

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128213.D
 Acq On : 12 May 2022 00:08
 Operator : CG\JU
 Sample : N2776-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-280MER-8-15

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-BF050922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128213.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.516	545	549	552	rBV	1730783	1526131	89.68%	6.908%
2	6.528	716	721	734	rBV	1611238	1631294	95.86%	7.384%
3	6.892	780	783	787	rBV	578781	462324	27.17%	2.093%
4	7.457	875	879	882	rBV	1071912	1052865	61.87%	4.766%
5	8.175	998	1001	1004	rBV	614687	552807	32.48%	2.502%
6	8.198	1004	1005	1007	rVV	81577	48459	2.85%	0.219%
7	8.222	1007	1009	1012	rVB2	31676	23842	1.40%	0.108%
8	8.457	1043	1049	1054	rVB7	19929	37789	2.22%	0.171%
9	8.581	1068	1070	1073	rBV	33781	29407	1.73%	0.133%
10	8.633	1077	1079	1084	rVB5	16871	20283	1.19%	0.092%
11	8.710	1088	1092	1095	rBV3	19891	25576	1.50%	0.116%
12	8.757	1097	1100	1103	rBV	35154	27612	1.62%	0.125%
13	8.798	1103	1107	1109	rBV5	14155	21608	1.27%	0.098%
14	8.892	1121	1123	1125	rVB	44624	34230	2.01%	0.155%
15	8.992	1137	1140	1142	rVB	40115	34542	2.03%	0.156%
16	9.051	1146	1150	1152	rBV4	15570	26835	1.58%	0.121%
17	9.186	1171	1173	1179	rVB2	53861	49225	2.89%	0.223%
18	9.251	1179	1184	1187	rBV	2087056	1701769	100.00%	7.704%
19	9.322	1193	1196	1199	rBV2	73966	75702	4.45%	0.343%
20	9.357	1199	1202	1204	rBV3	20006	23499	1.38%	0.106%
21	9.522	1225	1230	1234	rBV3	39805	65451	3.85%	0.296%
22	9.592	1238	1242	1244	rBV	51160	61497	3.61%	0.278%
23	9.639	1247	1250	1253	rVB2	90187	89958	5.29%	0.407%
24	9.792	1270	1276	1279	rBV	110301	127692	7.50%	0.578%
25	9.851	1281	1286	1290	rVB2	46134	77659	4.56%	0.352%
26	9.933	1297	1300	1303	rVB	628838	516501	30.35%	2.338%
27	9.969	1303	1306	1309	rBV	125863	110182	6.47%	0.499%
28	10.033	1314	1317	1321	rBV3	37801	48856	2.87%	0.221%
29	10.075	1321	1324	1325	rBV	27108	27979	1.64%	0.127%
30	10.139	1332	1335	1339	rVB2	112329	100094	5.88%	0.453%
31	10.175	1339	1341	1345	rVB2	59572	45427	2.67%	0.206%
32	10.251	1351	1354	1356	rBV	61613	65743	3.86%	0.298%
33	10.280	1356	1359	1361	rVV	48503	51685	3.04%	0.234%
34	10.351	1365	1371	1374	rVV3	63448	106613	6.26%	0.483%
35	10.486	1387	1394	1400	rBV2	149626	222536	13.08%	1.007%
36	10.569	1400	1408	1411	rBV3	89915	129766	7.63%	0.587%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.639	1418	1420	1424	rVB	51479	48374	2.84%	0.219%
38	10.727	1431	1435	1438	rBV	1035240	911545	53.56%	4.126%
39	10.757	1438	1440	1445	rVV4	29558	45379	2.67%	0.205%
40	10.839	1449	1454	1461	rVB4	107698	172374	10.13%	0.780%
41	10.922	1465	1468	1470	rBV	25196	24112	1.42%	0.109%
42	11.157	1504	1508	1510	rBV4	42398	57028	3.35%	0.258%
43	11.180	1510	1512	1518	rVV4	41530	69016	4.06%	0.312%
44	11.227	1518	1520	1524	rVV2	32309	41701	2.45%	0.189%
45	11.274	1525	1528	1530	rVV2	94120	90943	5.34%	0.412%
46	11.304	1530	1533	1535	rVV	63065	73737	4.33%	0.334%
47	11.321	1535	1536	1541	rVB	81045	61917	3.64%	0.280%
48	11.427	1550	1554	1556	rBV	569179	486619	28.59%	2.203%
49	11.451	1556	1558	1562	rVB	1007739	839980	49.36%	3.802%
50	11.504	1563	1567	1570	rBV	300849	248289	14.59%	1.124%
51	11.586	1578	1581	1584	rBV4	19618	27498	1.62%	0.124%
52	11.657	1589	1593	1598	rBV3	71374	101399	5.96%	0.459%
53	11.698	1598	1600	1602	rVB2	38865	30157	1.77%	0.137%
54	11.757	1608	1610	1614	rVB2	42637	45380	2.67%	0.205%
55	11.927	1636	1639	1642	rBV	146508	138865	8.16%	0.629%
56	11.957	1642	1644	1647	rVB	219262	175363	10.30%	0.794%
57	12.004	1649	1652	1655	rBV	95886	78616	4.62%	0.356%
58	12.045	1655	1659	1661	rBV2	254220	278418	16.36%	1.260%
59	12.110	1667	1670	1672	rBV	56810	44183	2.60%	0.200%
60	12.221	1686	1689	1692	rBV	108740	97397	5.72%	0.441%
61	12.257	1692	1695	1698	rVB	55371	47721	2.80%	0.216%
62	12.404	1717	1720	1722	rBV	44174	33017	1.94%	0.149%
63	12.427	1722	1724	1726	rVB	39356	29058	1.71%	0.132%
64	12.480	1729	1733	1735	rBV	103613	120020	7.05%	0.543%
65	12.568	1745	1748	1752	rBV4	68955	89998	5.29%	0.407%
66	12.651	1757	1762	1765	rBV	1327812	1271335	74.71%	5.755%
67	12.686	1765	1768	1770	rVV	35481	32618	1.92%	0.148%
68	12.710	1770	1772	1774	rVV2	33692	29453	1.73%	0.133%
69	12.739	1774	1777	1780	rVV	56246	48354	2.84%	0.219%
70	12.798	1785	1787	1789	rVB	61229	45742	2.69%	0.207%
71	12.880	1794	1801	1806	rBV	1276263	1398802	82.20%	6.332%
72	12.921	1806	1808	1812	rVB2	75745	78335	4.60%	0.355%
73	13.016	1817	1824	1826	rVV	1404652	1346724	79.14%	6.096%
74	13.033	1826	1827	1831	rVB	75763	52276	3.07%	0.237%
75	13.092	1833	1837	1841	rBV2	84950	150837	8.86%	0.683%
76	13.180	1848	1852	1853	rBV3	74952	94392	5.55%	0.427%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.204	1853	1856	1858	rVB	219079	195627	11.50%	0.886%
78	13.227	1858	1860	1862	rBV2	36813	30650	1.80%	0.139%
79	13.268	1864	1867	1869	rVB	181415	136984	8.05%	0.620%
80	13.304	1869	1873	1876	rBV2	114690	134409	7.90%	0.608%
81	13.398	1887	1889	1892	rBV	74876	61545	3.62%	0.279%
82	13.433	1892	1895	1902	rBV2	91027	134908	7.93%	0.611%
83	13.821	1959	1961	1964	rBV	79023	74463	4.38%	0.337%
84	13.851	1964	1966	1968	rBV	83818	59108	3.47%	0.268%
85	13.874	1968	1970	1972	rBV	85246	87695	5.15%	0.397%
86	13.921	1976	1978	1980	rBV	73231	74106	4.35%	0.335%
87	14.068	2000	2003	2007	rBV2	673585	970557	57.03%	4.393%
88	14.104	2007	2009	2016	rVB	553483	456257	26.81%	2.065%
89	14.657	2101	2103	2110	rVB3	160322	194937	11.45%	0.882%
90	15.139	2181	2185	2188	rBV	311103	481561	28.30%	2.180%
91	15.515	2245	2249	2254	rVB	322789	384267	22.58%	1.739%
92	15.580	2256	2260	2263	rBV	228134	303324	17.82%	1.373%

