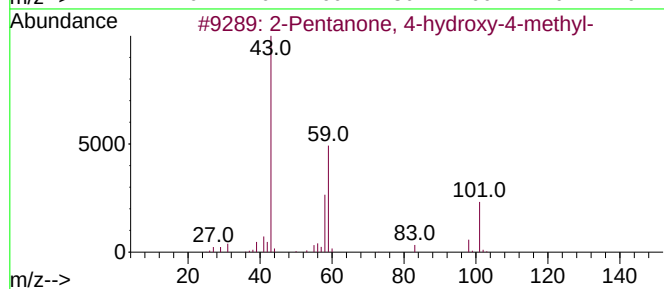
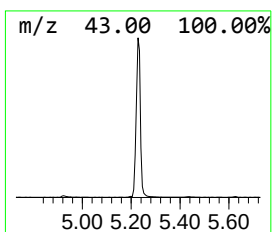
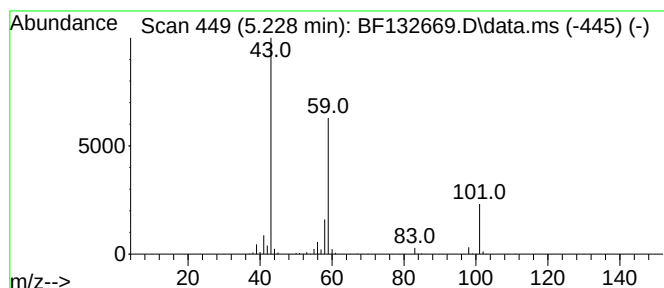
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.228	32.08 ng	1352120	1,4-Dichlorobenzene-d4	6.998

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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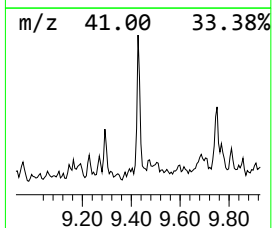
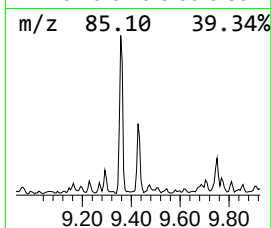
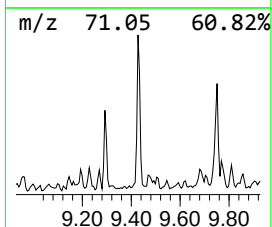
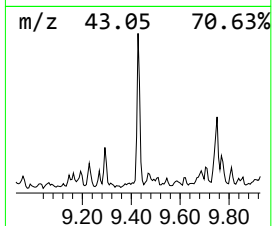
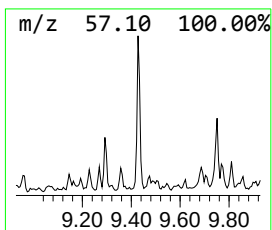
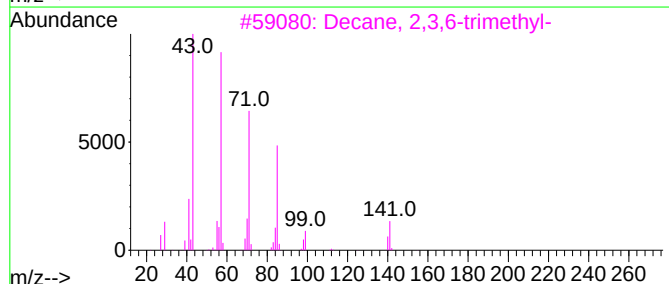
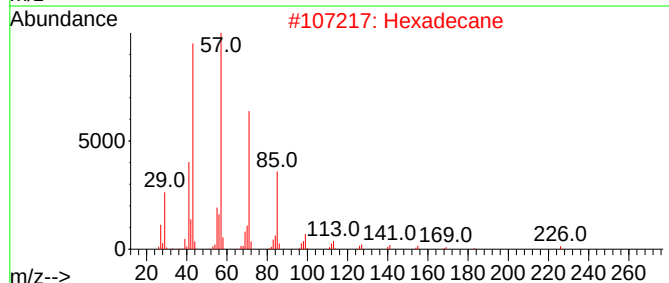
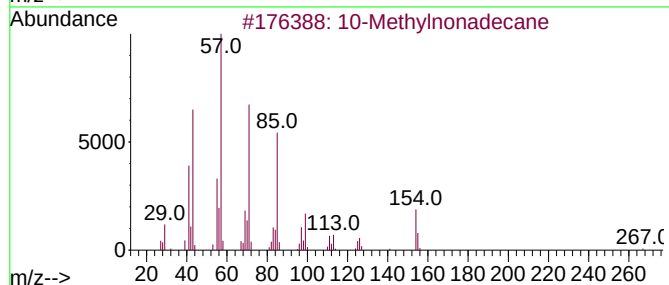
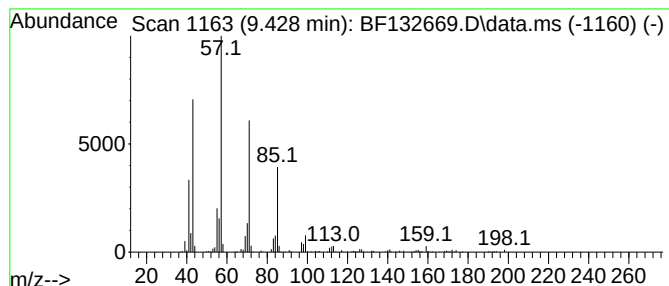
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 10-Methylnonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	6.44 ng	275446	Acenaphthene-d10	10.045

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Methylnonadecane	282	C20H42	056862-62-5	90
2		Hexadecane	226	C16H34	000544-76-3	83
3		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
4		Decane, 3-methyl-	156	C11H24	013151-34-3	72
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72



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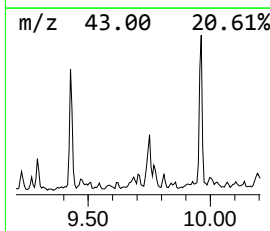
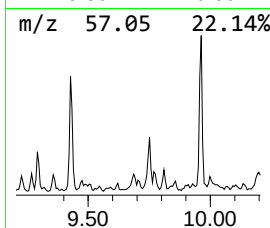
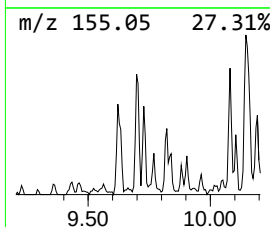
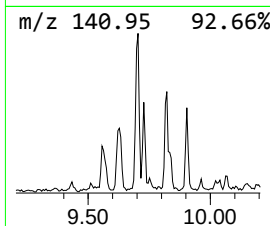
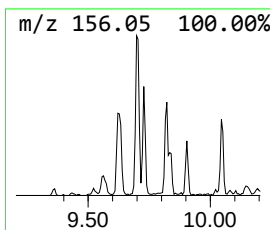
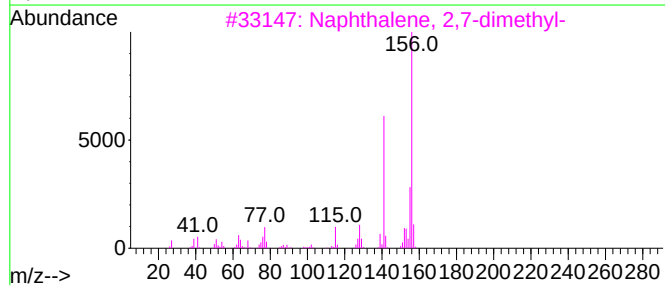
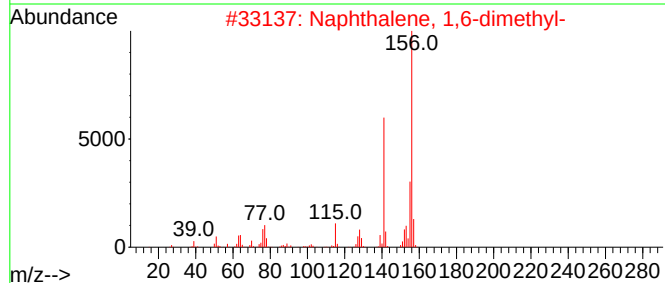
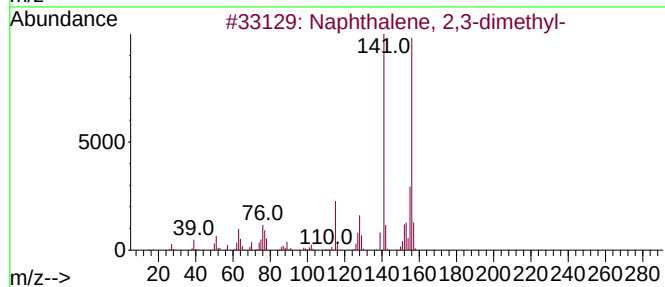
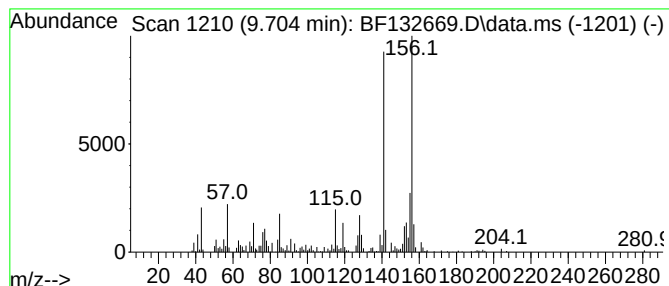
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.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.
9.704	6.75 ng	288547	Acenaphthene-d10	10.045

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	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-03032023

