LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132631.D
Acq On : 03 Mar 2023 16:28
Operator : CG\JU
Sample : 01767-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CE-63-030123

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: BF132631.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	457	rVB	1210703	1400864	23.24%	1.727%
2	5.622	512	516	520	rBV	2949155	2994956	49.68%	3.693%
3	6.622	682	686	689	rBV	3209845	2861360	47.46%	3.528%
4	6.998	746	750	754	rBV	1371300	1047393	17.37%	1.291%
5	7.563	841	846	849	rBV	2192978	1894120	31.42%	2.335%
6	8.287	965	969	971	rBV	1382881	1220592	20.25%	1.505%
7	9.357	1147	1151	1154	rBV	3768485	3040065	50.43%	3.748%
8	10.045	1265	1268	1271	rVV	1447693	1141289	18.93%	1.407%
9	10.075	1271	1273	1277	rVB	288940	244597	4.06%	0.302%
10	10.204	1289	1295	1299	rBV2	67026	90134	1.50%	0.111%
11	10.251	1299	1303	1306	rVV2	140145	147551	2.45%	0.182%
12	10.457	1332	1338	1342	rBV4	60463	97850	1.62%	0.121%
13	10.592	1357	1361	1366	rBV	244216	230644	3.83%	0.284%
14	10.757	1386	1389	1393	rVB2	178569	189052	3.14%	0.233%
15	10.839	1399	1403	1406	rBV	1814772	1605448	26.63%	1.979%
16	11.145	1449	1455	1457	rBV3	124543	174412	2.89%	0.215%
17	11.175	1457	1460	1463	rVV2	84597	91319	1.51%	0.113%
18	11.269	1472	1476	1478	rBV3	84365	123169	2.04%	0.152%
19	11.292	1478	1480	1485	rVB3	85640	95918	1.59%	0.118%
20	11.345	1485	1489	1492	rVB	111957	99993	1.66%	0.123%
21	11.386	1492	1496	1502	rBV2	139198	199462	3.31%	0.246%
22	11.439	1502	1505	1515	rVB	194030	195555	3.24%	0.241%
23	11.539	1519	1522	1524	rBV	1063620	1020687	16.93%	1.258%
24	11.569	1524	1527	1530	rVV	2858486	2373366	39.37%	2.926%
25	11.616	1532	1535	1538	rVV	913013	795432	13.19%	0.981%
26	11.769	1558	1561	1567	rBV2	120429	185325	3.07%	0.228%
27	11.833	1570	1572	1575	rVV	140844	121491	2.02%	0.150%
28	11.875	1576	1579	1584	rVB2	98228	100186	1.66%	0.124%
29	12.045	1602	1608	1611	rBV	546676	615424	10.21%	0.759%
30	12.075	1611	1613	1616	rVB	743940	581264	9.64%	0.717%
31	12.122	1616	1621	1624	rBV	364210	319284	5.30%	0.394%
32	12.163	1624	1628	1630	rBV2	886874	1028813	17.07%	1.268%
33	12.339	1655	1658	1661	rVV	486204	435756	7.23%	0.537%
34	12.369	1661	1663	1667	rVV2	186119	162384	2.69%	0.200%
35	12.492	1682	1684	1687	rVB	179544	126971	2.11%	0.157%
36	12.545	1691	1693	1696	rVB	125404	105105	1.74%	0.130%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
CE-63-030123

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

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

37	12.598	1698	1702	1705	rBV	376657	434728	7.21%	0.536%
38	12.639	1706	1709	1711	rVV2	226017	243851	4.04%	0.301%
39	12.686	1714	1717	1722	rBV2	341403	418144	6.94%	0.516%
40	12.769	1726	1731	1735	rBV	4578232	4863380	80.67%	5.996%
41	12.827	1739	1741	1744	rVB	156973	110786	1.84%	0.137%
42	12.892	1748	1752	1753	rBV3	76756	95152	1.58%	0.117%
43	12.922	1754	1757	1759	rBV	211572	173246	2.87%	0.214%
44	13.004	1764	1771	1775	rBV2	4922108	6028494	100.00%	7.433%
45	13.045	1775	1778	1782	rVB2	308400	330437	5.48%	0.407%
46	13.133	1782	1793	1796	rBV	2889789	2972077	49.30%	3.664%
47	13.157	1796	1797	1800	rVB	242188	151536	2.51%	0.187%
48	13.210	1802	1806	1811	rBV2	395673	685665	11.37%	0.845%
49	13.304	1818	1822	1823	rBV3	324247	393581	6.53%	0.485%
50	13.327	1823	1826	1829	rVB	866730	791934	13.14%	0.976%
51	13.392	1834	1837	1840	rVV	633949	537374	8.91%	0.663%
52	13.433	1840	1844	1846	rVV2	639040	706730	11.72%	0.871%
53	13.457	1846	1848	1851	rVV	215460	199020	3.30%	0.245%
54	13.486	1851	1853	1856	rVB2	126233	105489	1.75%	0.130%
55	13.527	1856	1860	1862	rBV	440355	383437	6.36%	0.473%
56	13.557	1862	1865	1868	rBV	439388	388237	6.44%	0.479%
57	13.639	1876	1879	1882	rVB2	131037	145126	2.41%	0.179%
58	13.698	1887	1889	1892	rVV3	82038	115081	1.91%	0.142%
59	13.727	1892	1894	1896	rVV2	123611	138931	2.30%	0.171%
60	13.751	1896	1898	1901	rVV	169662	185891	3.08%	0.229%
61	13.810	1905	1908	1910	rBV2	150365	178945	2.97%	0.221%
62	13.839	1910	1913	1917	rVB	364189	418970	6.95%	0.517%
63	13.951	1927	1932	1935	rBV3	495929	655593	10.87%	0.808%
64	13.980	1935	1937	1939	rVV	588817	451936	7.50%	0.557%
65	14.004	1939	1941	1946	rVV2	512685	786194	13.04%	0.969%
66	14.045	1946	1948	1956	rVB	460761	523940	8.69%	0.646%
67	14.122	1956	1961	1966	rBV	138243	254022	4.21%	0.313%
68	14.198	1967	1974	1978	rBV2	3332882	4943728	82.01%	6.095%
69	14.233	1978	1980	1987	rVB	2816564	2577151	42.75%	3.177%
70	14.316	1991	1994	1998	rBV	712834	661466	10.97%	0.816%
71	14.427	2010	2013	2017	rVV2	254889	355670	5.90%	0.439%
72	14.463	2017	2019	2021	rVB2	126339	99502	1.65%	0.123%
73	14.521	2027	2029	2032	rBV2	85376	117446	1.95%	0.145%
74	14.557	2032	2035	2037	rVV	178346	183468	3.04%	0.226%
75	14.592	2037	2041	2044	rVV	684567	742057	12.31%	0.915%
76	14.627	2044	2047	2050	rVB	326498	296079	4.91%	0.365%