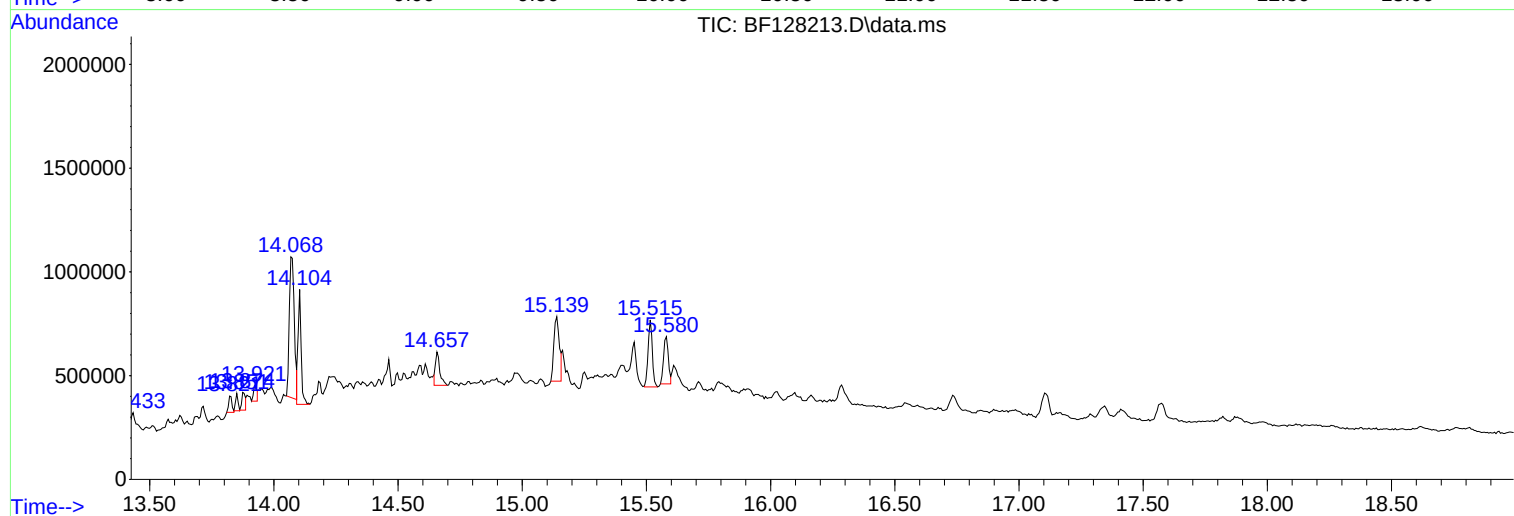
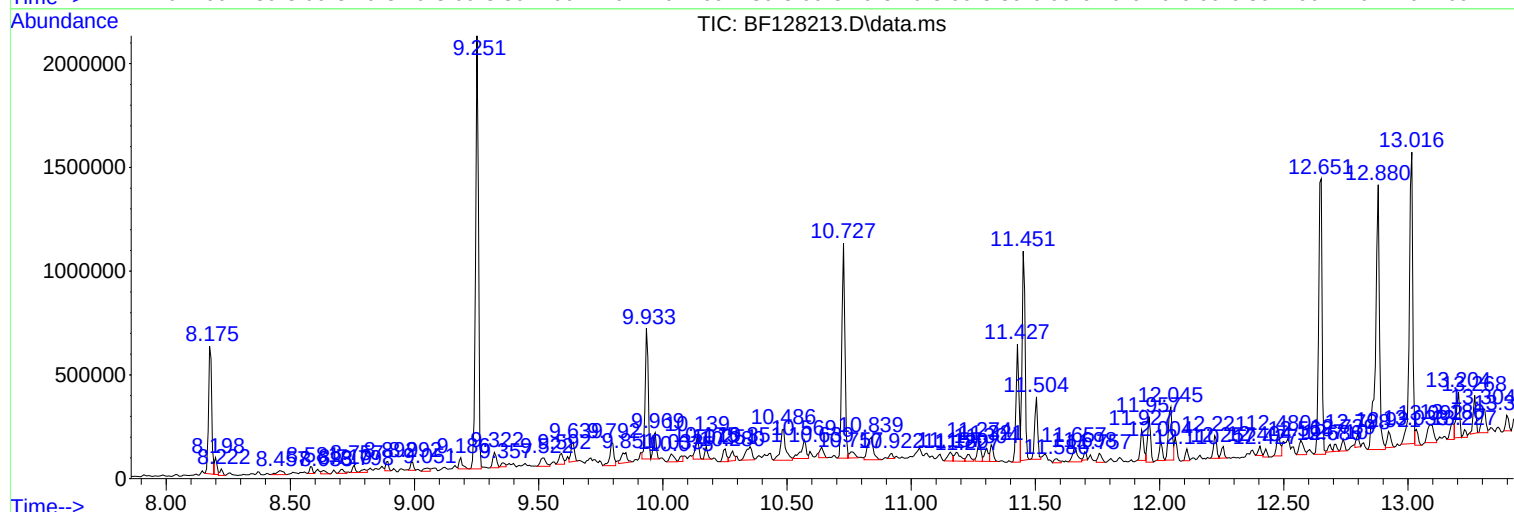
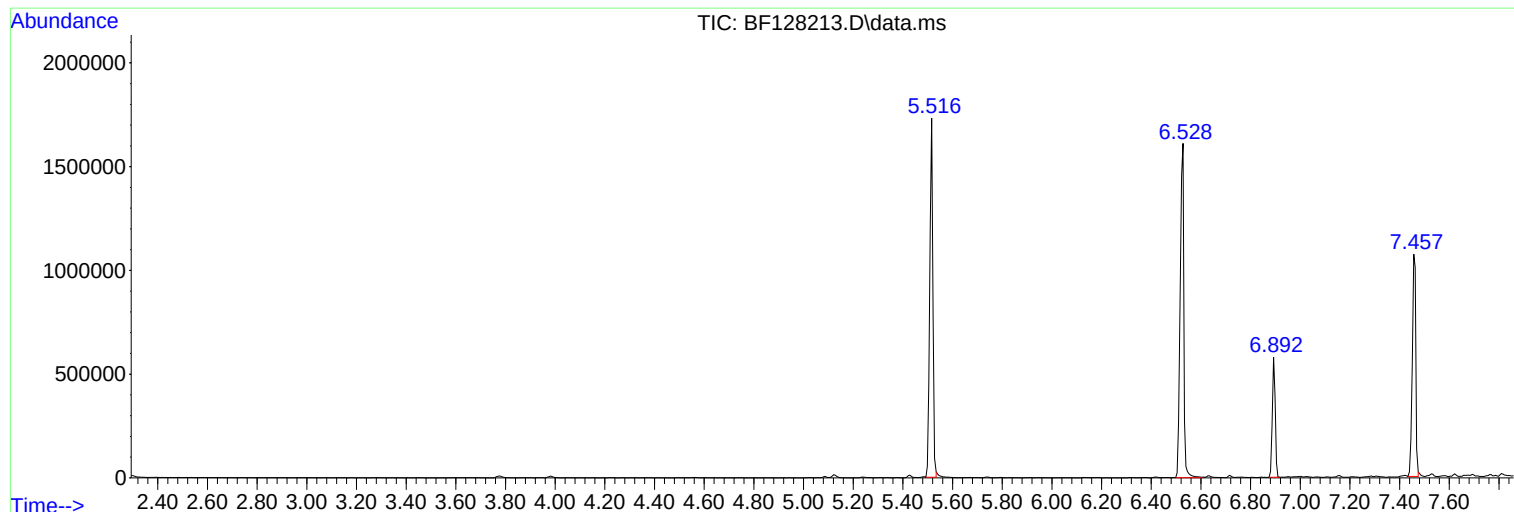
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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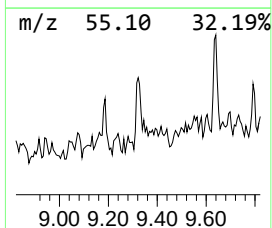
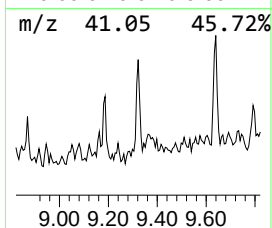
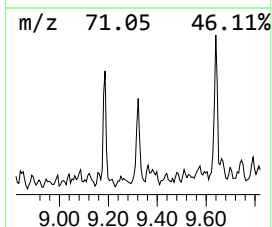
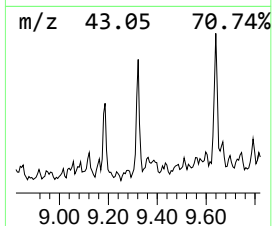
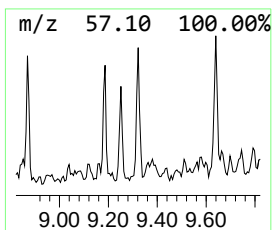
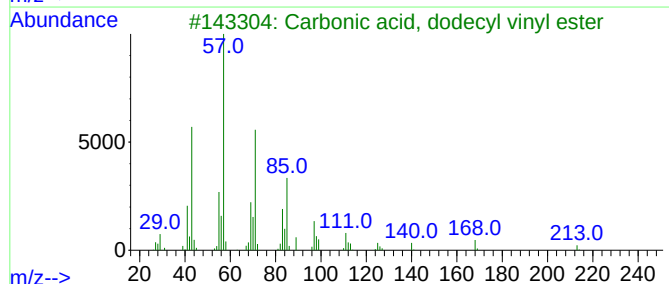
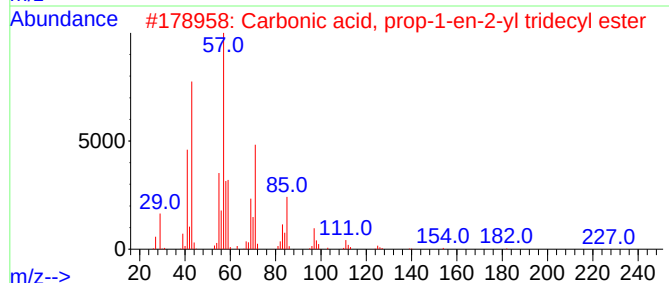
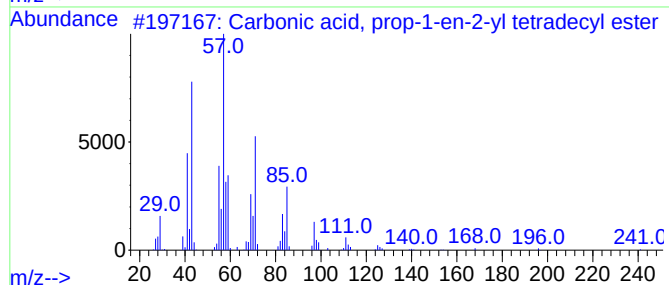
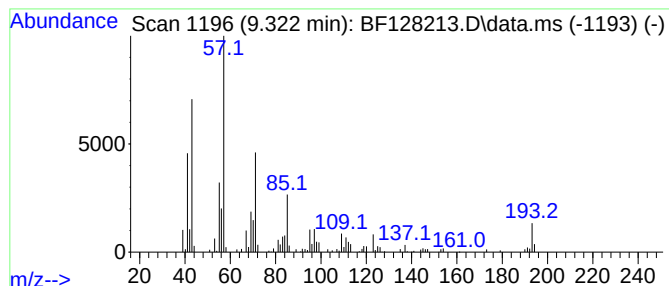
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Carbonic acid, prop-1-en-2-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	2.93 ng	75702	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	68
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
3			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	58
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
5			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	53



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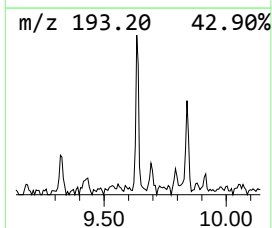
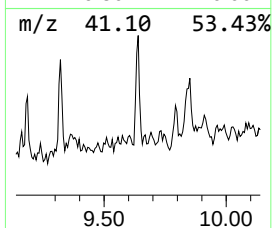
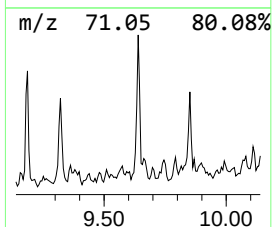
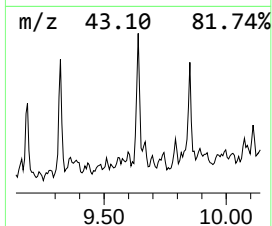
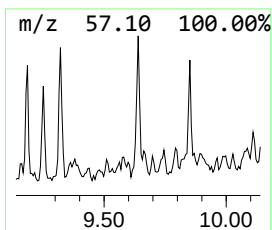
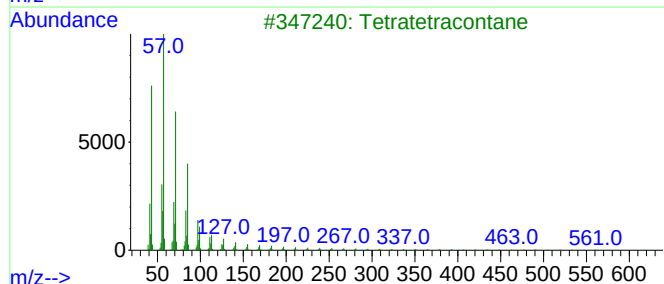
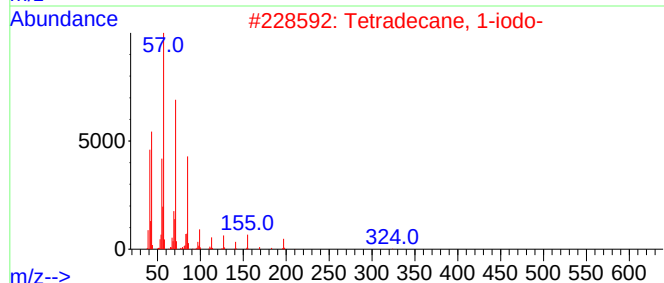
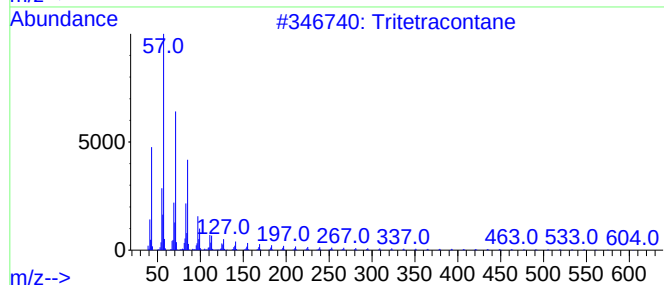
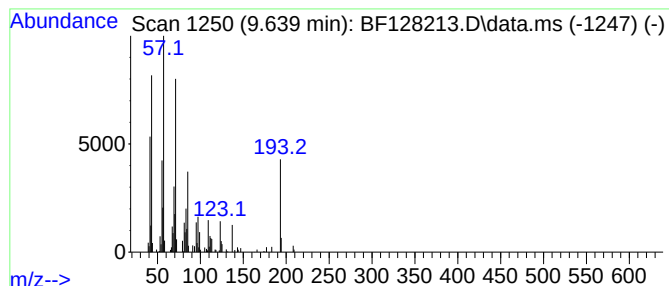
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown9.639 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.639	3.48 ng	89958	Acenaphthene-d10	9.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	46
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	46
3	Tetratetracontane	619	C44H90	007098-22-8	46
4	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	46
5	Hexadecane	226	C16H34	000544-76-3	46