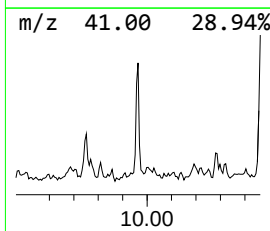
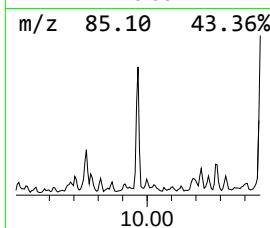
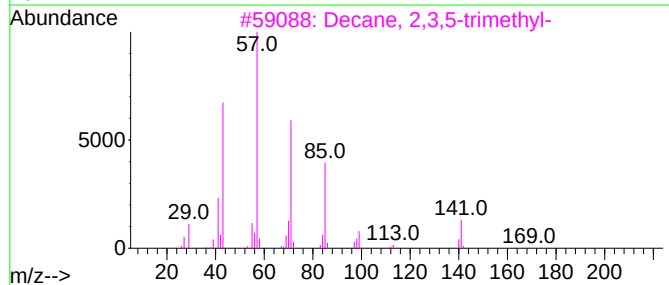
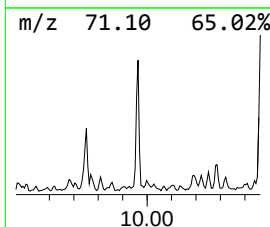
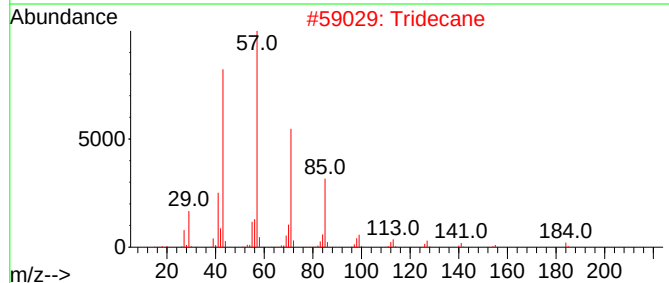
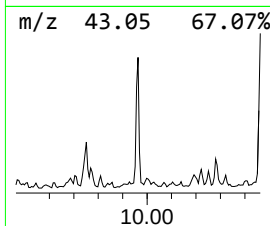
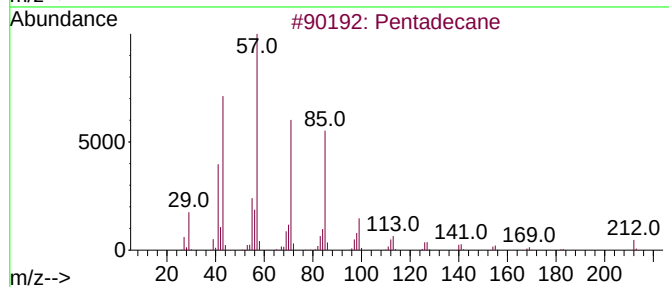
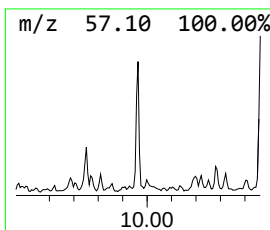
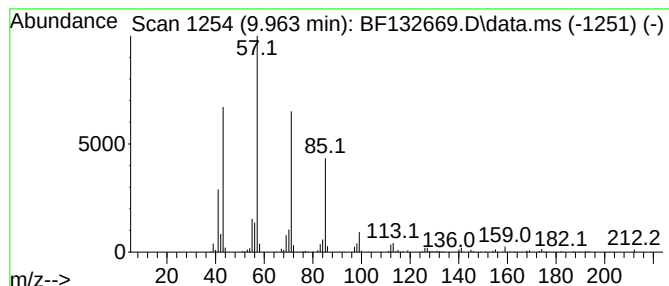
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	8.55 ng	365733	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5			9-methylheptadecane	254	C18H38	026741-18-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
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ALS Vial : 22 Sample Multiplier: 1

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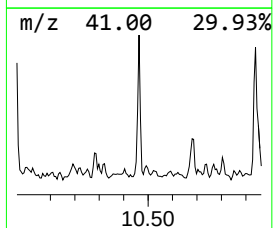
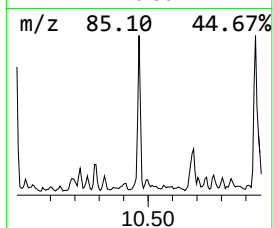
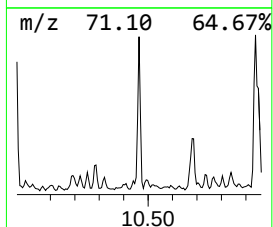
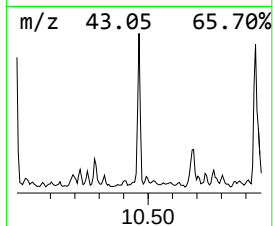
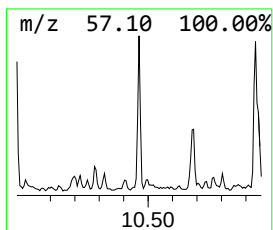
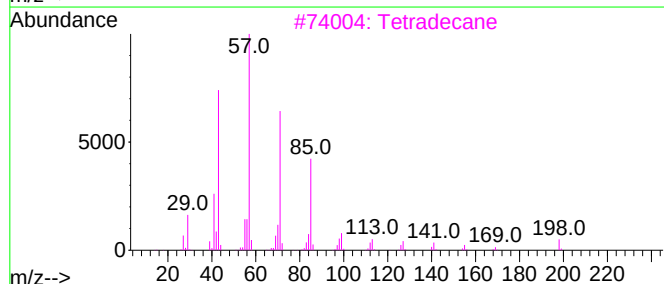
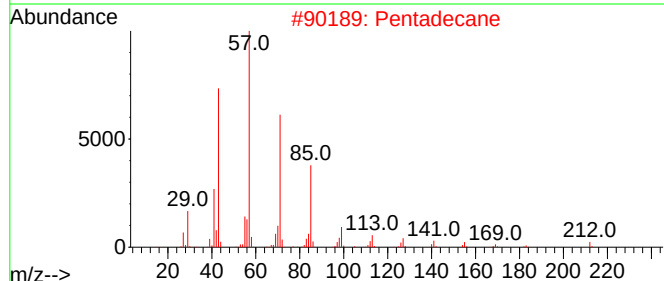
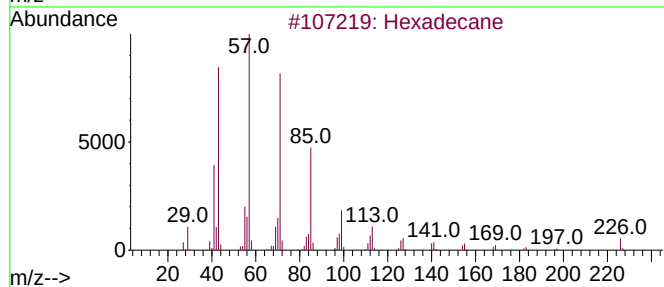
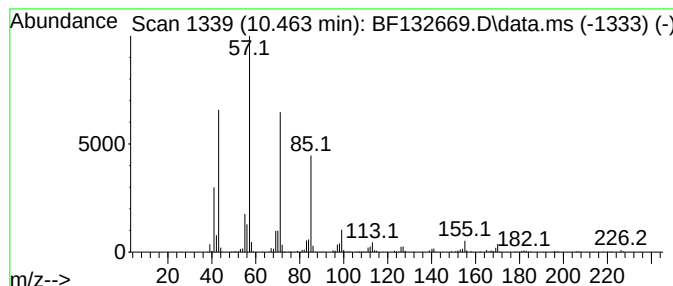
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
10.463	11.85 ng	506888	Acenaphthene-d10	10.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Pentadecane	212	C15H32	000629-62-9	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