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Misc :
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.692	2056	2058	2061	rVB	250857	221332	3.67%	0.273%
78	14.721	2061	2063	2065	rVV	319551	290933	4.83%	0.359%
79	14.745	2065	2067	2071	rVB	419781	373453	6.19%	0.460%
80	14.798	2071	2076	2082	rVB3	240589	362611	6.01%	0.447%
81	14.921	2094	2097	2100	rBV2	149682	178691	2.96%	0.220%
82	15.010	2109	2112	2115	rBV2	83708	103516	1.72%	0.128%
83	15.121	2127	2131	2139	rVB2	270485	400588	6.64%	0.494%
84	15.192	2140	2143	2147	rVB5	96046	135273	2.24%	0.167%
85	15.304	2156	2162	2165	rBV	2295415	4213115	69.89%	5.194%
86	15.410	2177	2180	2185	rBV	550482	628113	10.42%	0.774%
87	15.504	2193	2196	2198	rBV2	153664	189433	3.14%	0.234%
88	15.574	2205	2208	2211	rVB2	137976	160722	2.67%	0.198%
89	15.633	2212	2218	2224	rVB	1616804	2407424	39.93%	2.968%
90	15.704	2224	2230	2234	rBV	2257774	3176015	52.68%	3.916%
91	15.763	2234	2240	2243	rBV	926041	1361462	22.58%	1.679%
92	15.798	2243	2246	2252	rVB	794428	1072041	17.78%	1.322%
93	16.151	2303	2306	2312	rVB4	87214	150554	2.50%	0.186%
94	16.233	2316	2320	2325	rVB2	127919	213764	3.55%	0.264%
95	16.368	2340	2343	2350	rVB2	137429	202439	3.36%	0.250%
96	17.368	2506	2513	2520	rVB2	869081	1807222	29.98%	2.228%
97	17.551	2540	2544	2550	rVB	149795	261489	4.34%	0.322%
98	17.621	2551	2556	2560	rVV2	122758	222390	3.69%	0.274%
99	17.857	2588	2596	2608	rVB	672430	1571279	26.06%	1.937%
100	18.104	2633	2638	2651	rVB	181815	401806	6.67%	0.495%