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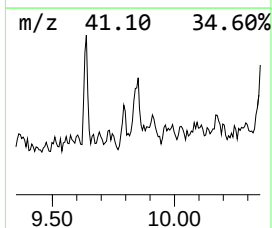
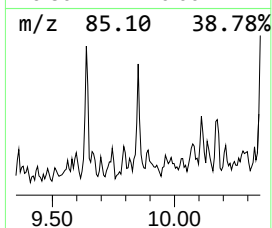
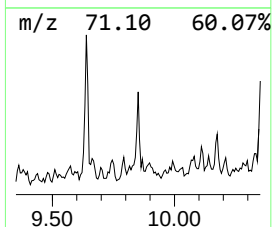
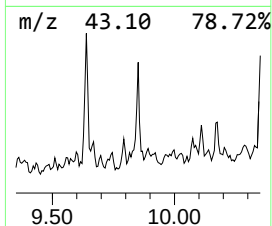
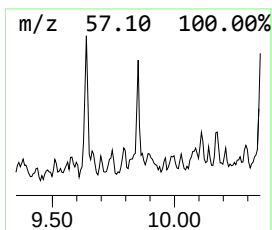
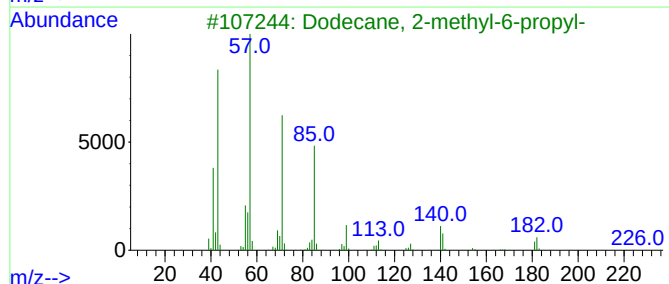
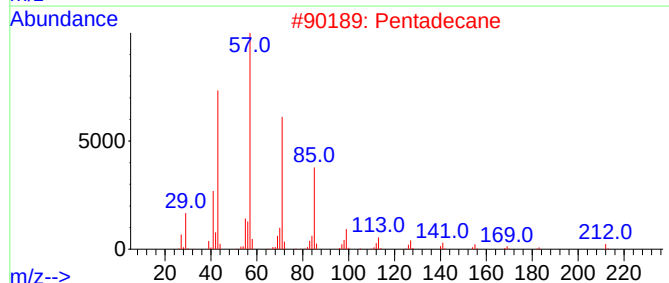
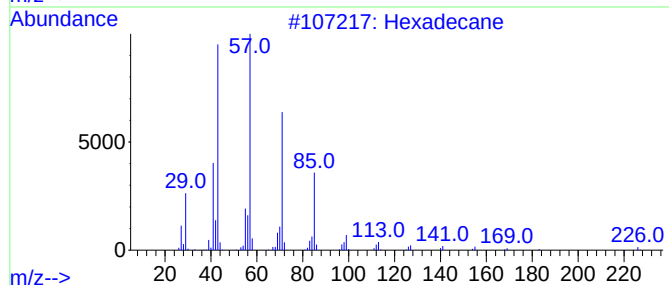
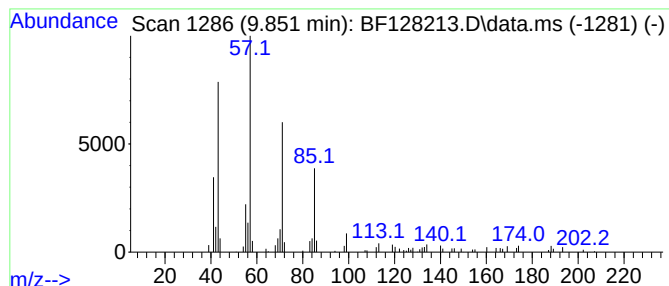
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	3.01 ng	77659	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	83
2			Pentadecane	212	C15H32	000629-62-9	80
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4			Heptadecane	240	C17H36	000629-78-7	72
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

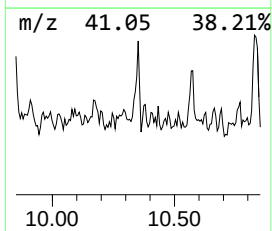
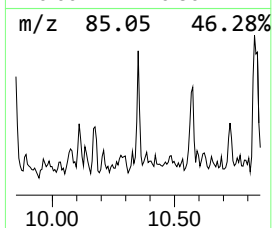
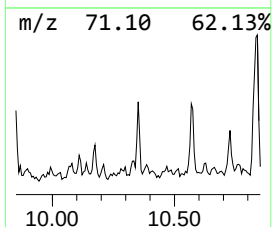
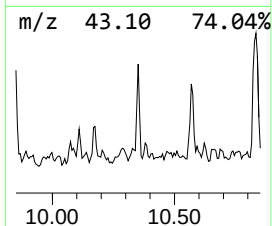
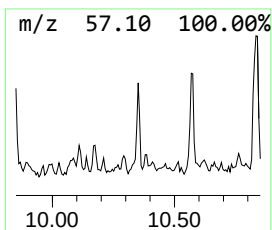
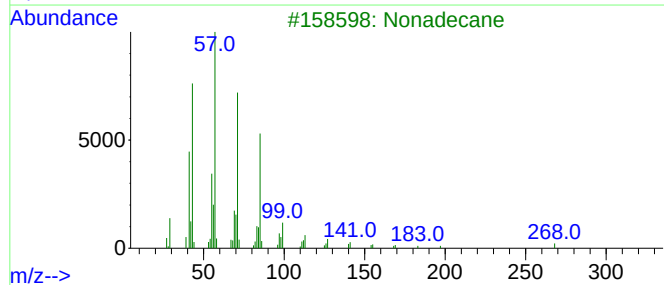
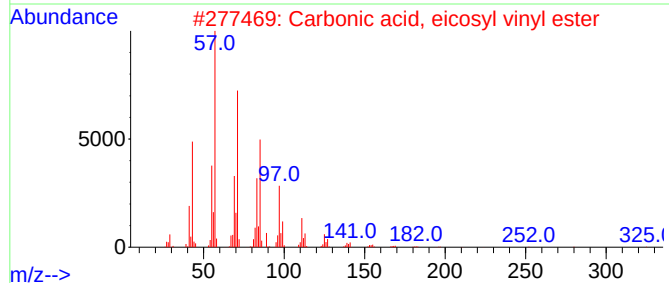
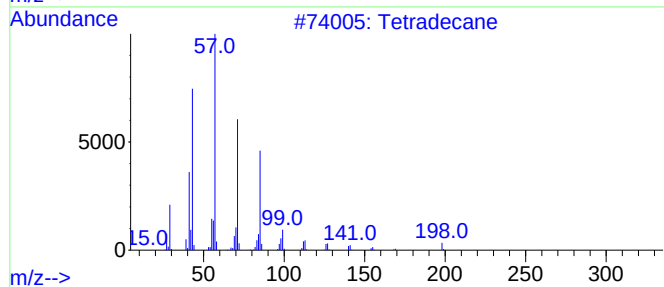
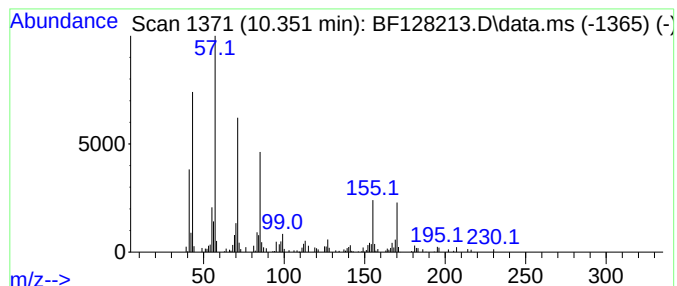
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	4.13 ng	106613	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	58
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
3			Nonadecane	268	C19H40	000629-92-5	58
4			Undecane	156	C11H24	001120-21-4	55
5			Pentadecane	212	C15H32	000629-62-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
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Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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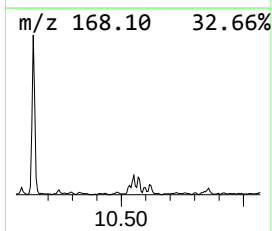
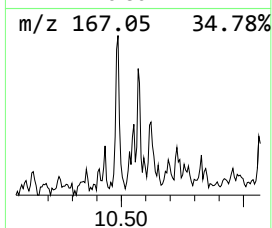
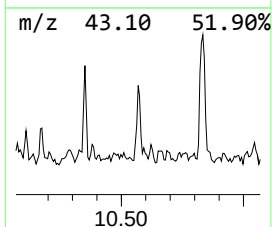
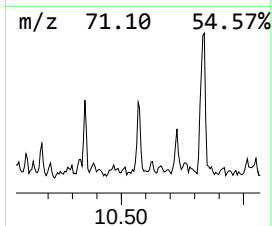
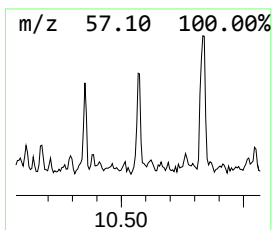
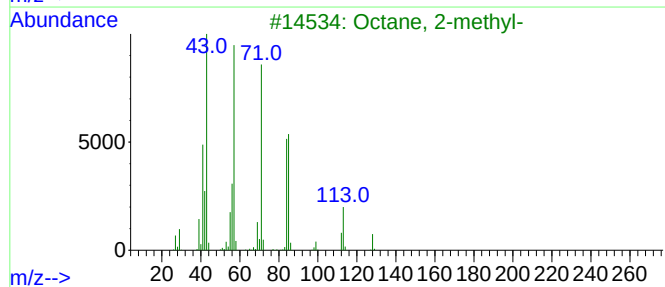
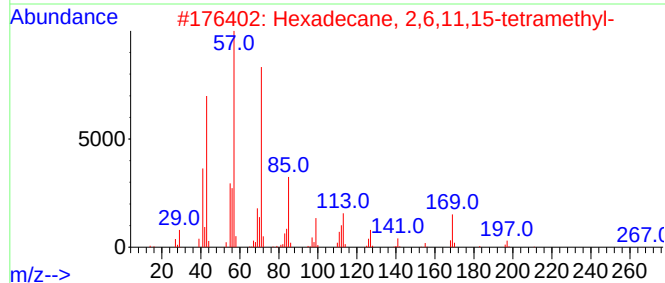
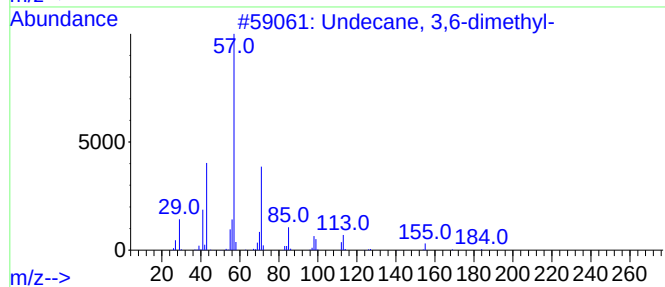
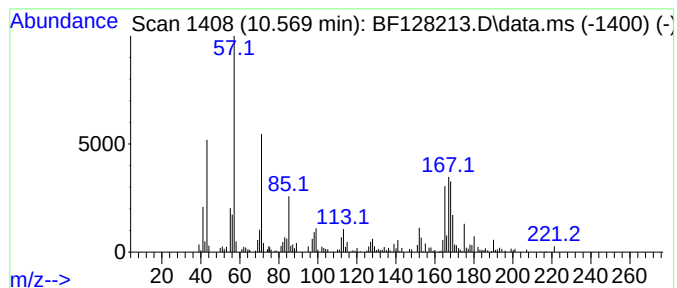
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	5.02 ng	129766	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
2			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	45
3			Octane, 2-methyl-	128	C9H20	003221-61-2	38
4			3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	35
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