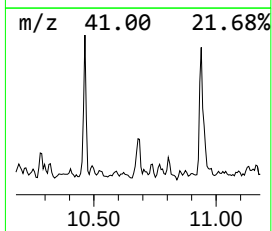
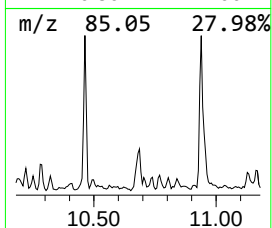
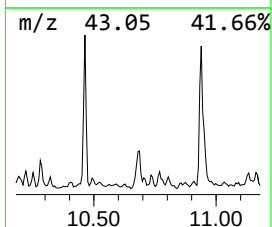
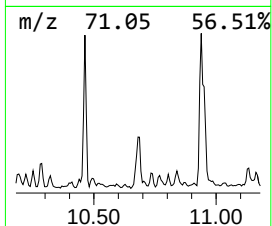
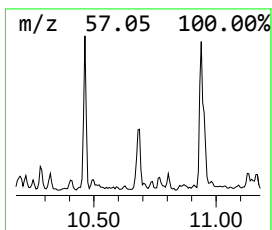
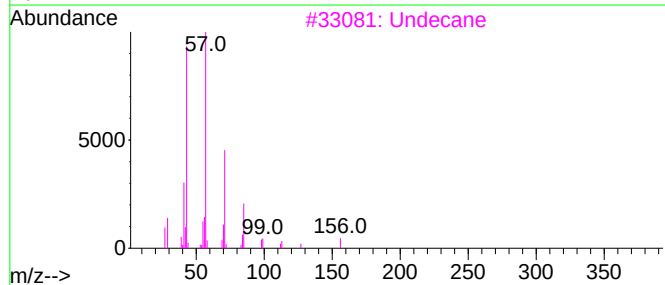
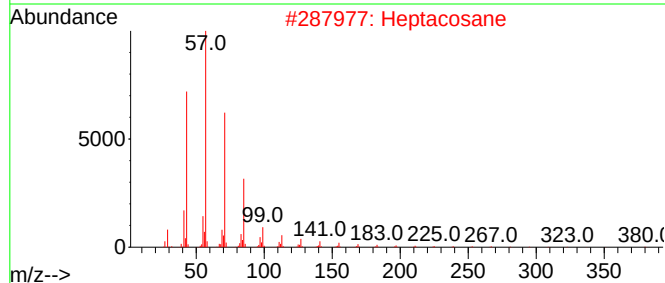
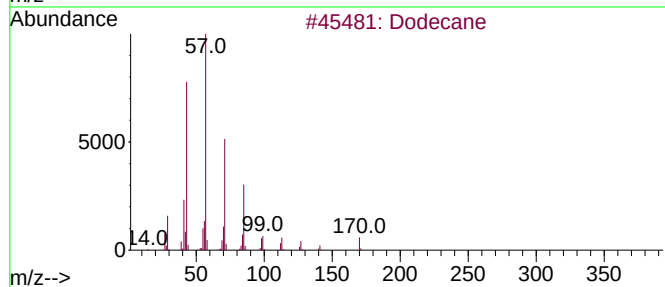
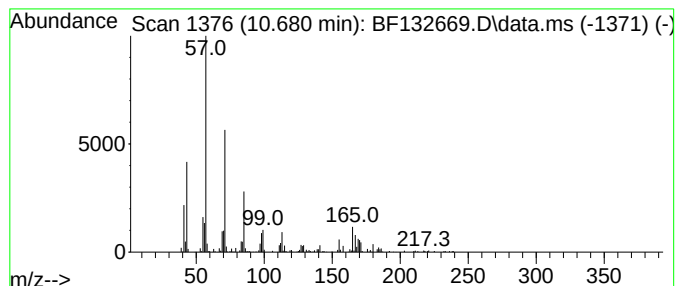
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.681	6.60 ng	282145	Acenaphthene-d10		10.045	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	81
2	Heptacosane		380	C27H56	000593-49-7	74
3	Undecane		156	C11H24	001120-21-4	74
4	Eicosane		282	C20H42	000112-95-8	72
5	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
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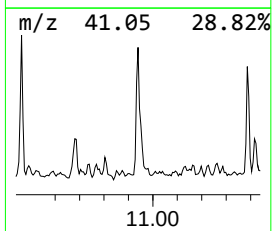
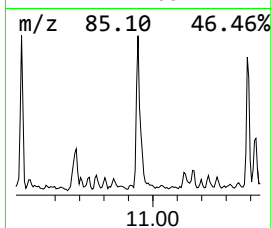
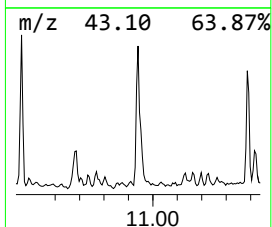
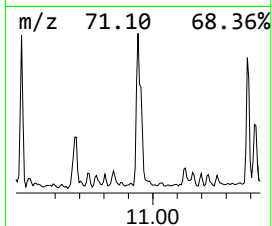
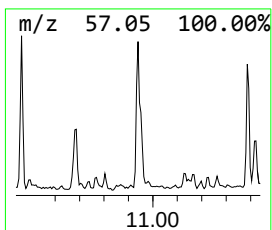
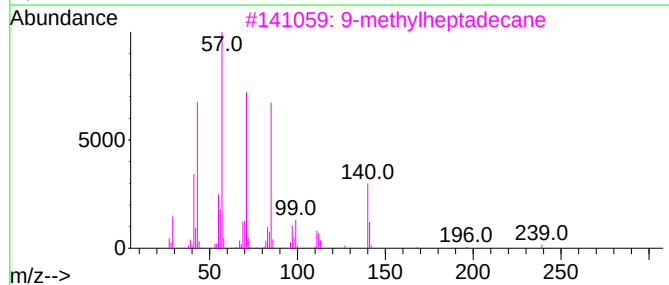
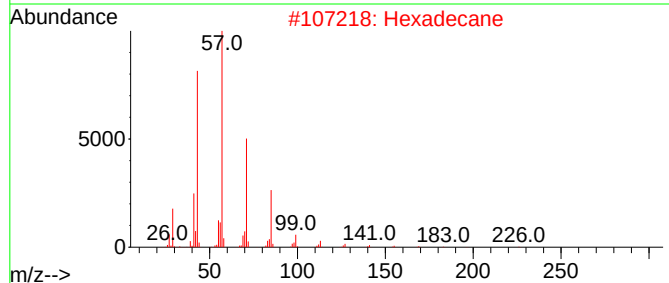
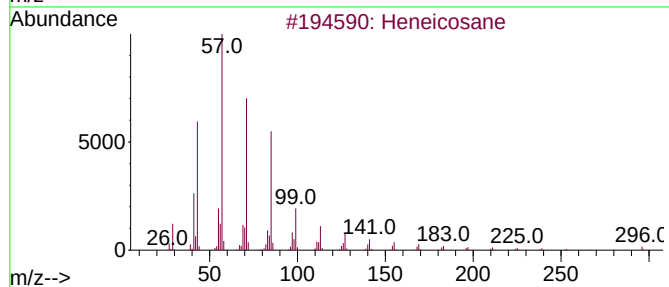
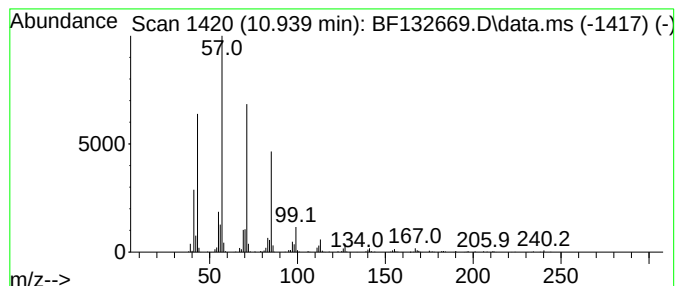
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.939	14.56 ng	770681	Phenanthrene-d10	11.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			9-methylheptadecane	254	C18H38	026741-18-4	86
4			Nonadecane	268	C19H40	000629-92-5	80
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
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Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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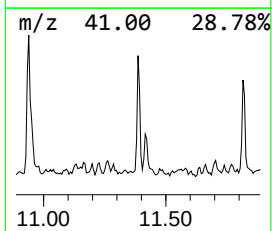
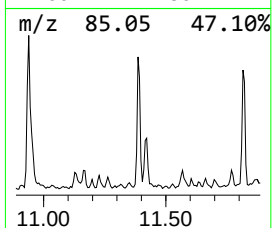
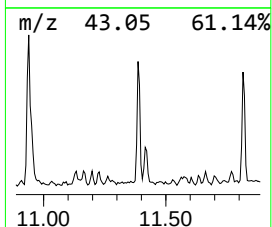
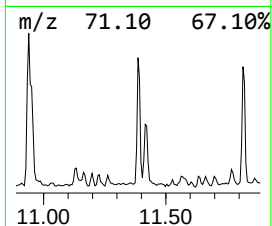
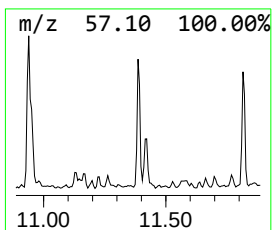
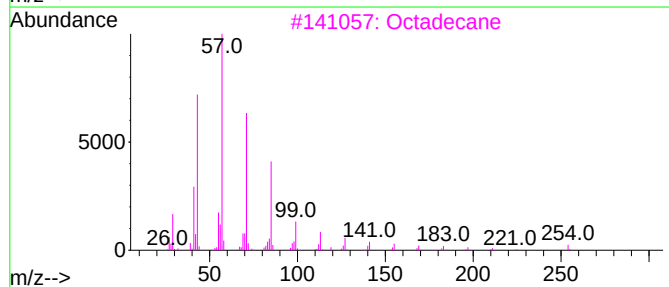
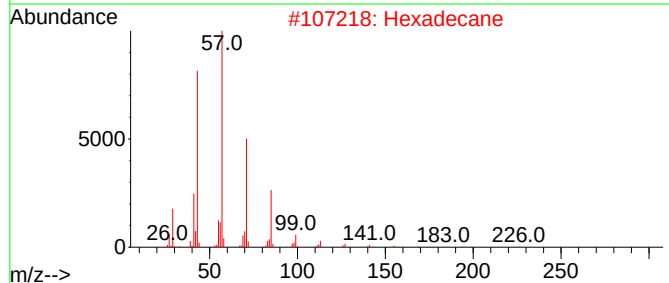
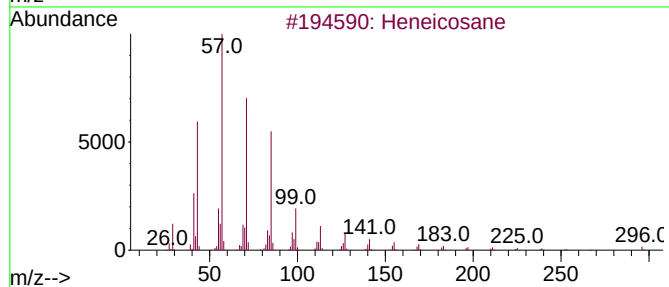
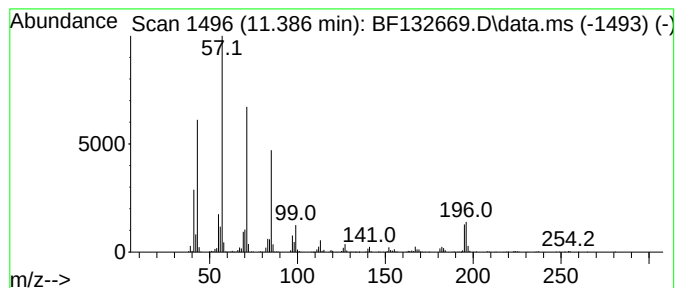
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	7.91 ng	418830	Phenanthrene-d10	11.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	83
2			Hexadecane	226	C16H34	000544-76-3	64
3			Octadecane	254	C18H38	000593-45-3	58
4			Heptadecane	240	C17H36	000629-78-7	58
5			Nonadecane	268	C19H40	000629-92-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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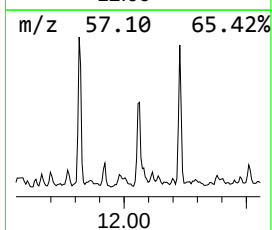
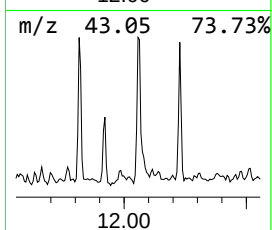
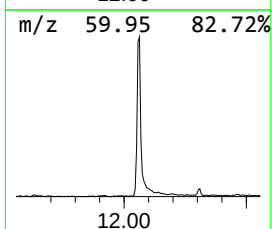
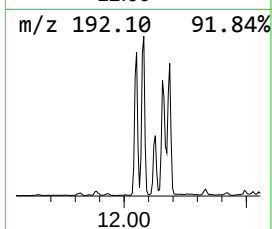
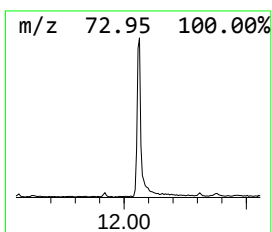
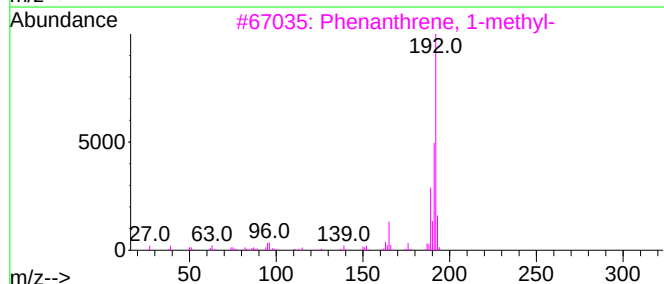
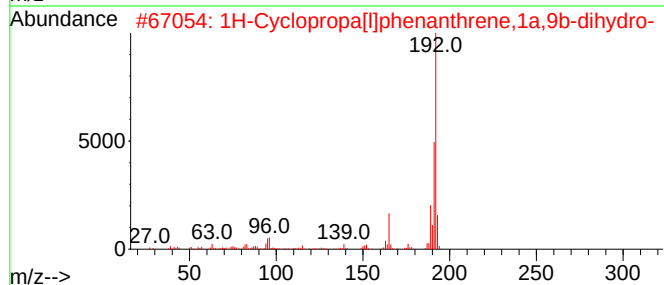
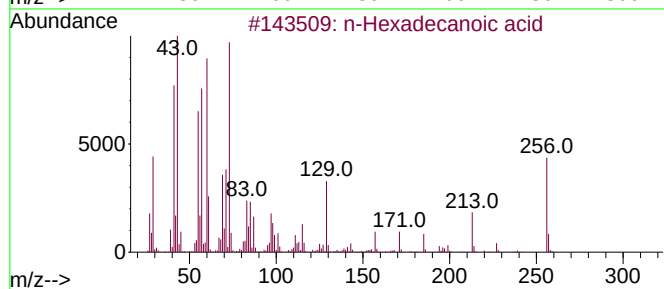
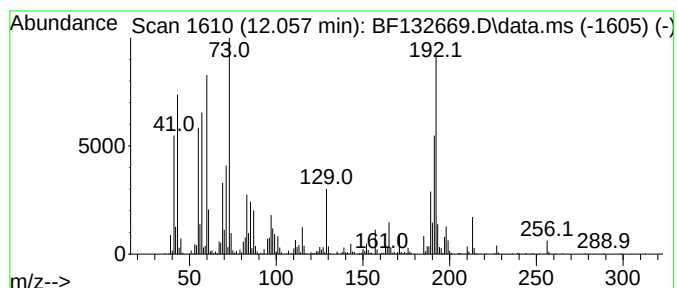
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.057	24.42 ng	1292410	Phenanthrene-d10	11.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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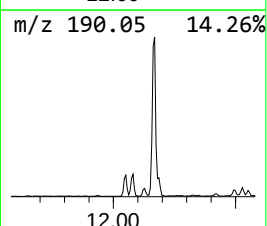
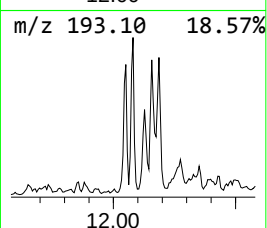
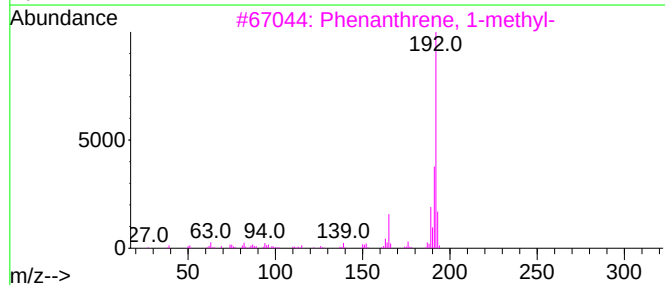
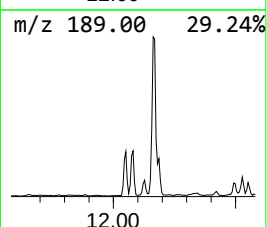
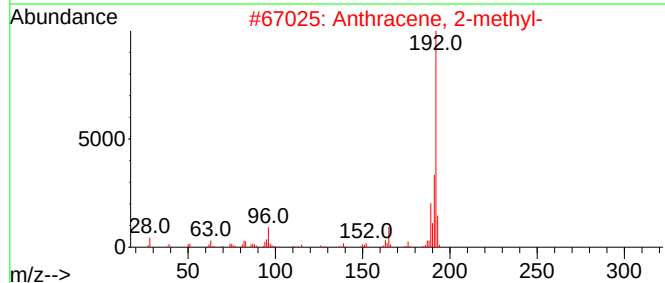
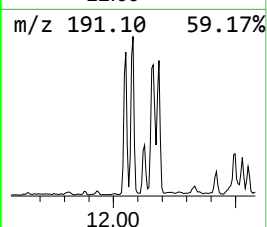
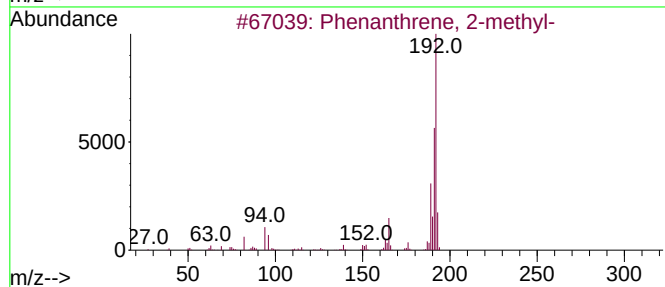
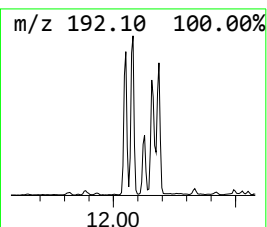
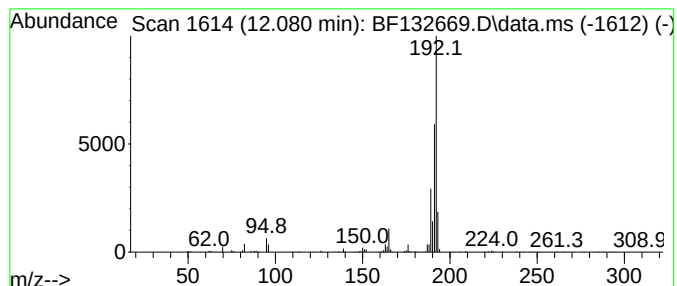
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	11.57 ng	612248	Phenanthrene-d10	11.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