Sum of corrected areas: 81107390

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Instrument :
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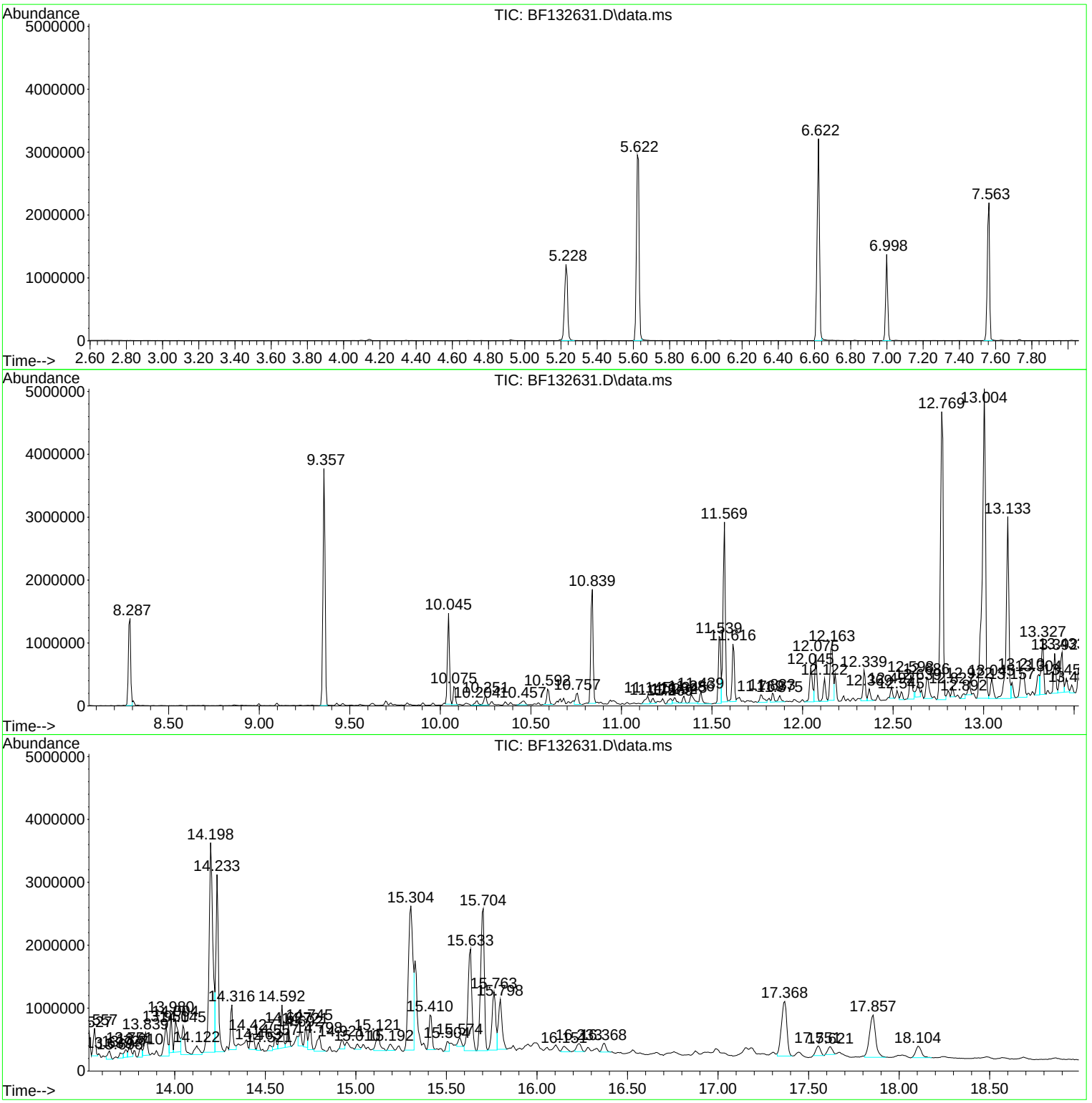
ClientSampleId :
CE-63-030123

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
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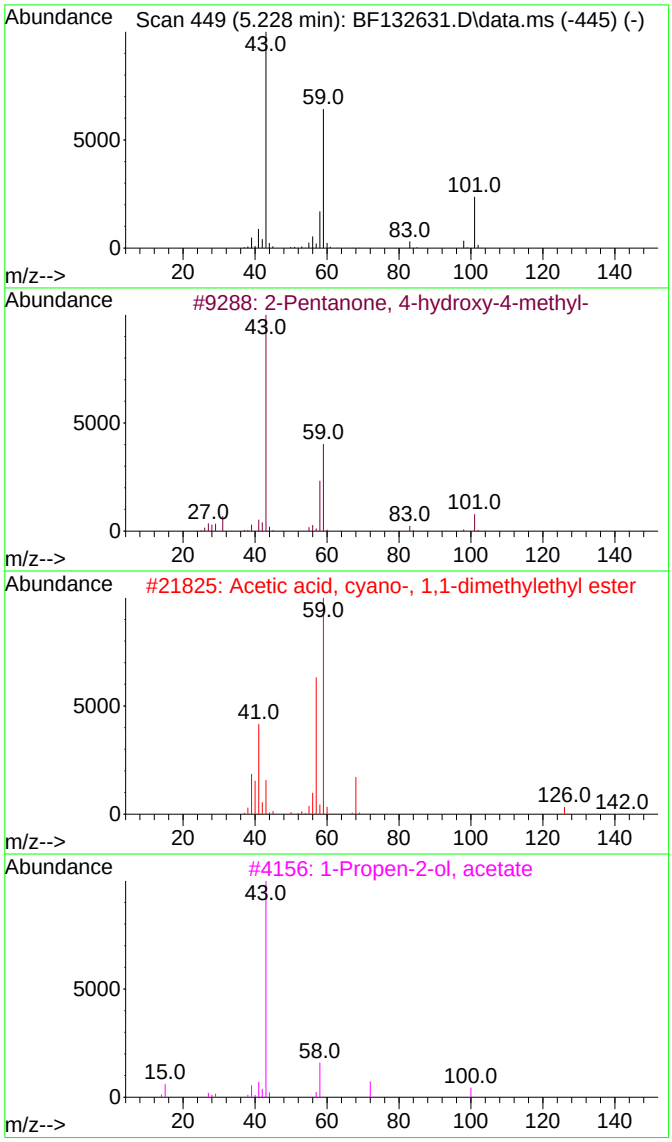
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