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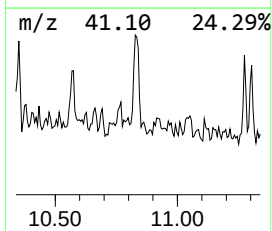
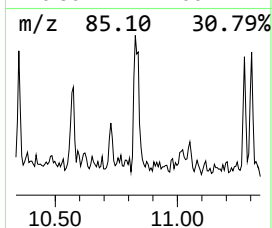
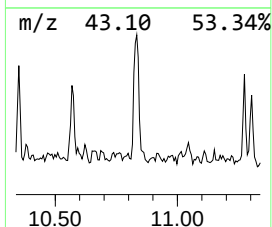
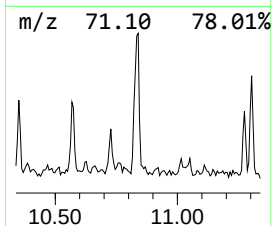
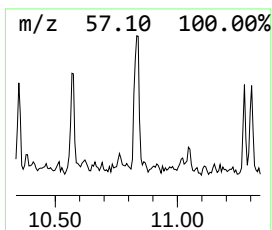
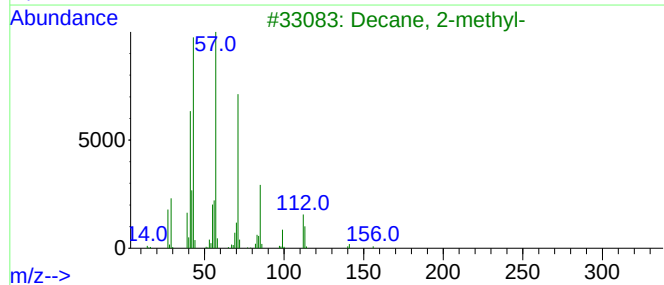
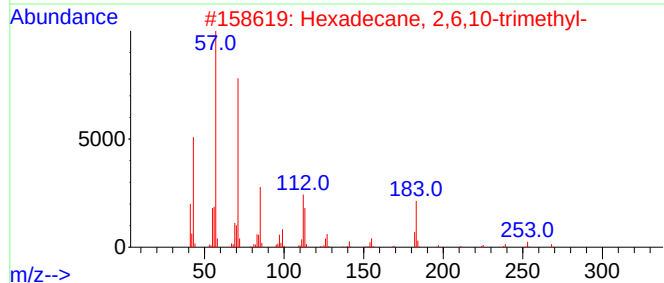
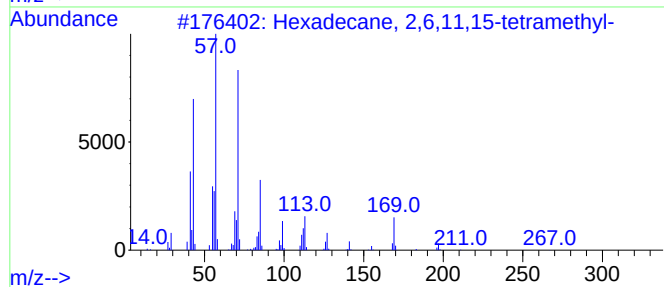
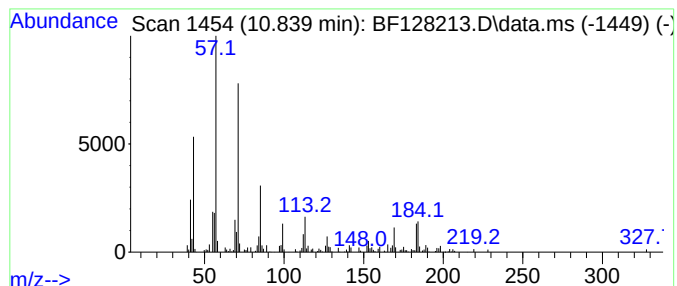
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 2,6,11,15-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	7.08 ng	172374	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	81
2			Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
3			Decane, 2-methyl-	156	C11H24	006975-98-0	72
4			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CF-280MER-8-15

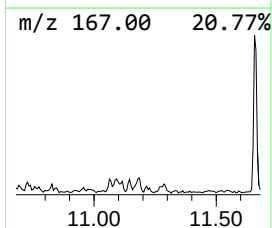
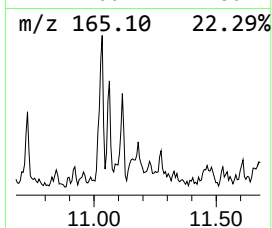
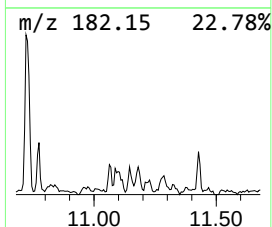
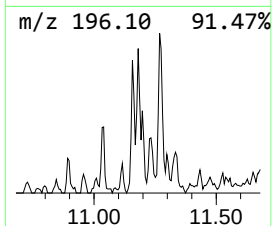
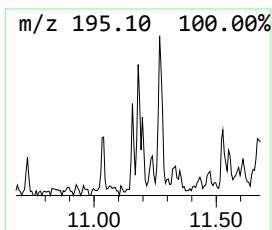
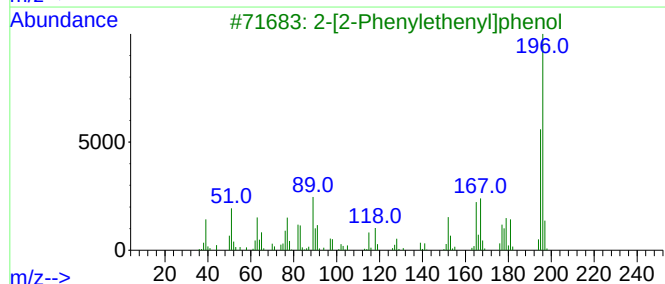
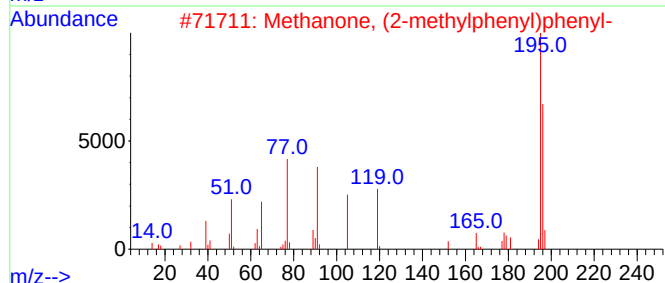
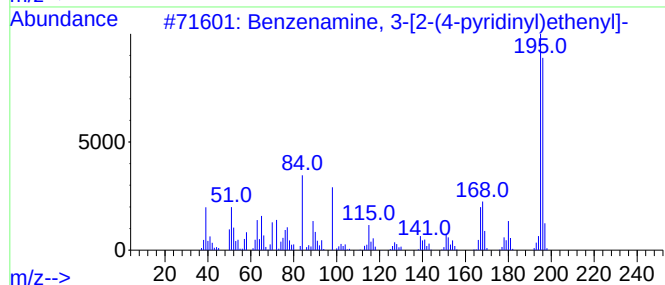
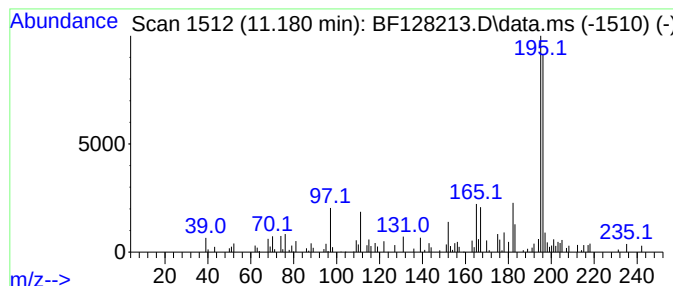
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzenamine, 3-[2-(4-pyridi... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	2.84 ng	69016	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	58
2			Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	50
3			2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	49
4			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	46
5			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
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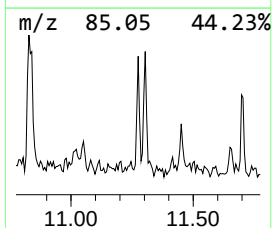
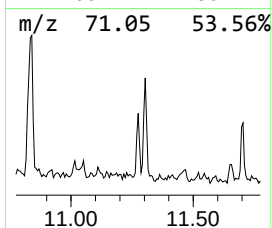
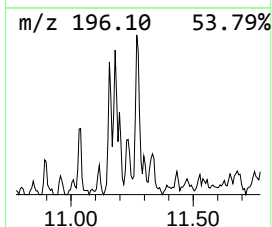
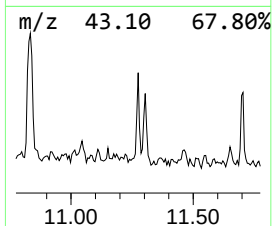
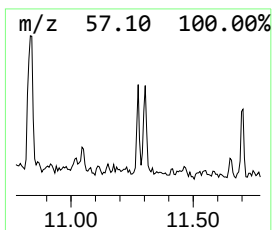
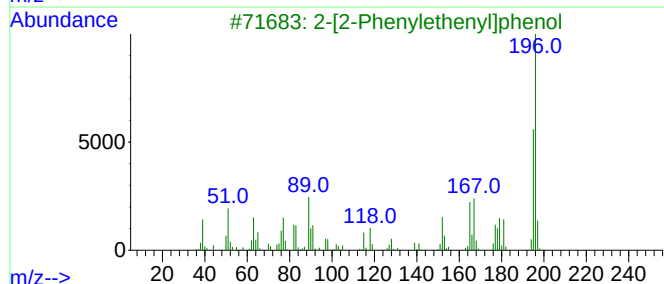
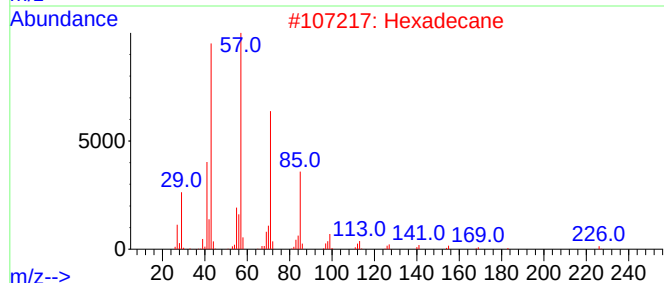
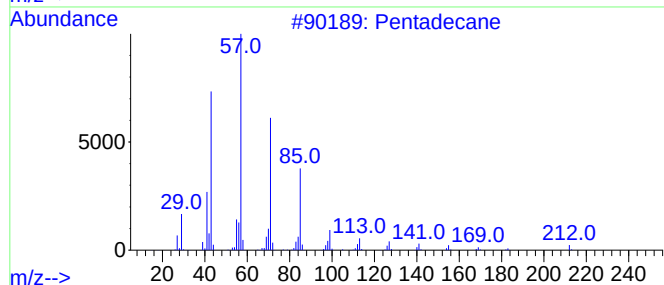
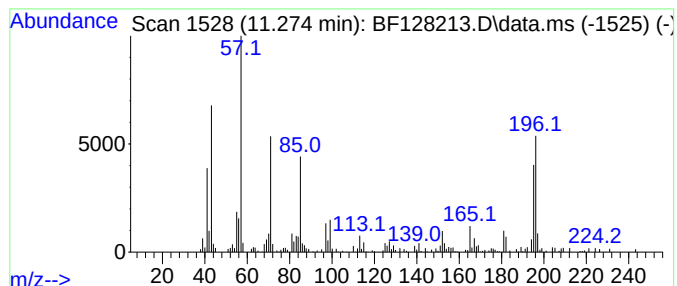
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.274	3.74 ng	90943	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	60
2			Hexadecane	226	C16H34	000544-76-3	49
3			2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	45
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	41
5			Octacosane	394	C28H58	000630-02-4	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
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ALS Vial : 24 Sample Multiplier: 1