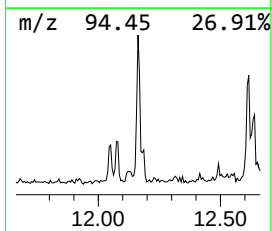
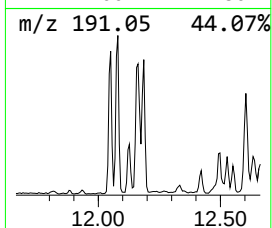
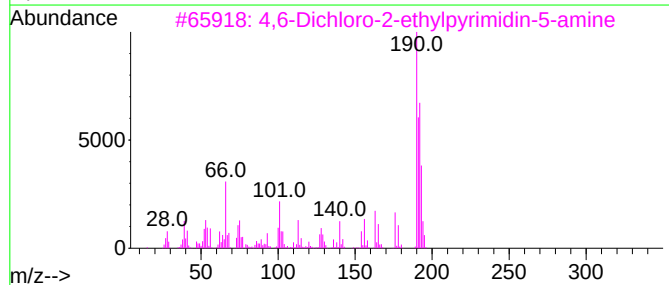
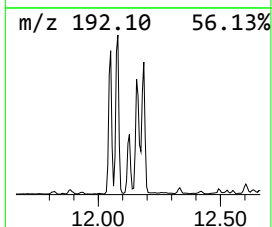
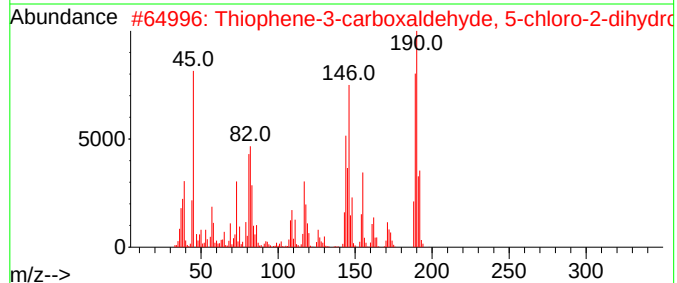
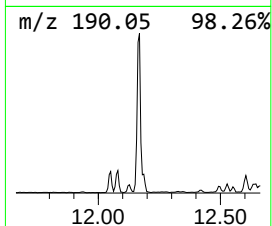
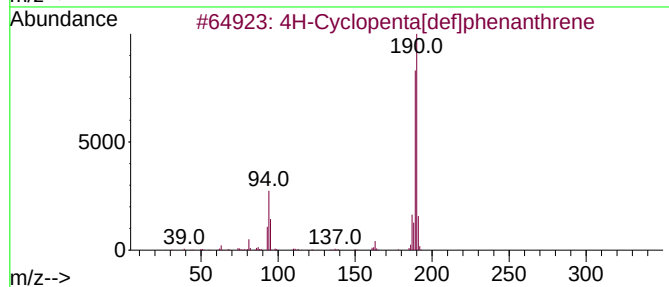
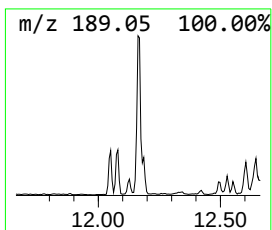
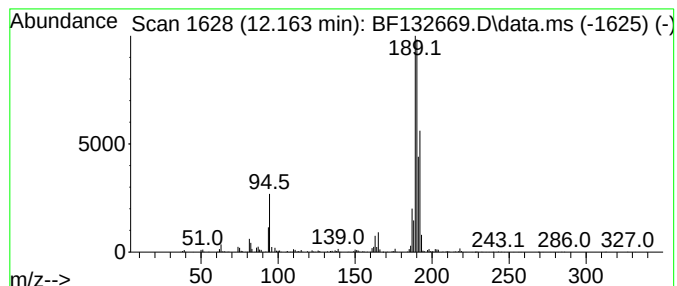
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.163	21.44 ng	1134910	Phenanthrene-d10			11.545
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	50
3	4,6-Dichloro-2-ethylpyrimidin-5-...		191	C6H7Cl2N3	006237-96-3	38
4	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	38
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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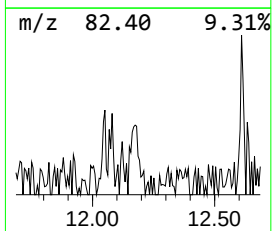
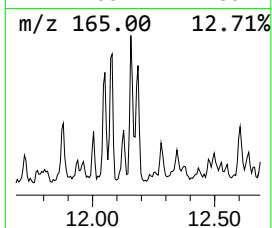
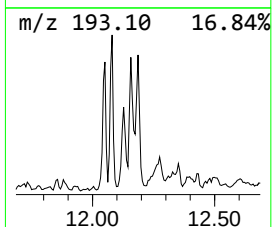
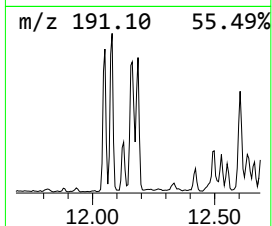
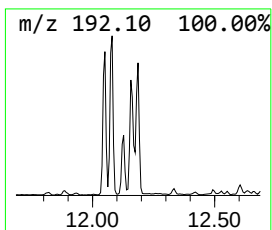
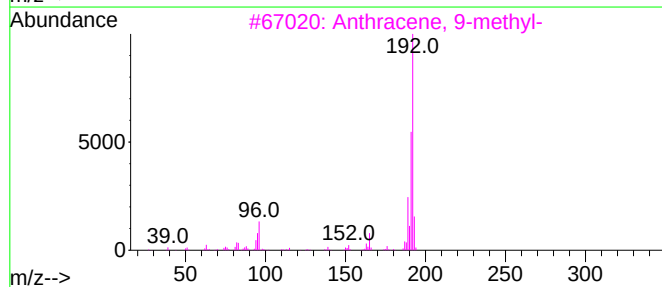
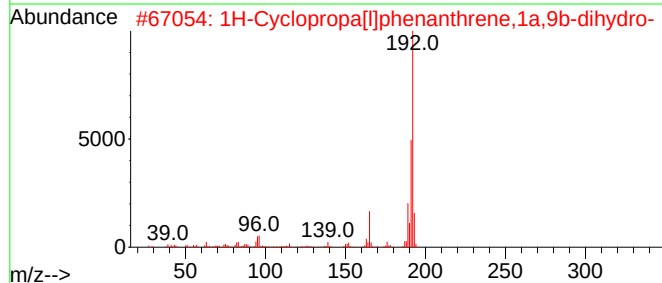
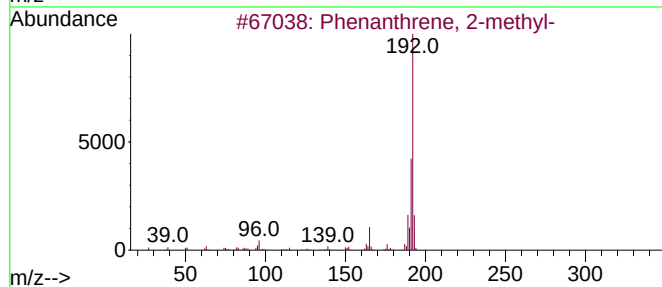
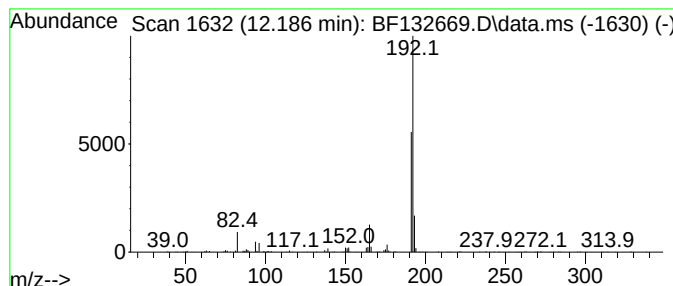
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	8.63 ng	456733	Phenanthrene-d10	11.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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Acq On : 07 Mar 2023 02:00
Operator : CG\JU
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Misc :
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Instrument :
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ClientSampleId :
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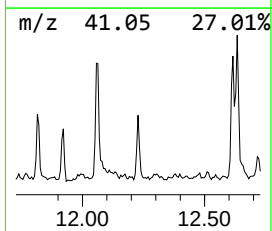
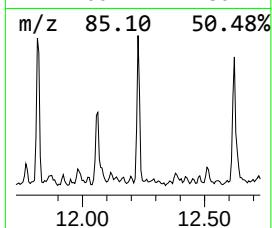
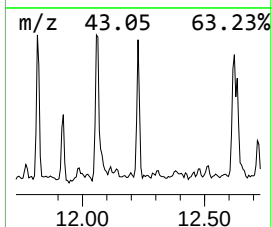
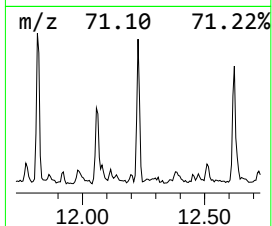
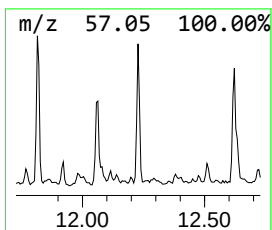
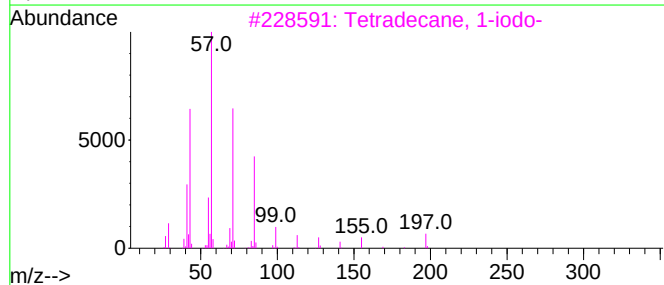
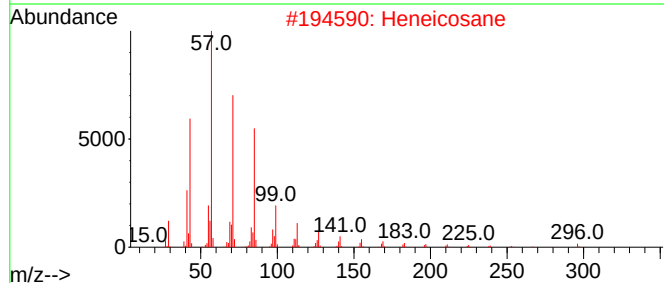
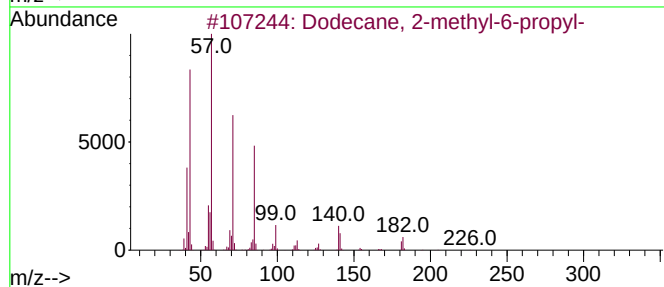
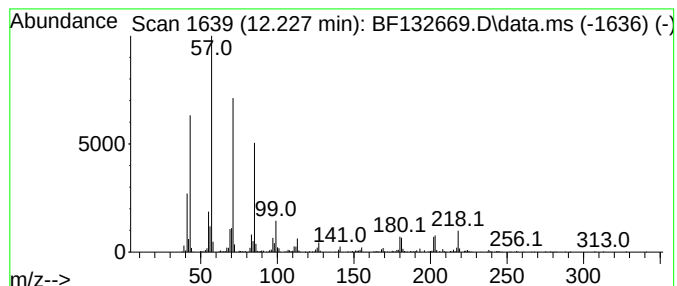
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	6.65 ng	351774	Phenanthrene-d10	11.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2			Heneicosane	296	C21H44	000629-94-7	68
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4			Heptadecane	240	C17H36	000629-78-7	64
5			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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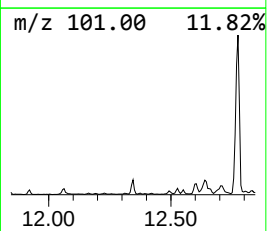
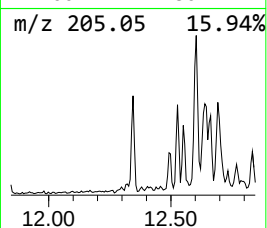
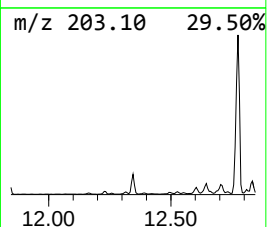
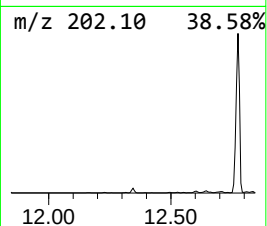
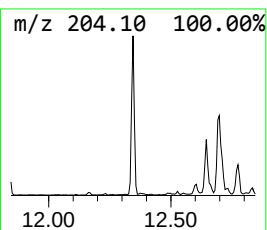
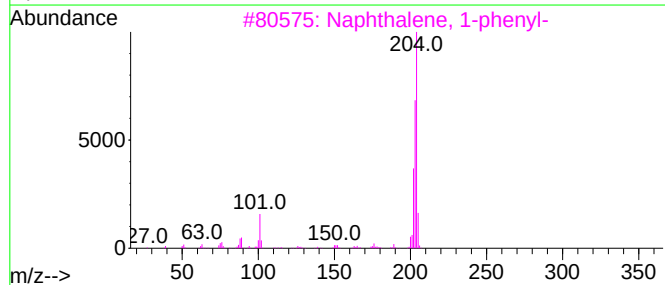
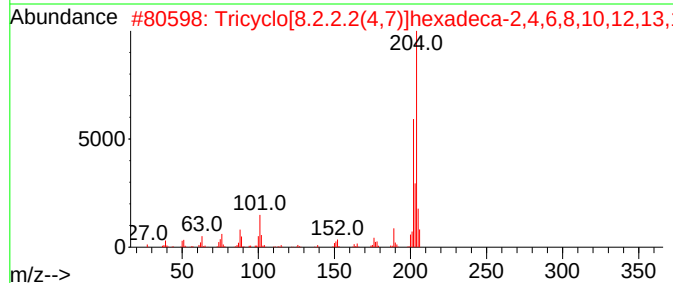
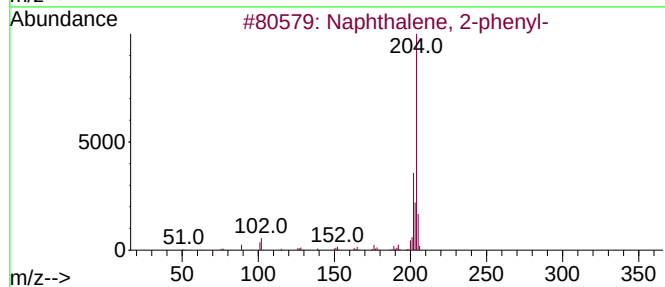
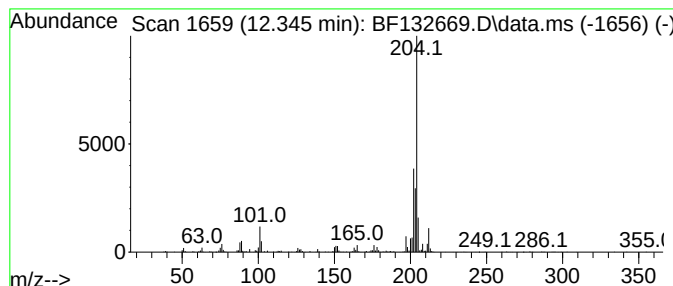
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	7.48 ng	396087	Phenanthrene-d10	11.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50
4			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