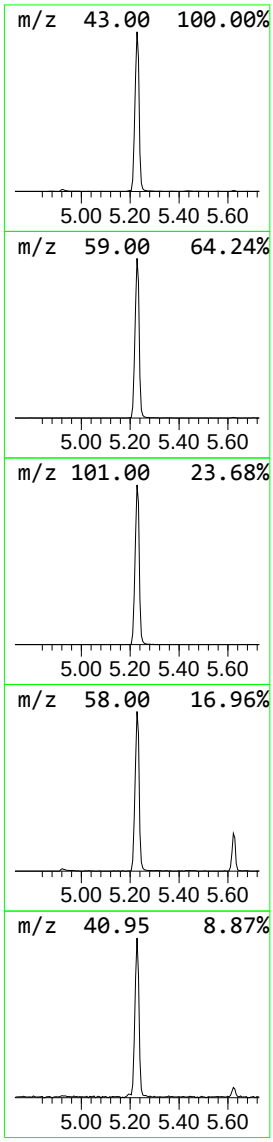
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.228	26.75 ng	1400860	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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

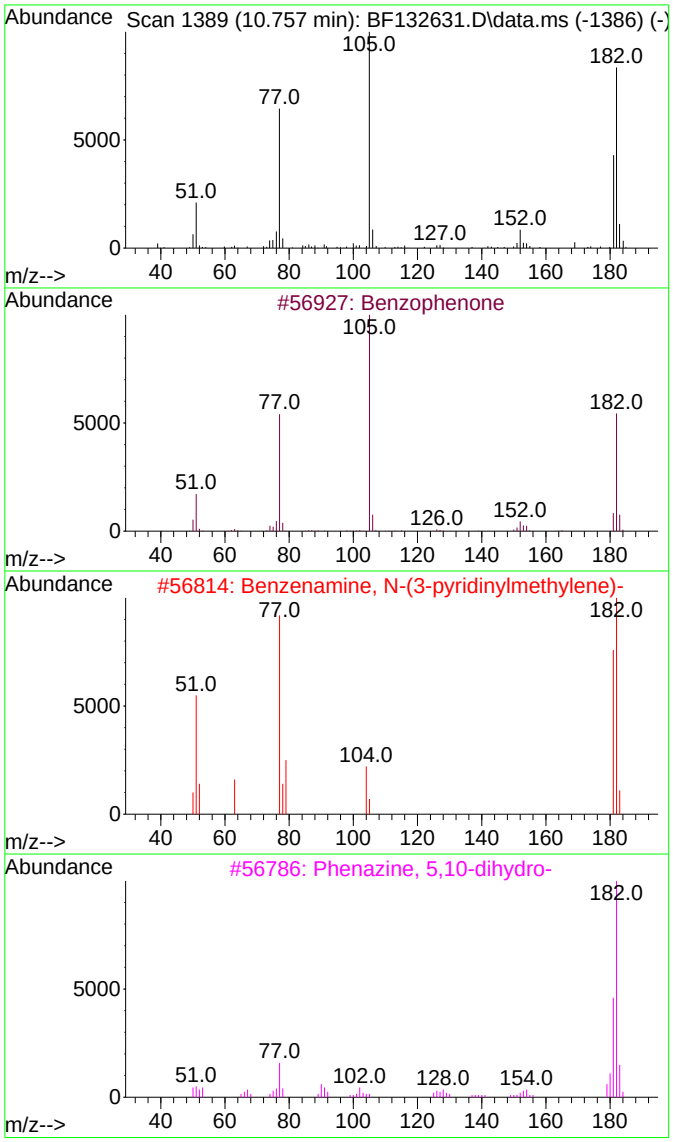
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

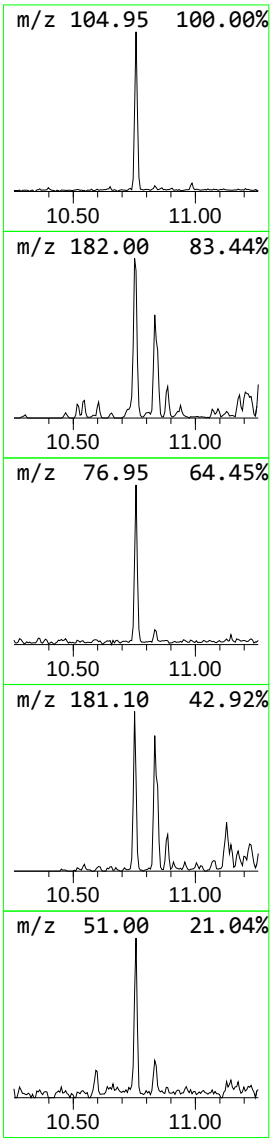
****

Peak Number 2 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	3.31 ng	189052	Acenaphthene-d10	10.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	64
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	43
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
5	2-Mercapto-7-methyl-1H-imidazolo...	182	C6H6N4OS	128920-50-3	30