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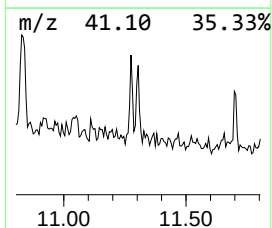
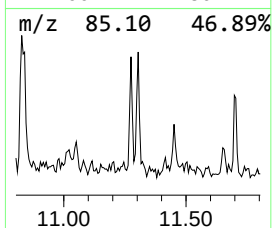
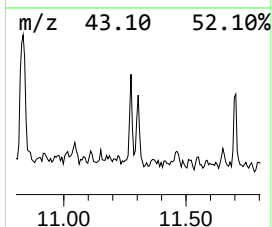
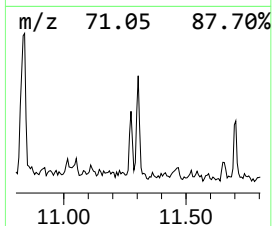
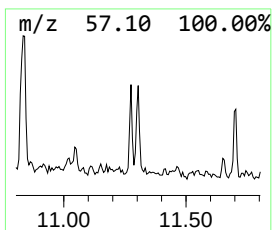
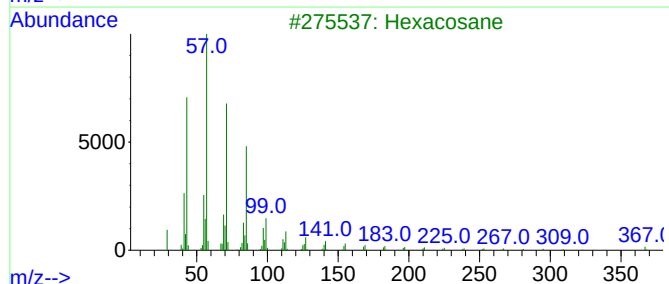
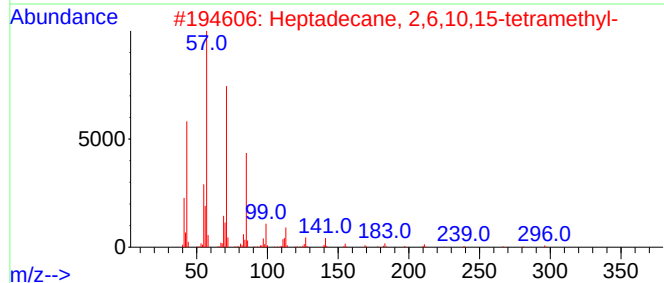
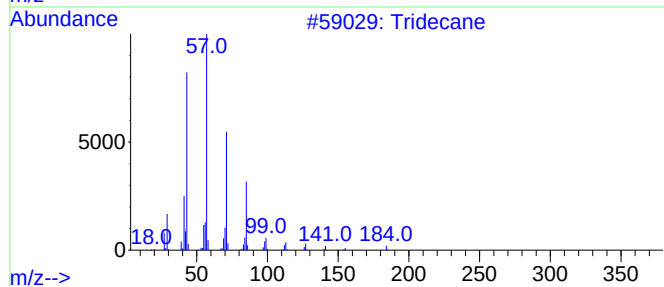
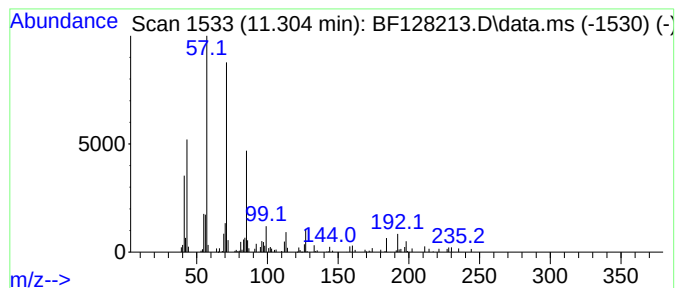
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	3.03 ng	73737	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3			Hexacosane	366	C26H54	000630-01-3	80
4			Tetratetracontane	619	C44H90	007098-22-8	78
5			Heptadecane	240	C17H36	000629-78-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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ALS Vial : 24 Sample Multiplier: 1

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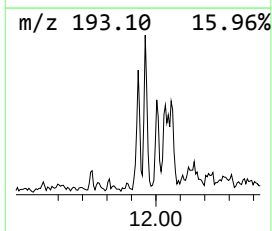
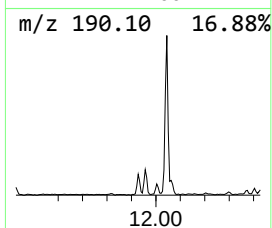
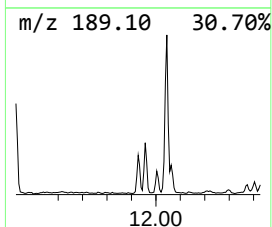
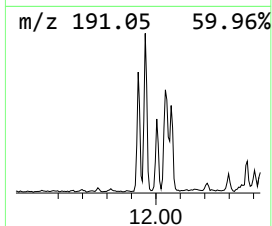
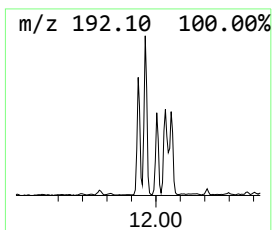
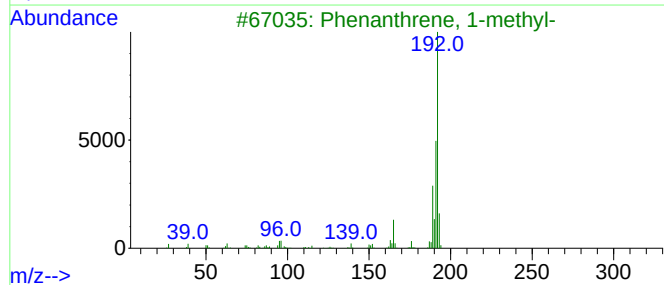
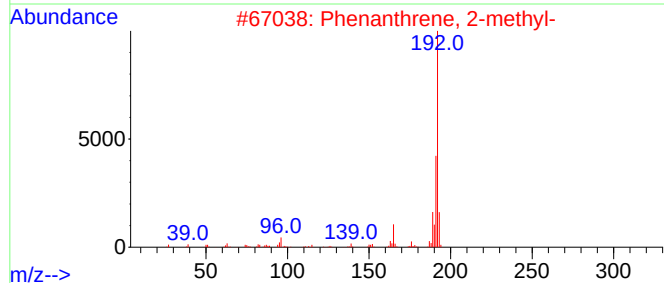
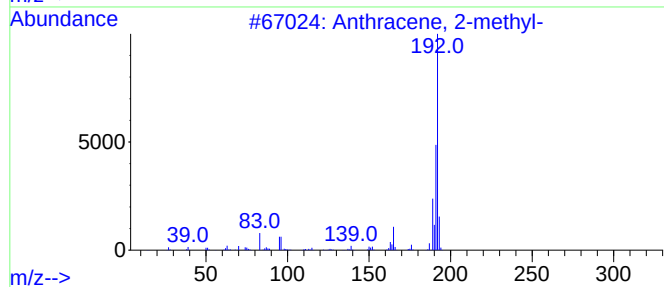
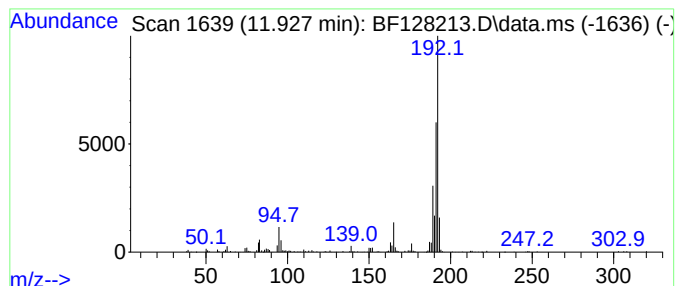
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	5.71 ng	138865	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



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Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CF-280MER-8-15

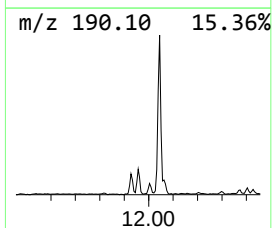
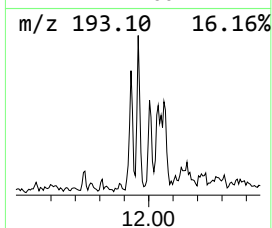
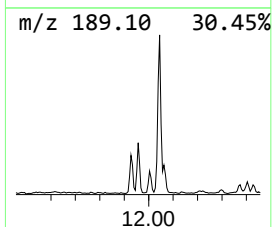
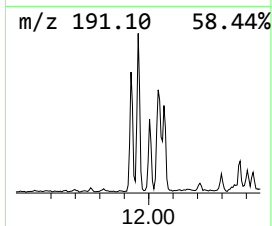
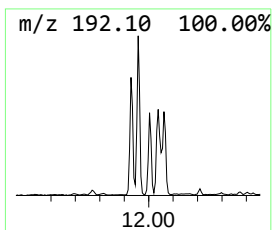
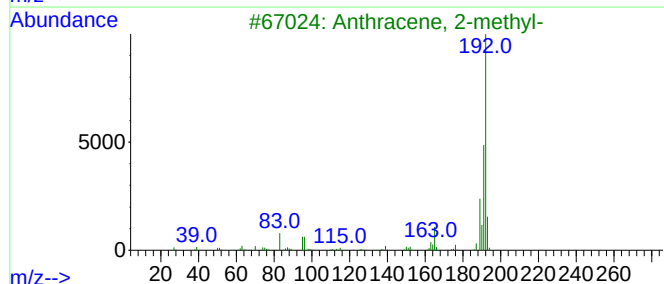
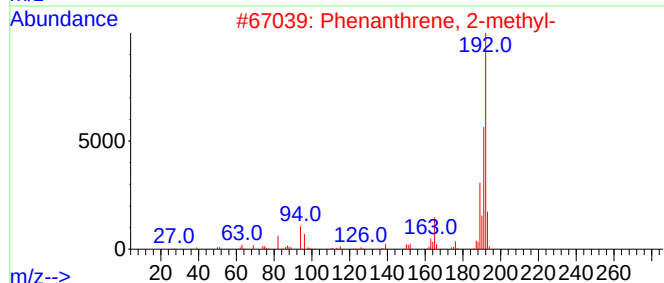
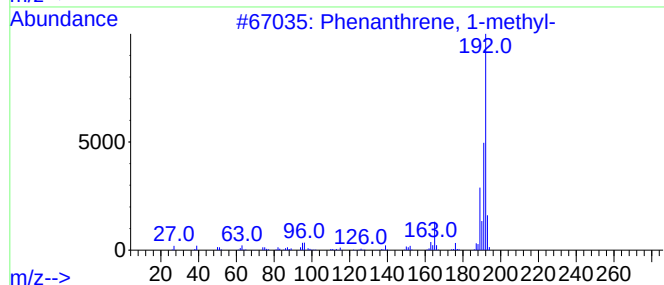
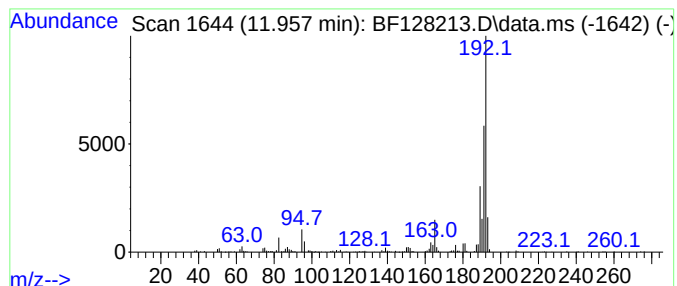
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	7.21 ng	175363	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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Acq On : 12 May 2022 00:08
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ALS Vial : 24 Sample Multiplier: 1