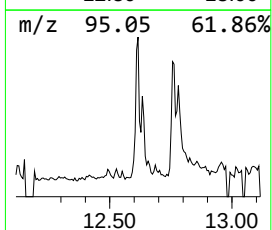
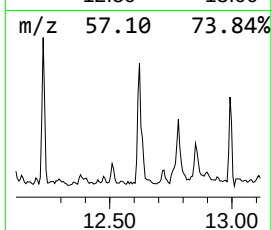
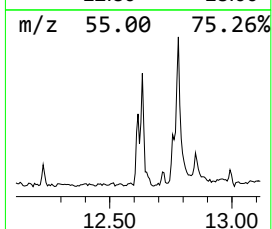
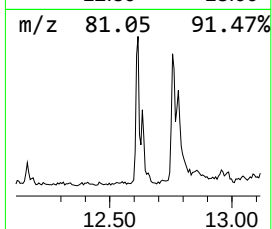
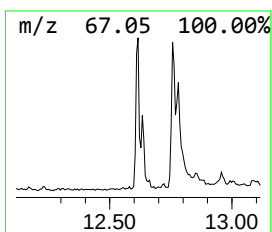
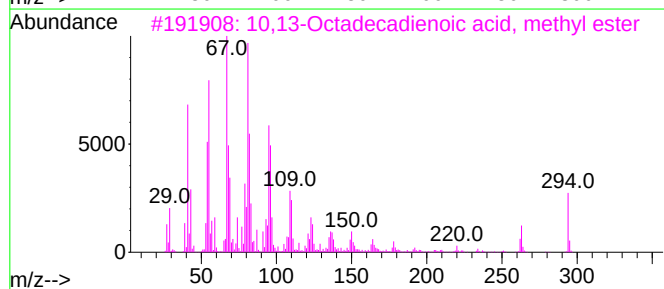
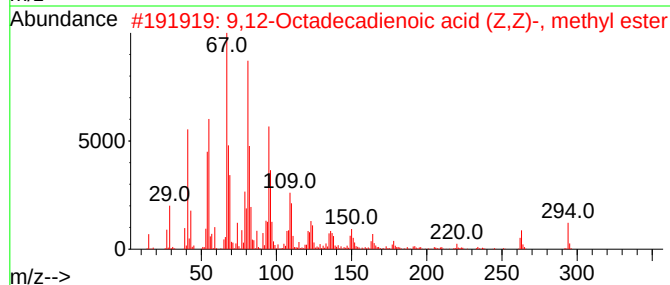
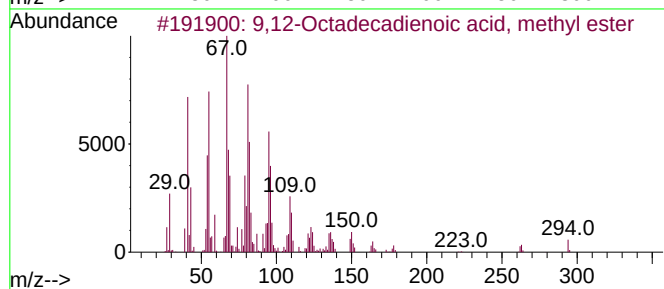
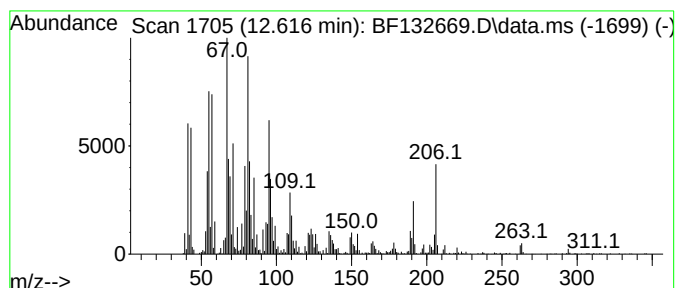
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.616	27.58 ng	1459530	Phenanthrene-d10	11.545	
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 (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	cis-11,14-Eicosadienoic acid, me...	322	C21H38O2	1010333-61-8	99
5	Linoelaidic acid	280	C18H32O2	000506-21-8	98