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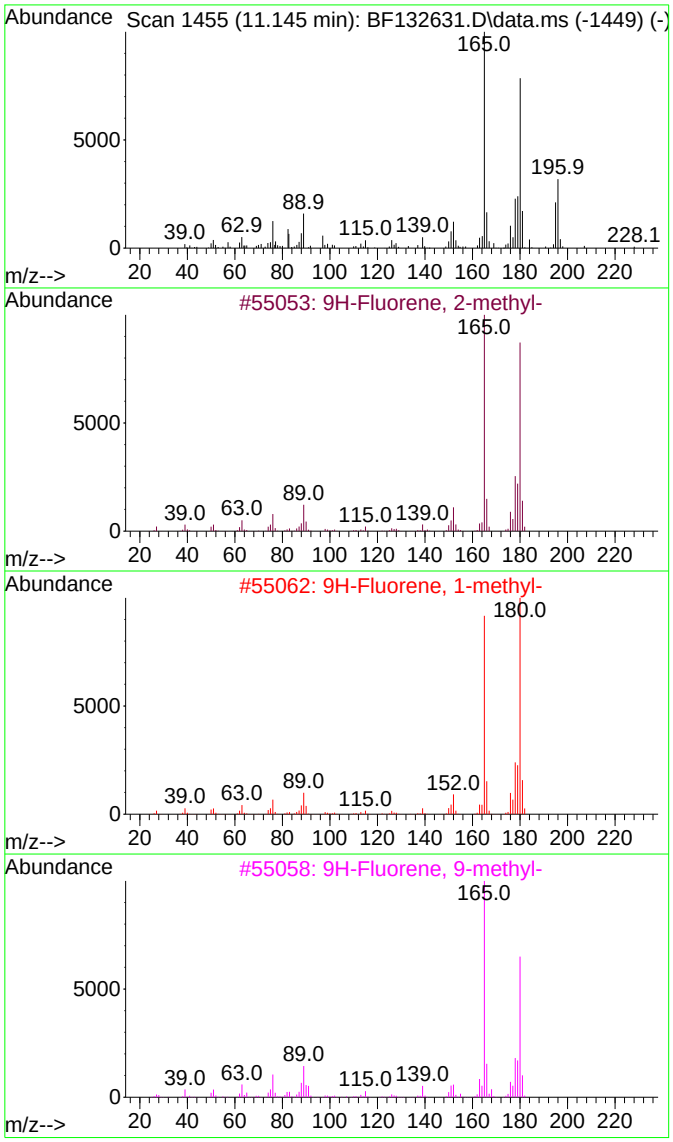
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

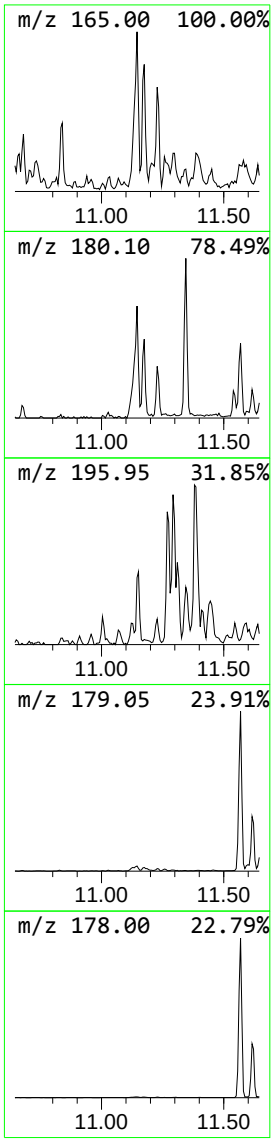
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	3.42 ng	174412	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86





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

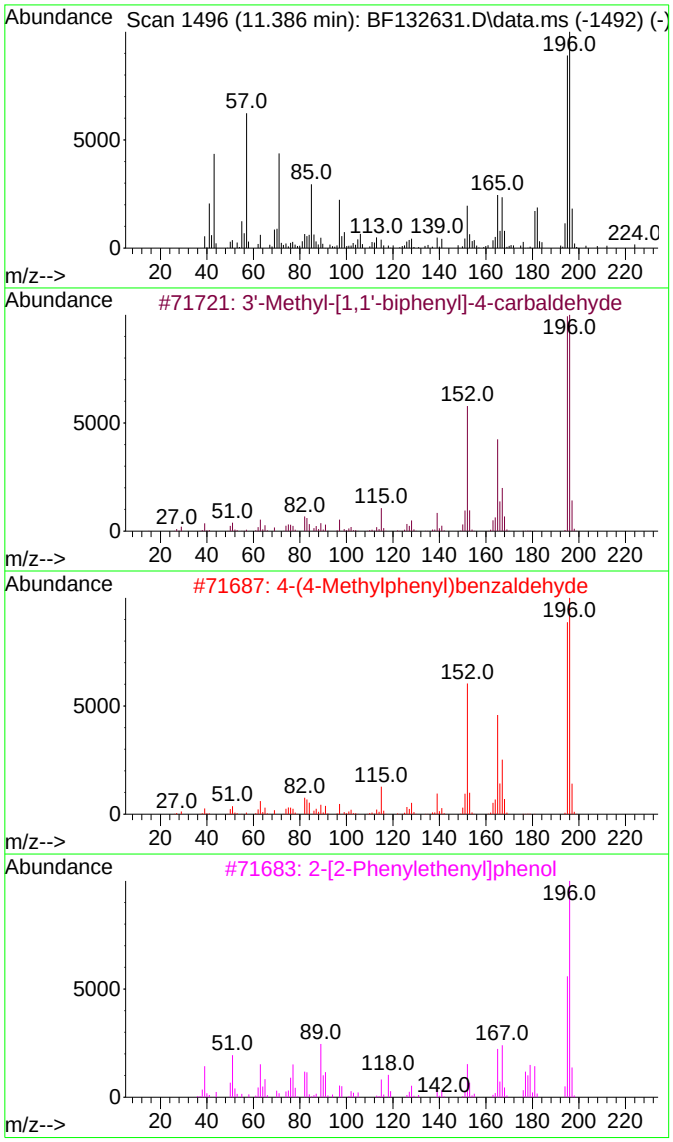
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