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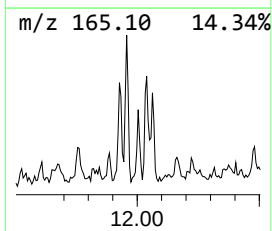
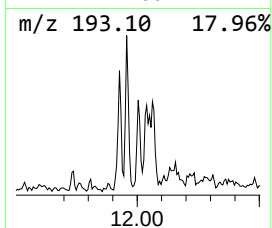
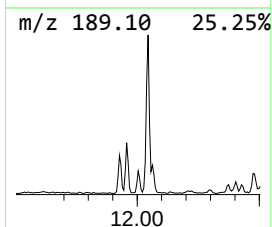
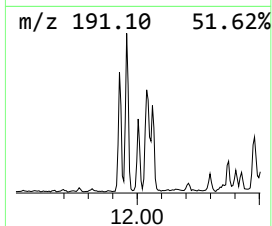
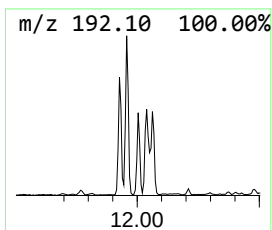
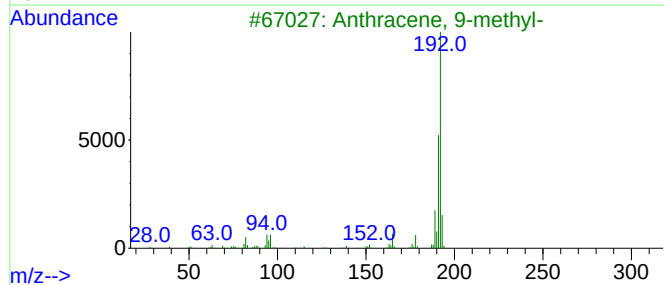
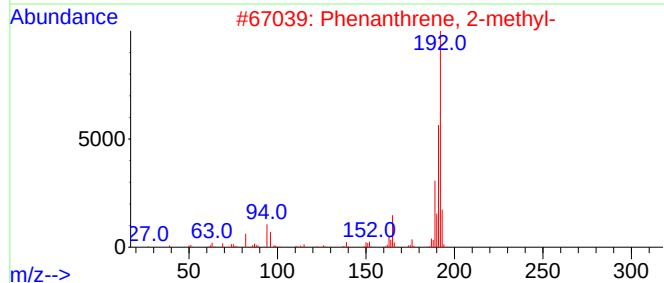
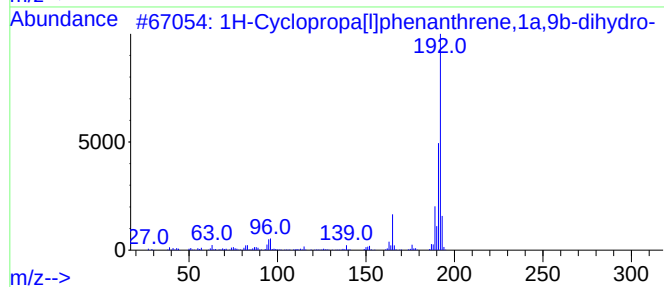
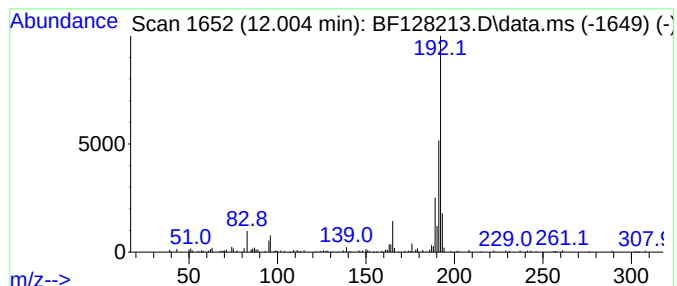
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.23 ng	78616	Phenanthrene-d10	11.427

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

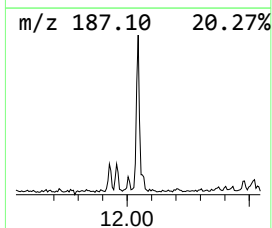
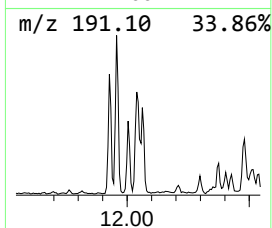
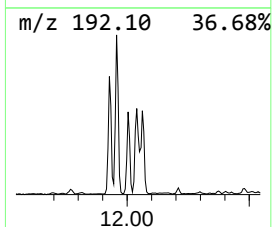
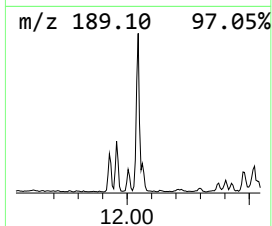
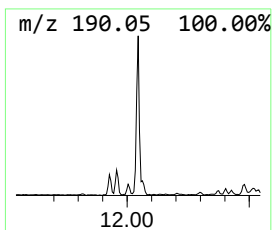
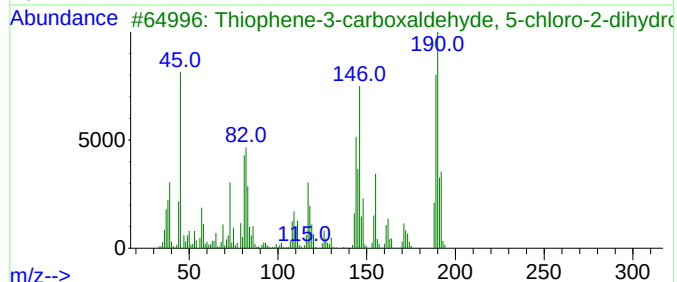
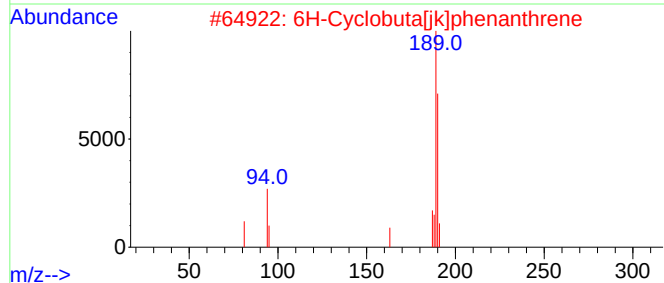
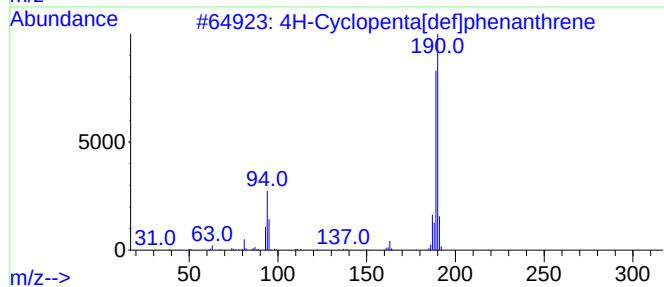
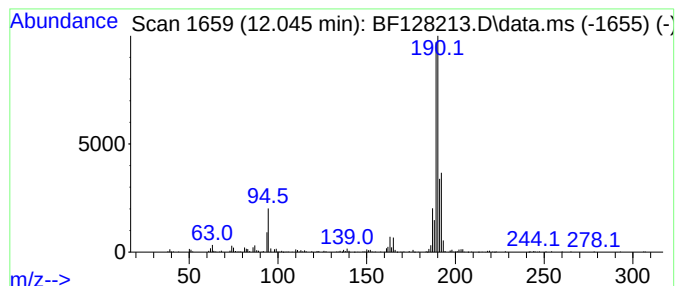
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	11.44 ng	278418	Phenanthrene-d10	11.427