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
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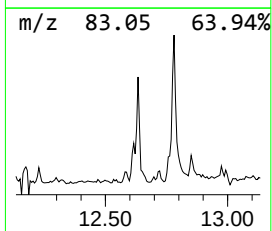
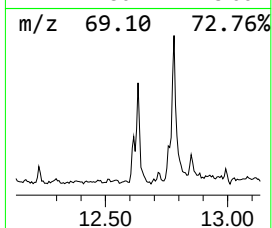
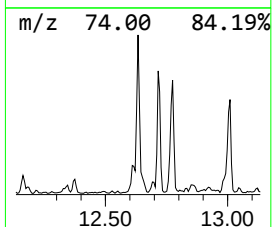
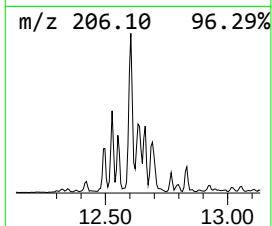
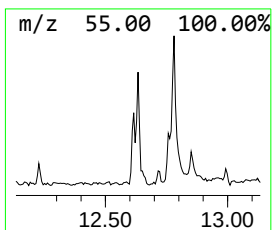
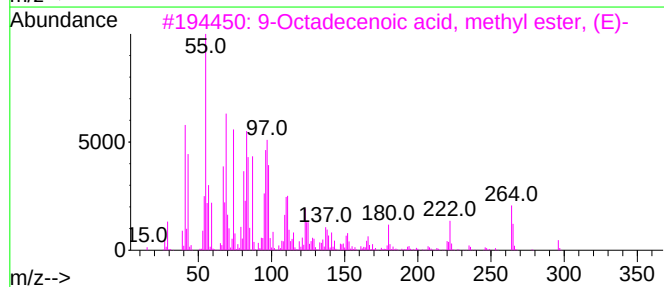
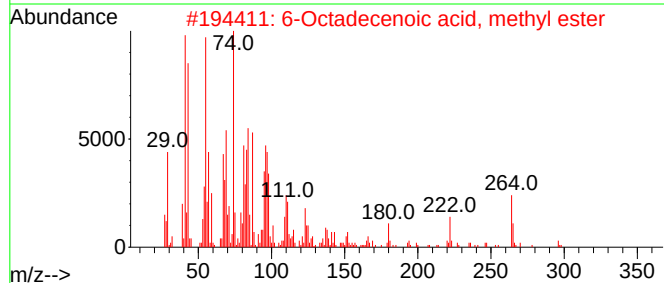
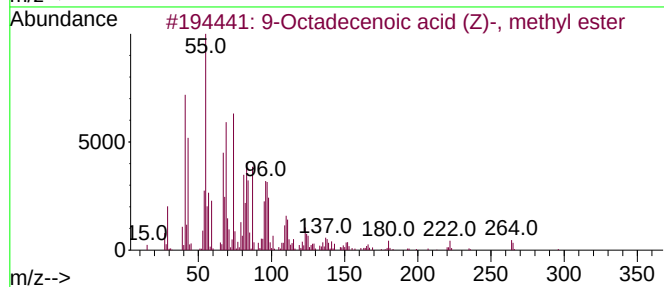
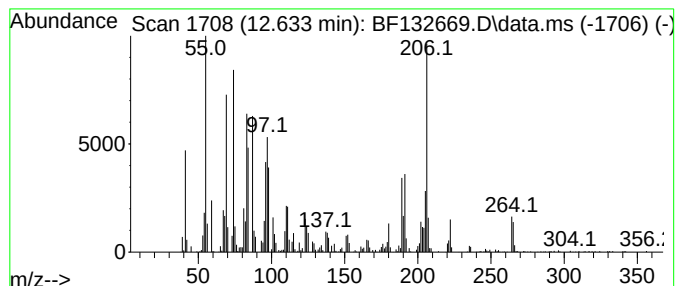
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
12.633	20.75 ng	1098040	Phenanthrene-d10	11.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	89
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	89
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	83
4	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	70
5	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