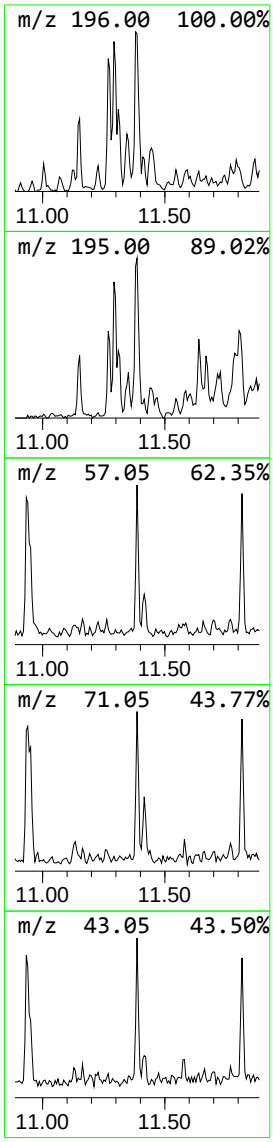
****

Peak Number 4 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	3.91 ng	199462	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	83
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	64
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	49
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	46





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Sample : 01767-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

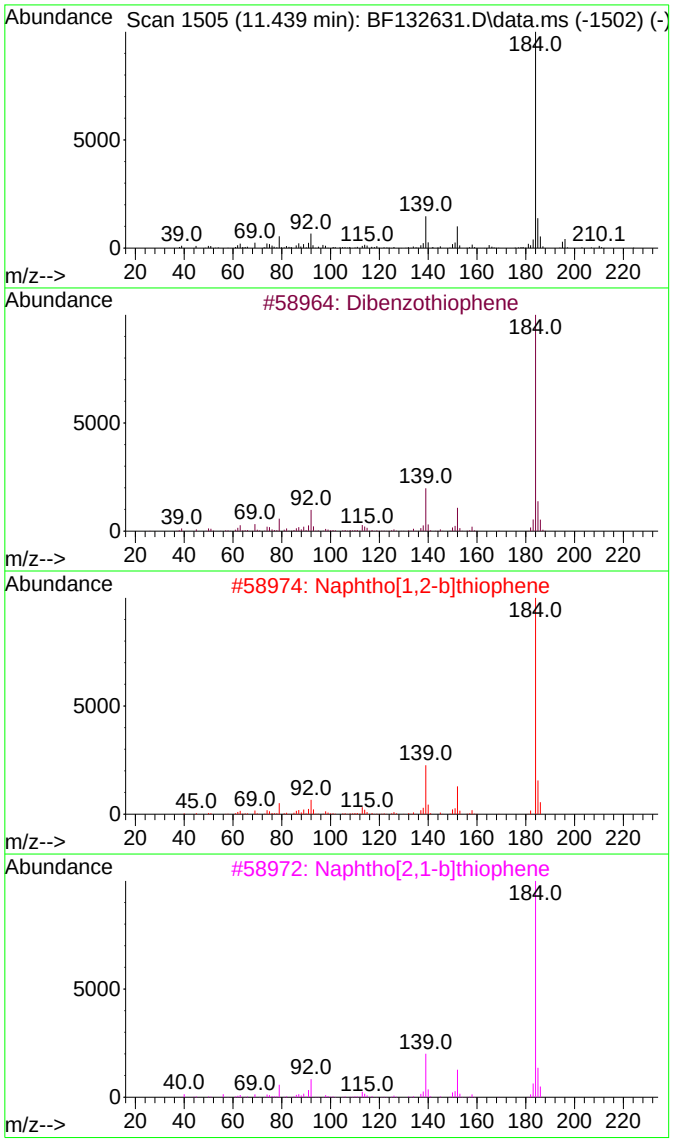
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