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
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\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
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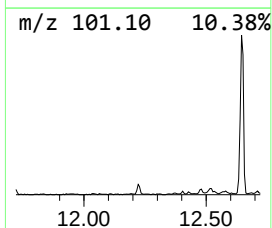
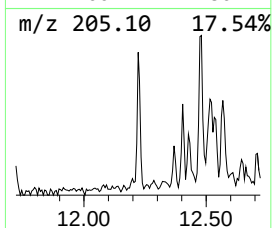
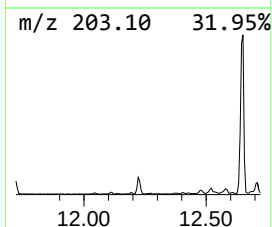
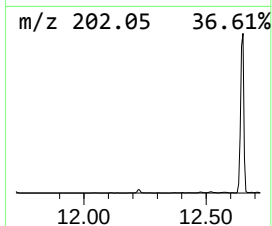
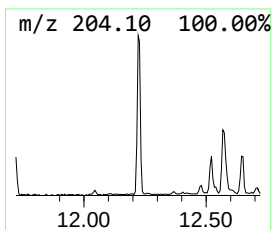
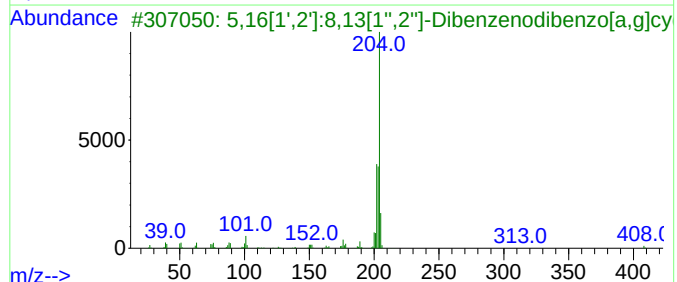
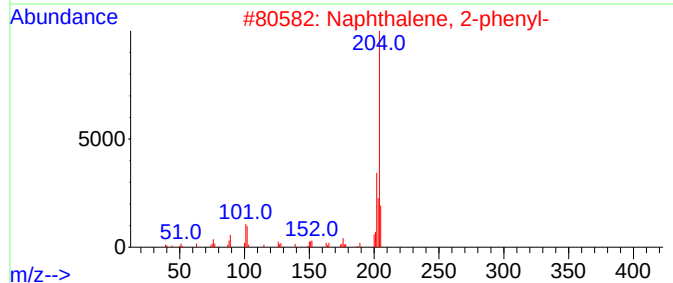
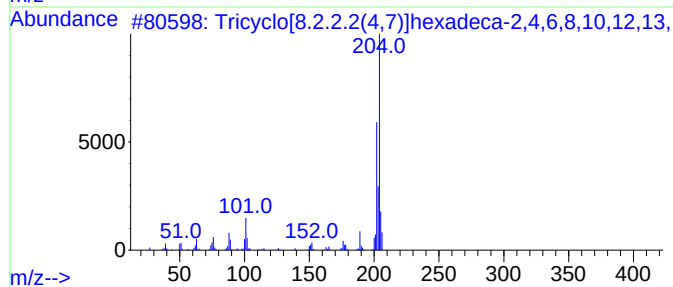
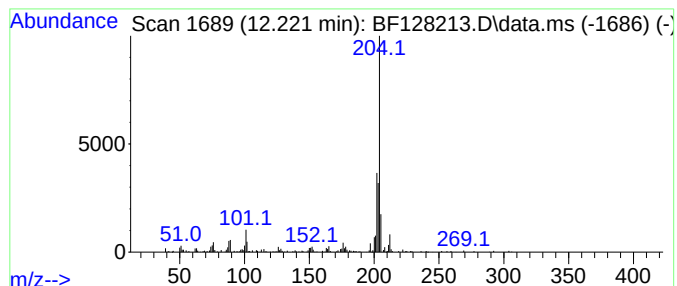
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.221	4.00 ng	97397	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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Acq On : 12 May 2022 00:08
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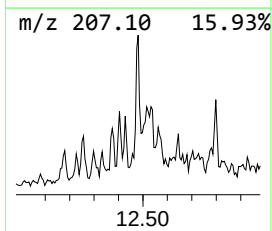
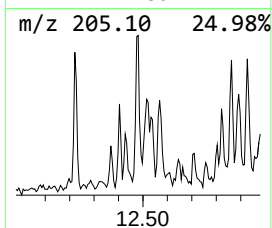
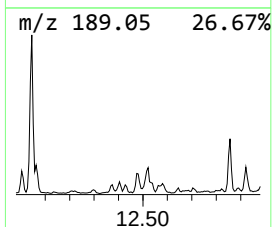
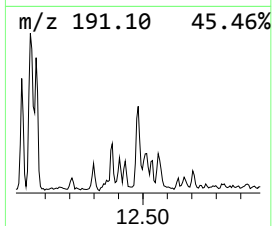
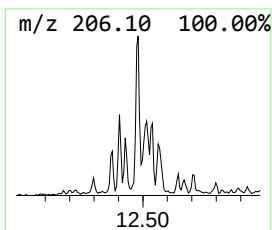
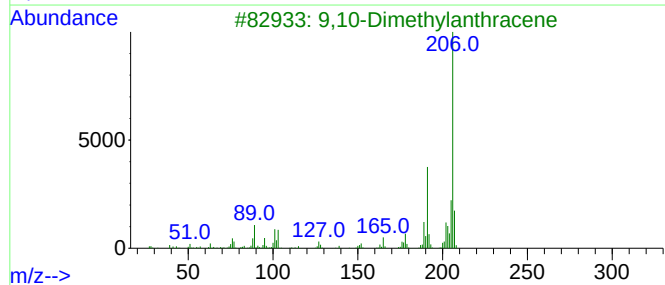
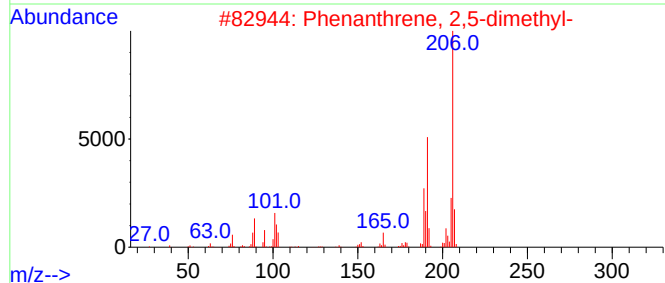
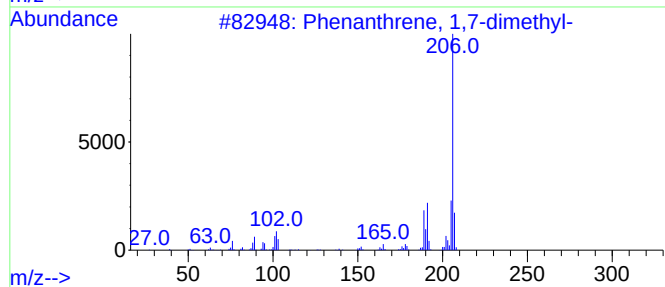
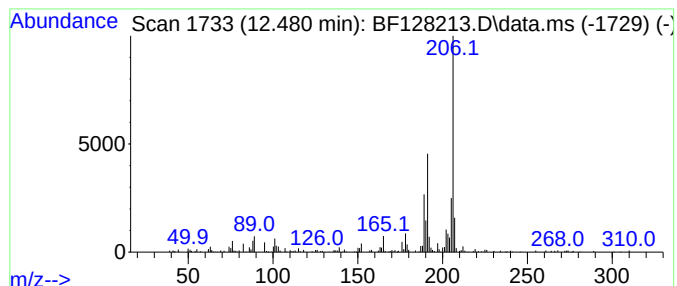
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	4.93 ng	120020	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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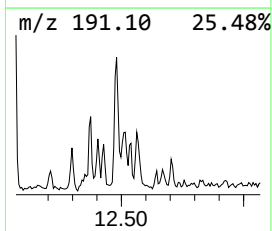
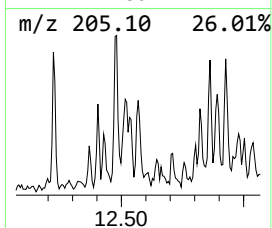
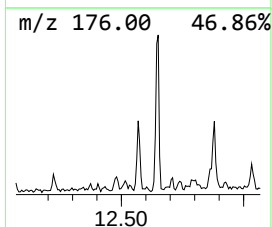
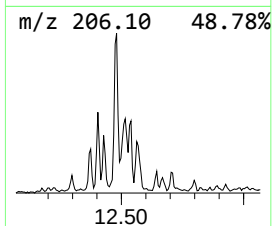
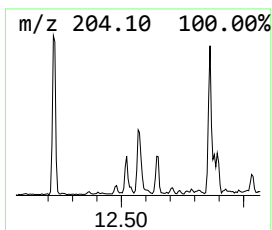
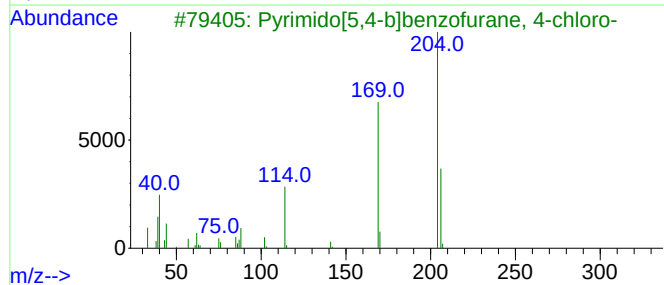
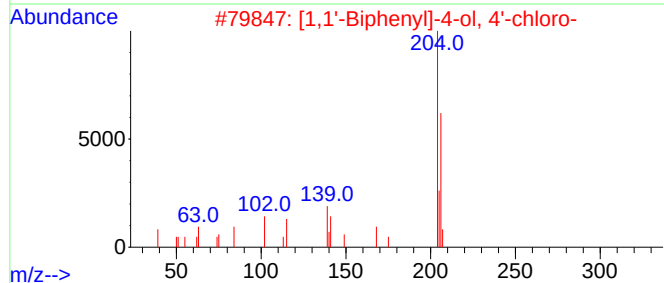
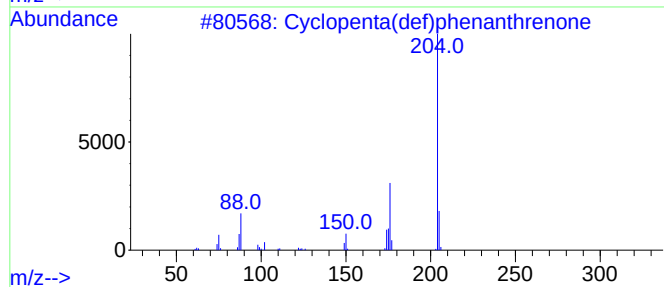
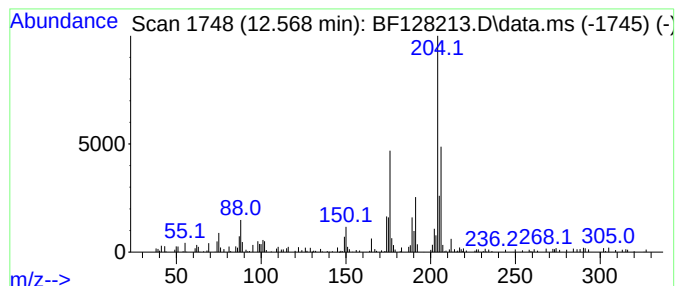
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	3.70 ng	89998	Phenanthrene-d10	11.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3			Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
4			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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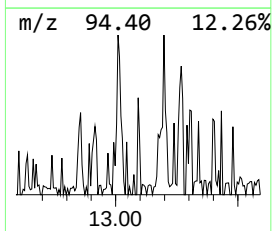
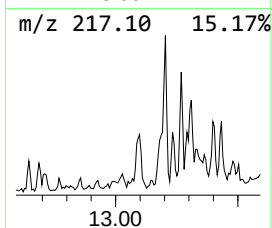
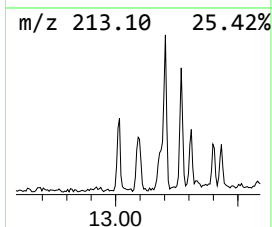
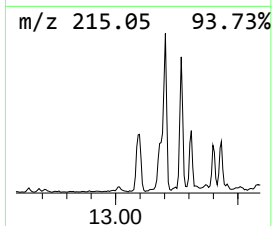
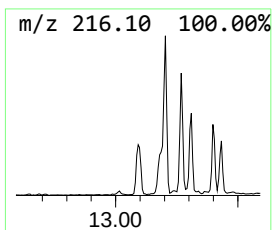
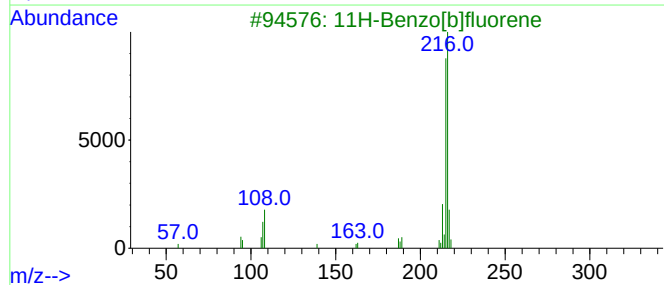
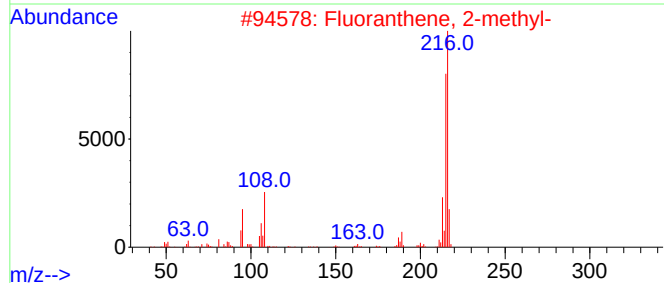
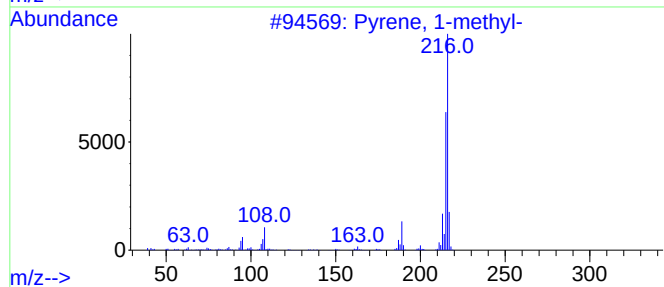
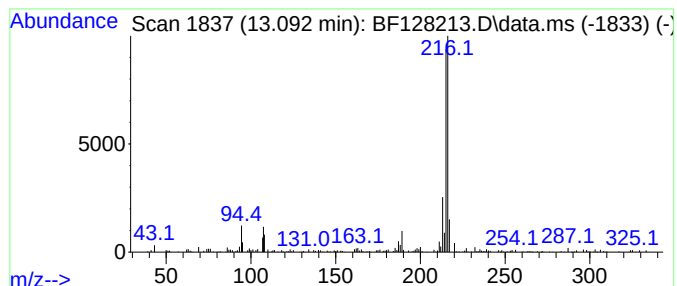
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	3.11 ng	150837	Chrysene-d12	14.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

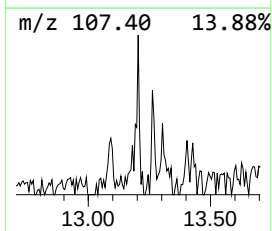
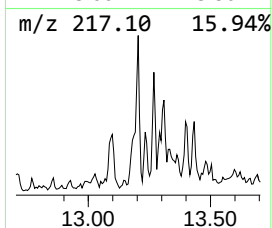
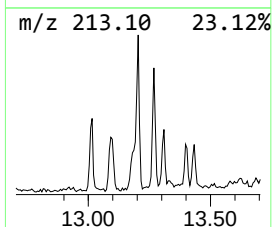
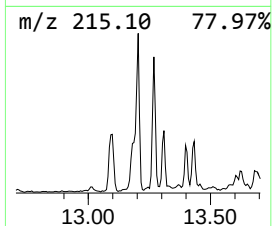
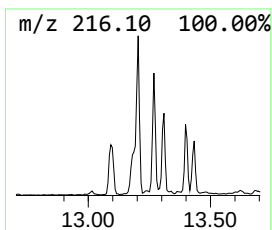
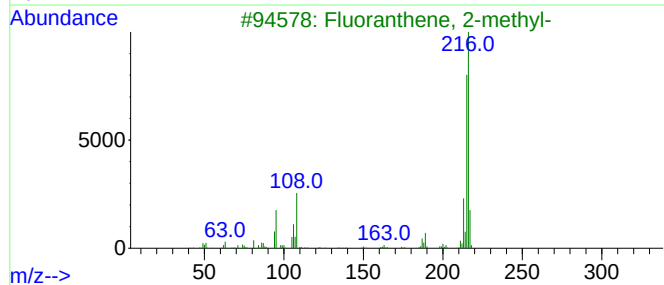
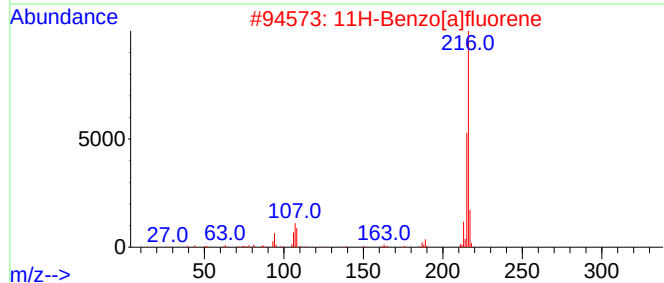
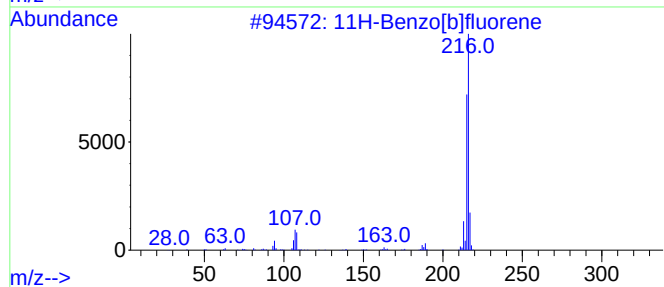
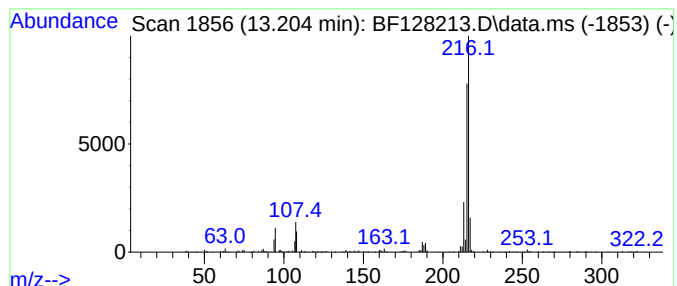
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	4.03 ng	195627	Chrysene-d12	14.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