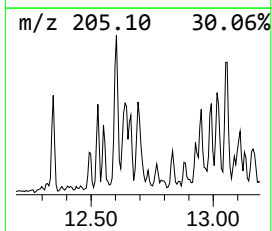
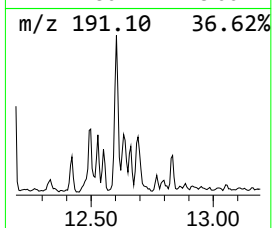
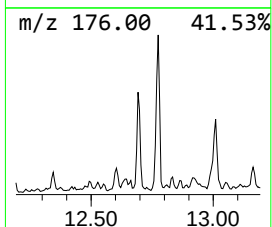
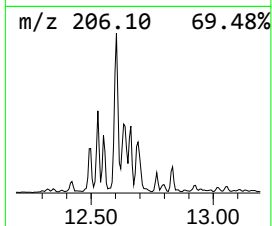
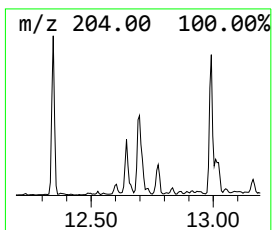
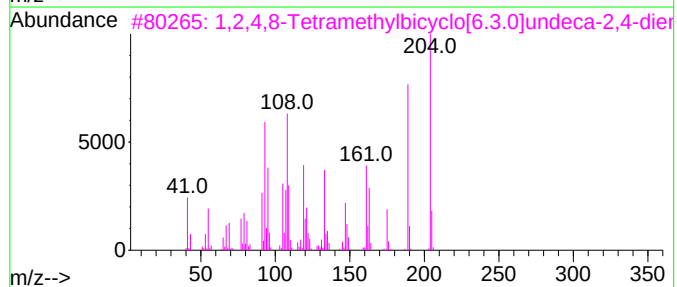
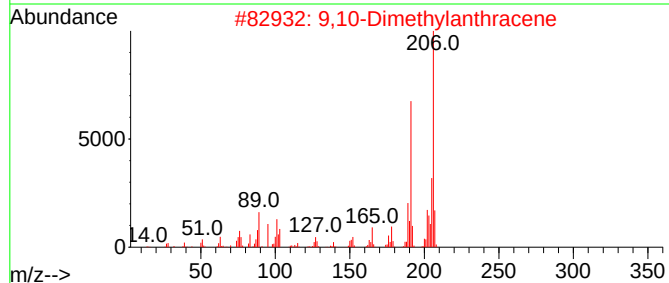
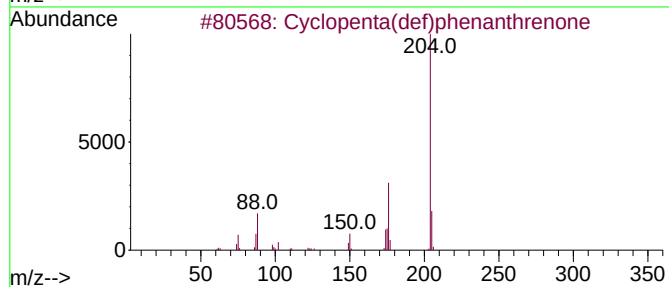
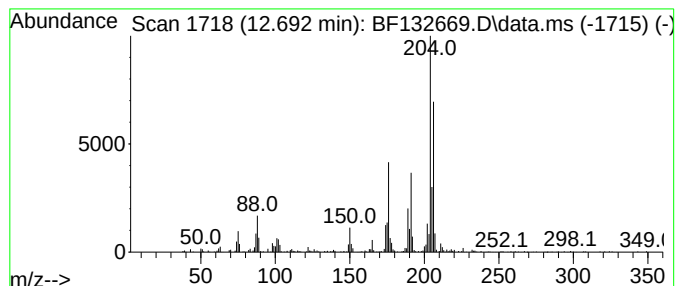
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BNA_F
ClientSampleId :
PL-04-03032023

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

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

Peak Number 17 Cyclopenta(def)phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.692	9.42 ng	498781	Phenanthrene-d10	11.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	56
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	42
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

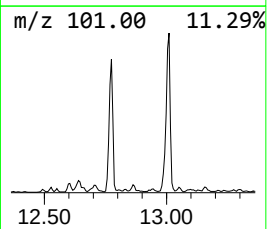
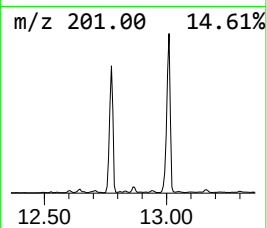
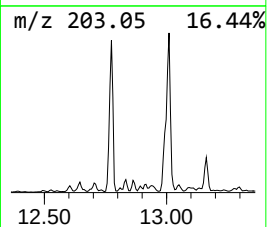
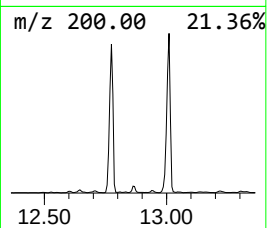
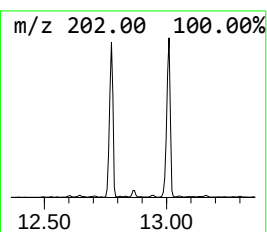
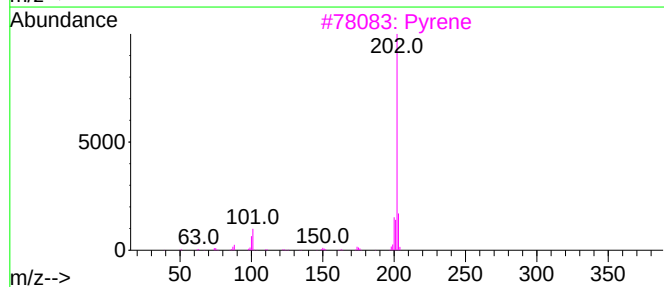
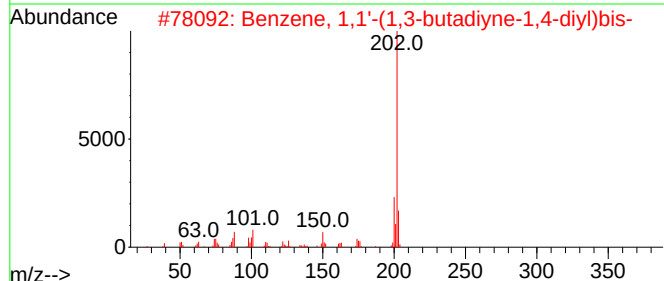
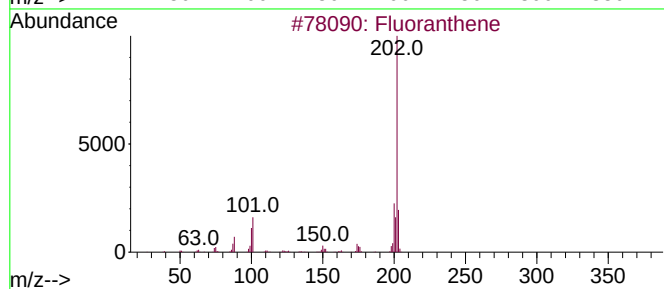
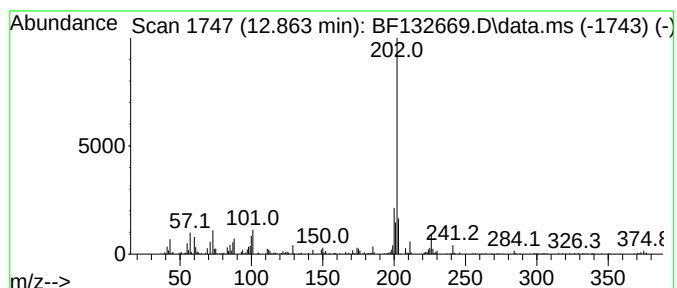
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ClientSampleId :
PL-04-03032023

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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 18 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.863	7.85 ng	415471	Phenanthrene-d10	11.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	93
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	70
3	Pyrene	202	C16H10	000129-00-0	70
4	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	50
5	(2S,4aS,5R,8aS)-2-Allyl-5-((Z)-p...	243	C17H25N	067217-82-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-03032023