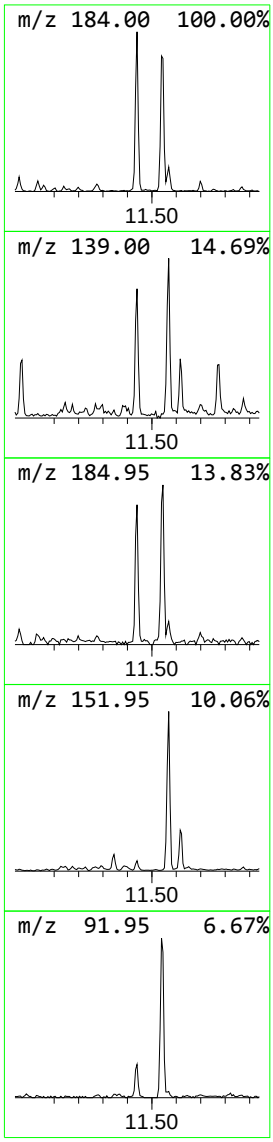
****

Peak Number 5 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	3.83 ng	195555	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Operator : CG\JU
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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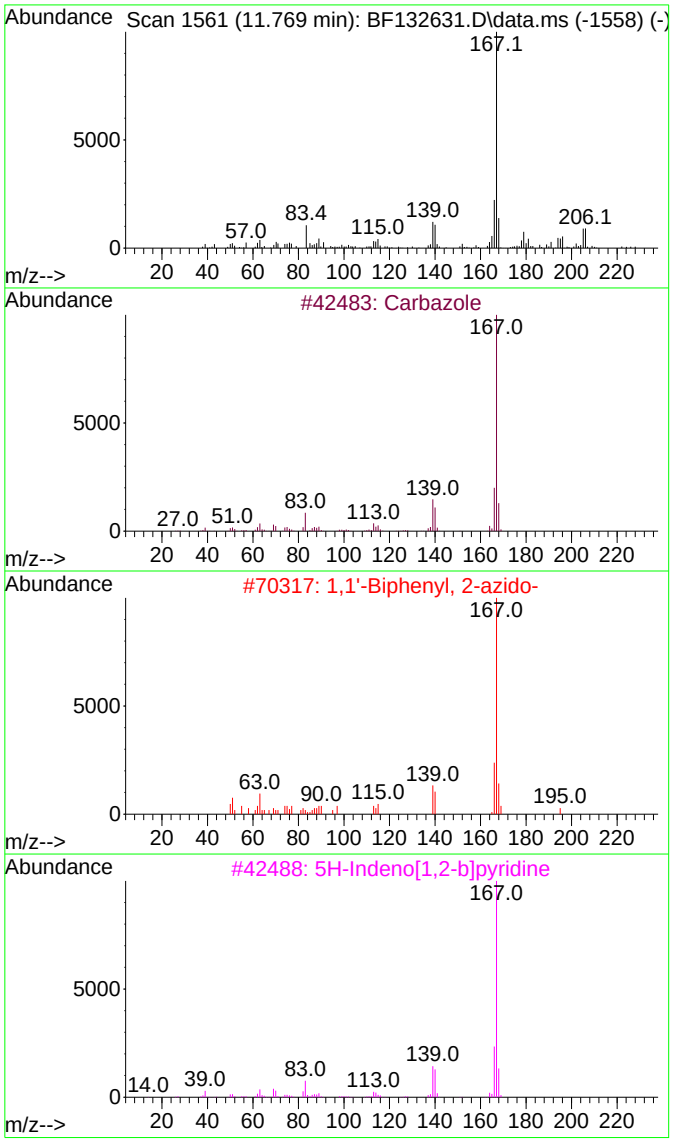
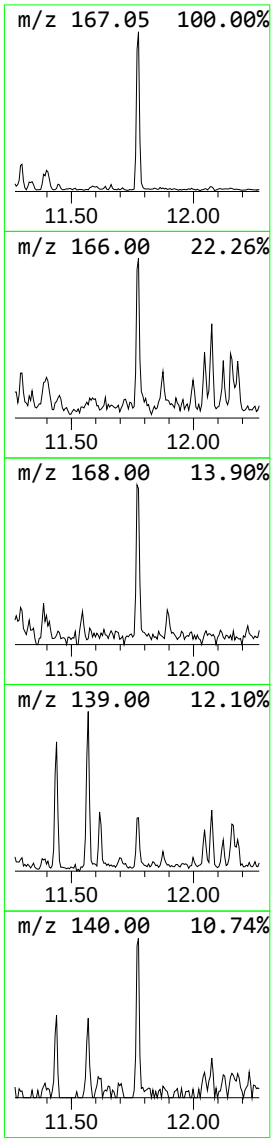
Peak Number 6 1,1'-Biphenyl, 2-azido- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	3.63 ng	185325	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	93
2	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	87
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	81
4	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	76
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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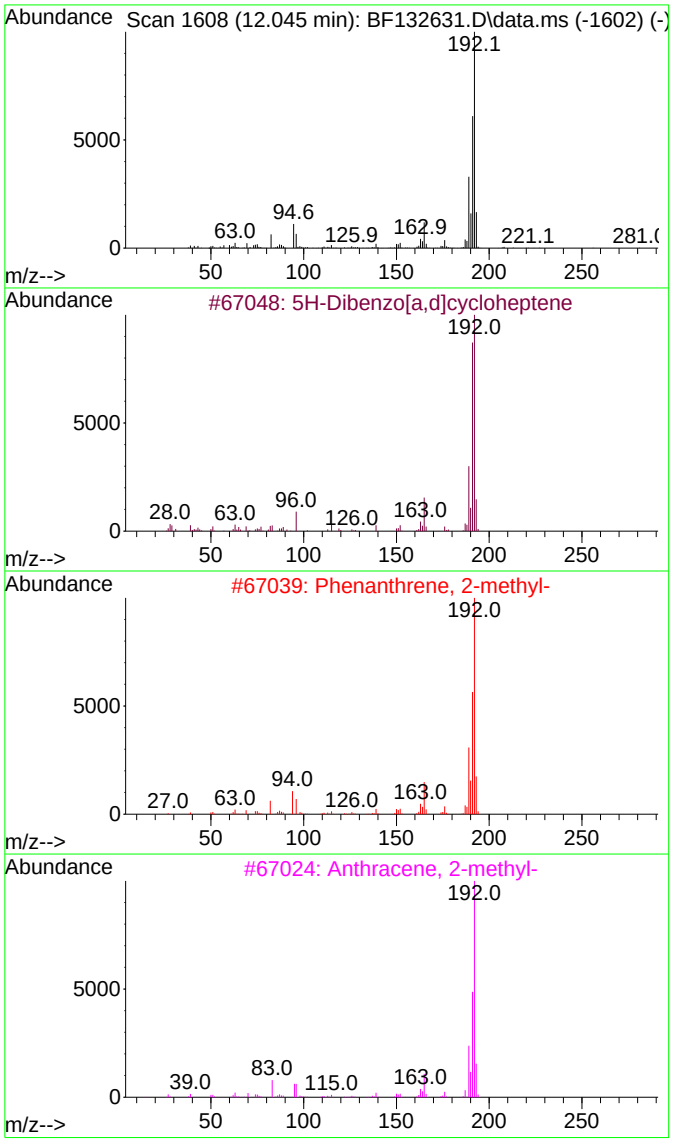
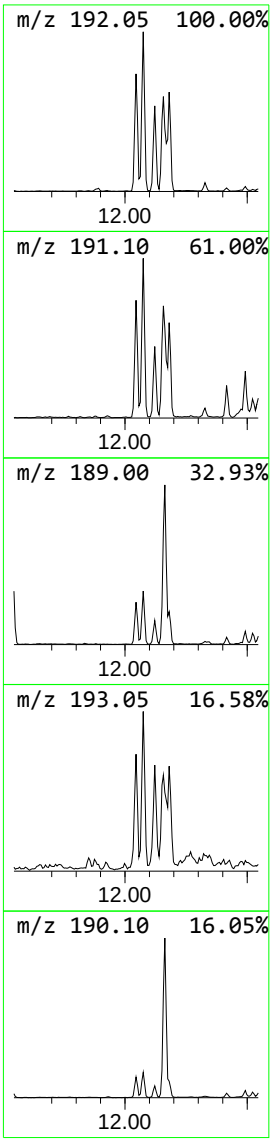
Peak Number 7 5H-Dibenzo[a,d]cycloheptene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	12.06 ng	615424	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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