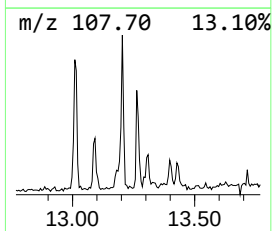
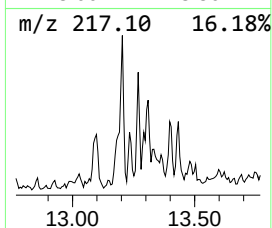
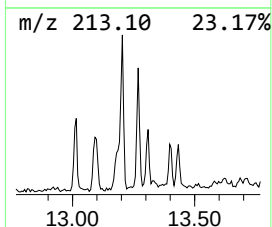
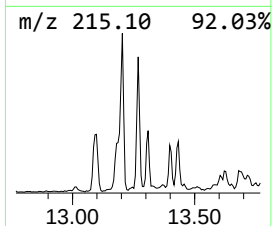
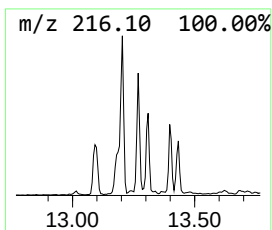
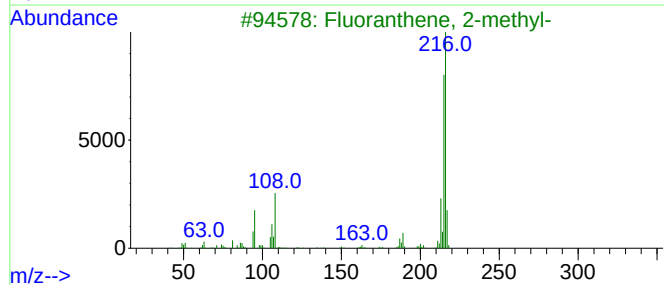
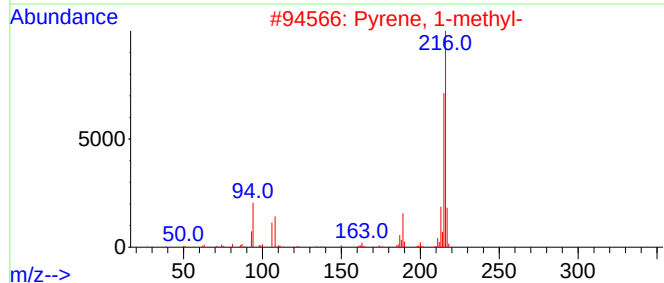
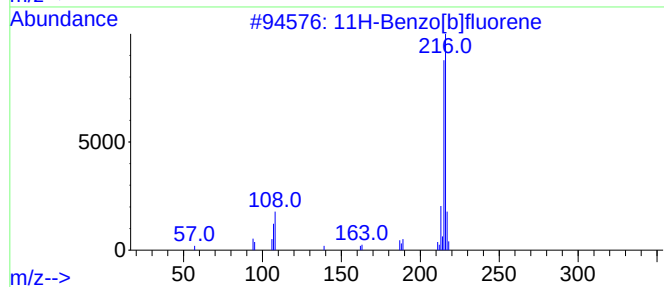
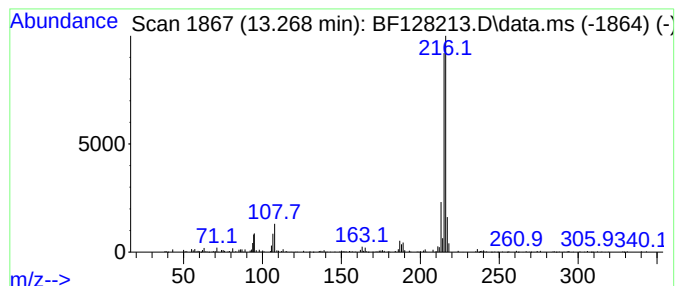
Instrument :
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ClientSampleId :
CF-280MER-8-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.268	2.82 ng	136984	Chrysene-d12		14.080	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128213.D
Acq On : 12 May 2022 00:08
Operator : CG\JU
Sample : N2776-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-280MER-8-15

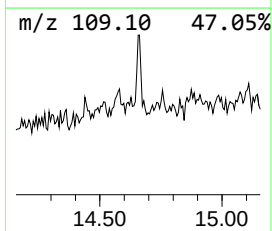
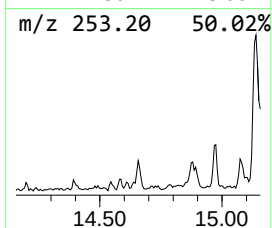
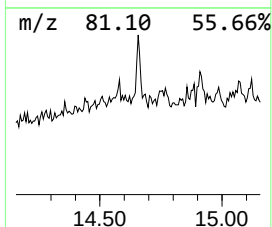
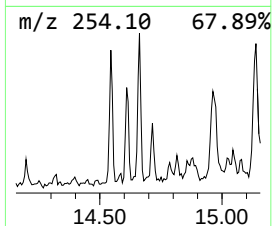
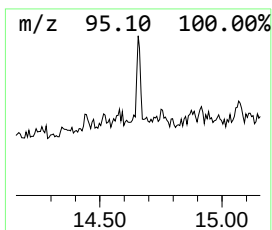
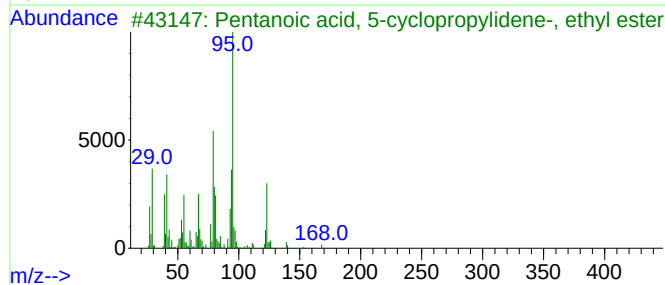
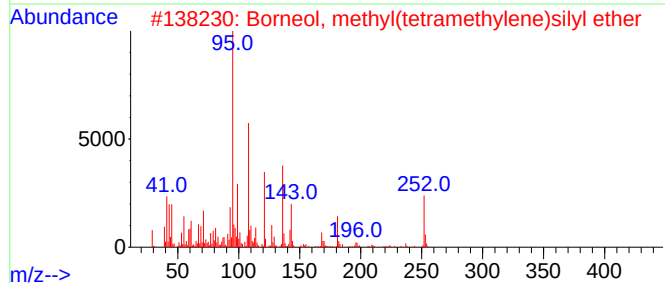
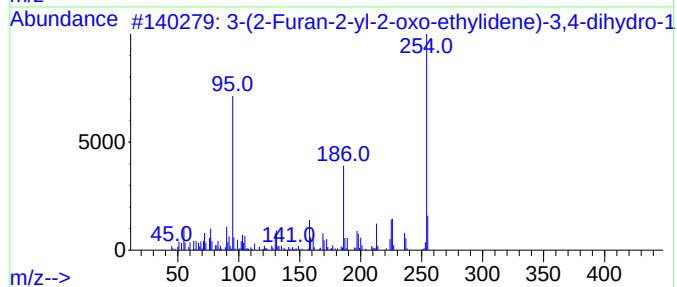
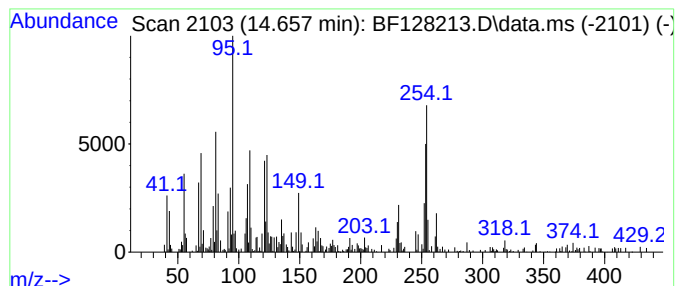
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown14.657 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	4.02 ng	194937	Chrysene-d12	14.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Furan-2-yl-2-oxo-ethylidene...	254	C14H10N2O3	1000297-32-1	27		
2	Borneol, methyl(tetramethylene)s...	252	C15H28OSi	1000278-62-0	22		
3	Pentanoic acid, 5-cyclopropylide...	168	C10H16O2	1010159-44-3	14		
4	2-Furoylacetonitrile	135	C7H5N02	1000342-47-5	11		
5	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	11		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128213.D
 Acq On : 12 May 2022 00:08
 Operator : CG\JU
 Sample : N2776-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-280MER-8-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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
Carbonic acid, ...	9.322	2.9	ng	75702	3	9.933	516501	20.0
unknown9.639	9.639	3.5	ng	89958	3	9.933	516501	20.0
Hexadecane	9.851	3.0	ng	77659	3	9.933	516501	20.0
Tetradecane	10.351	4.1	ng	106613	3	9.933	516501	20.0
Undecane, 3,6-d...	10.569	5.0	ng	129766	3	9.933	516501	20.0
Hexadecane, 2,6...	10.839	7.1	ng	172374	4	11.427	486619	20.0
Benzenamine, 3-...	11.180	2.8	ng	69016	4	11.427	486619	20.0
Pentadecane	11.274	3.7	ng	90943	4	11.427	486619	20.0
Tridecane	11.304	3.0	ng	73737	4	11.427	486619	20.0
Anthracene, 2-m...	11.927	5.7	ng	138865	4	11.427	486619	20.0
Phenanthrene, 1...	11.957	7.2	ng	175363	4	11.427	486619	20.0
1H-Cyclopropa[1...	12.004	3.2	ng	78616	4	11.427	486619	20.0
4H-Cyclopenta[d...	12.045	11.4	ng	278418	4	11.427	486619	20.0
Tricyclo[8.2.2...	12.221	4.0	ng	97397	4	11.427	486619	20.0
Phenanthrene, 1...	12.480	4.9	ng	120020	4	11.427	486619	20.0
Cyclopenta(def)...	12.569	3.7	ng	89998	4	11.427	486619	20.0
Pyrene, 1-methyl-	13.092	3.1	ng	150837	5	14.080	970557	20.0
11H-Benzo[b]flu...	13.204	4.0	ng	195627	5	14.080	970557	20.0
Fluoranthene, 2...	13.268	2.8	ng	136984	5	14.080	970557	20.0
unknown14.657	14.657	4.0	ng	194937	5	14.080	970557	20.0