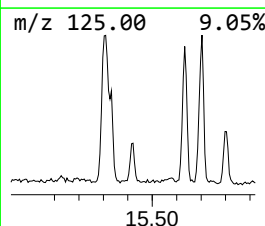
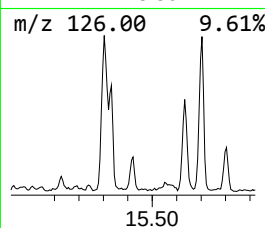
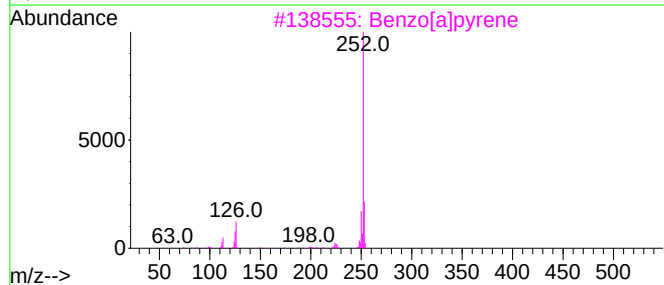
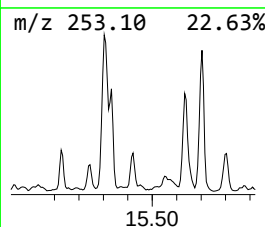
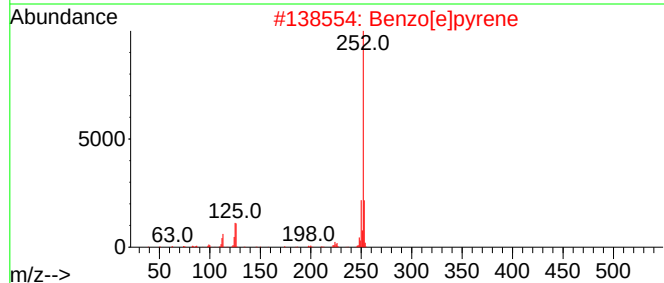
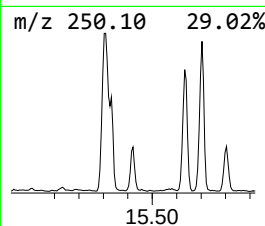
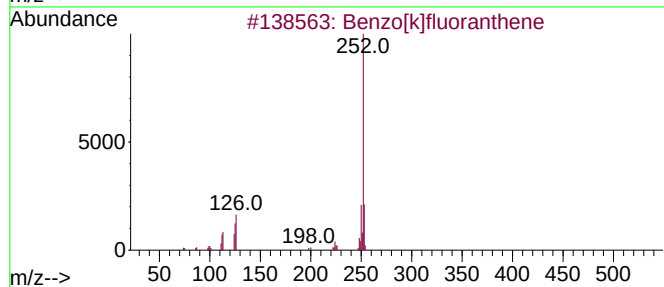
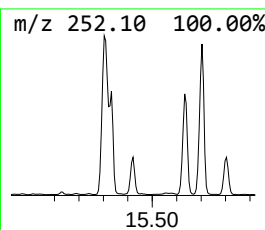
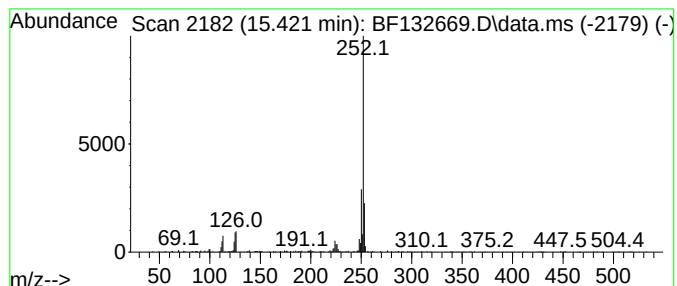
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	9.73 ng	338918	Perylene-d12	15.768

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[e]pyrene	252	C20H12	000192-97-2	95
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132669.D
Acq On : 07 Mar 2023 02:00
Operator : CG\JU
Sample : 01817-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-03032023

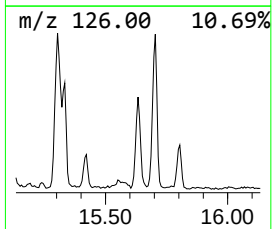
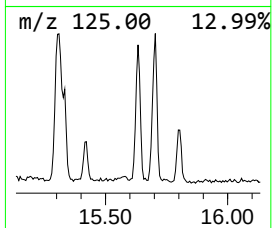
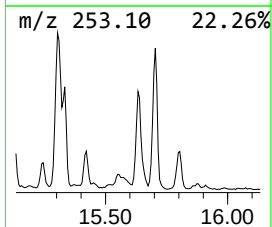
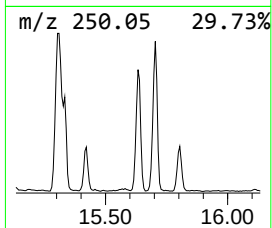
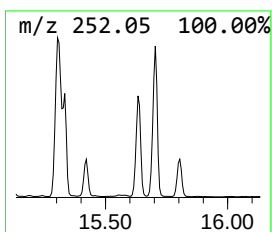
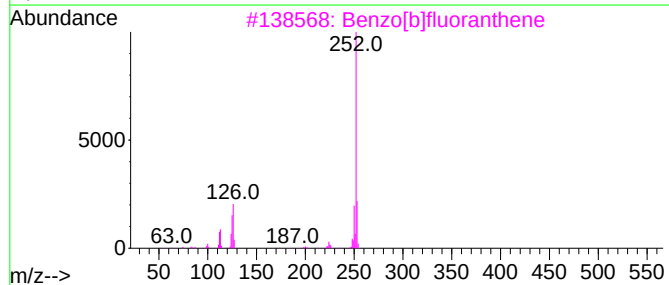
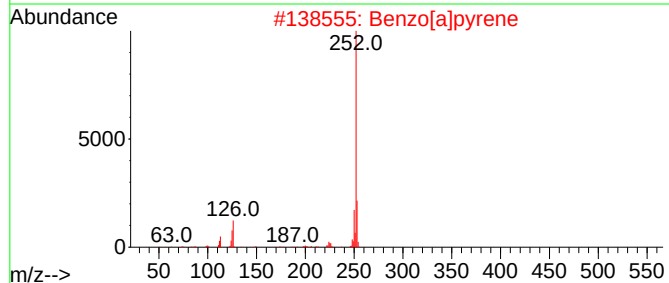
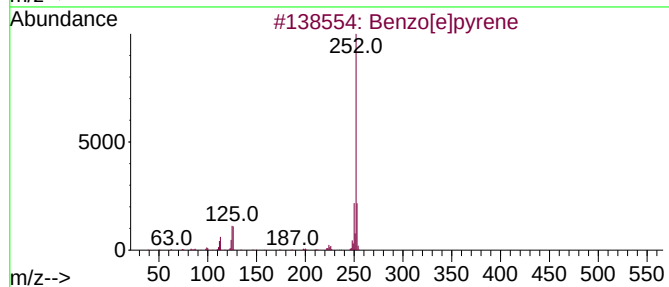
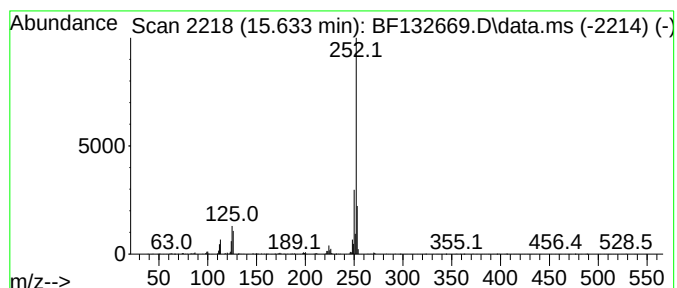
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	36.84 ng	1283990	Perylene-d12	15.768

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132669.D
 Acq On : 07 Mar 2023 02:00
 Operator : CG\JU
 Sample : 01817-01
 Misc :
 ALS Vial : 22 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-...	5.228	32.1	ng	1352120	1	6.998	843059	20.0
10-Methylnonade...	9.428	6.4	ng	275446	3	10.045	855174	20.0
Naphthalene, 2,...	9.704	6.8	ng	288547	3	10.045	855174	20.0
Pentadecane	9.963	8.6	ng	365733	3	10.045	855174	20.0
Hexadecane	10.463	11.9	ng	506888	3	10.045	855174	20.0
Dodecane	10.681	6.6	ng	282145	3	10.045	855174	20.0
Heneicosane	10.939	14.6	ng	770681	4	11.545	1058530	20.0
Octadecane	11.386	7.9	ng	418830	4	11.545	1058530	20.0
n-Hexadecanoic ...	12.057	24.4	ng	1292410	4	11.545	1058530	20.0
Phenanthrene, 2...	12.080	11.6	ng	612248	4	11.545	1058530	20.0
4H-Cyclopenta[d...	12.163	21.4	ng	1134910	4	11.545	1058530	20.0
1H-Cyclopropa[l...	12.186	8.6	ng	456733	4	11.545	1058530	20.0
Dodecane, 2-met...	12.227	6.7	ng	351774	4	11.545	1058530	20.0
Naphthalene, 2-...	12.345	7.5	ng	396087	4	11.545	1058530	20.0
9,12-Octadecadi...	12.616	27.6	ng	1459530	4	11.545	1058530	20.0
9-Octadecenoic ...	12.633	20.8	ng	1098040	4	11.545	1058530	20.0
Cyclopenta(def)...	12.692	9.4	ng	498781	4	11.545	1058530	20.0
Benzene, 1,1'-(...	12.863	7.8	ng	415471	4	11.545	1058530	20.0
Benzo[e]pyrene	15.421	9.7	ng	338918	6	15.768	696970	20.0
Perylene	15.633	36.8	ng	1283990	6	15.768	696970	20.0