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

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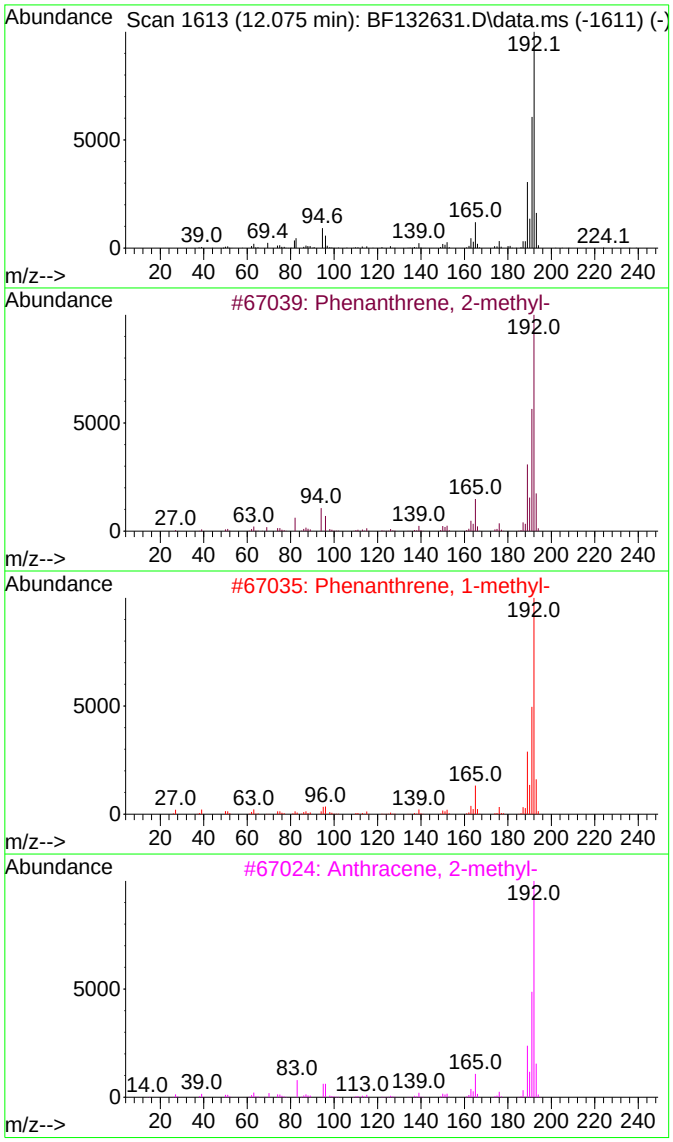
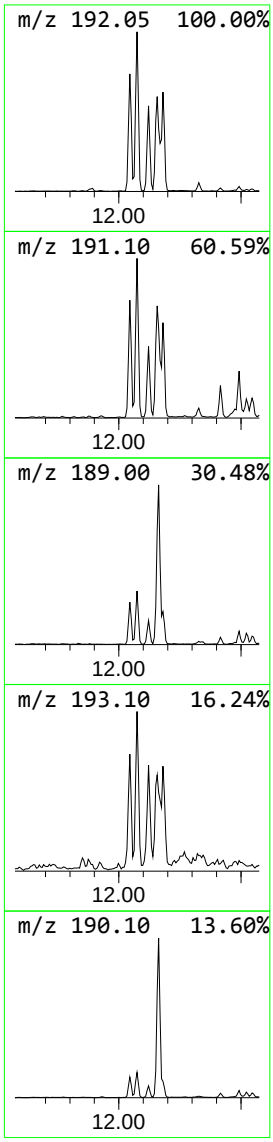
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	11.39 ng	581264	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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

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

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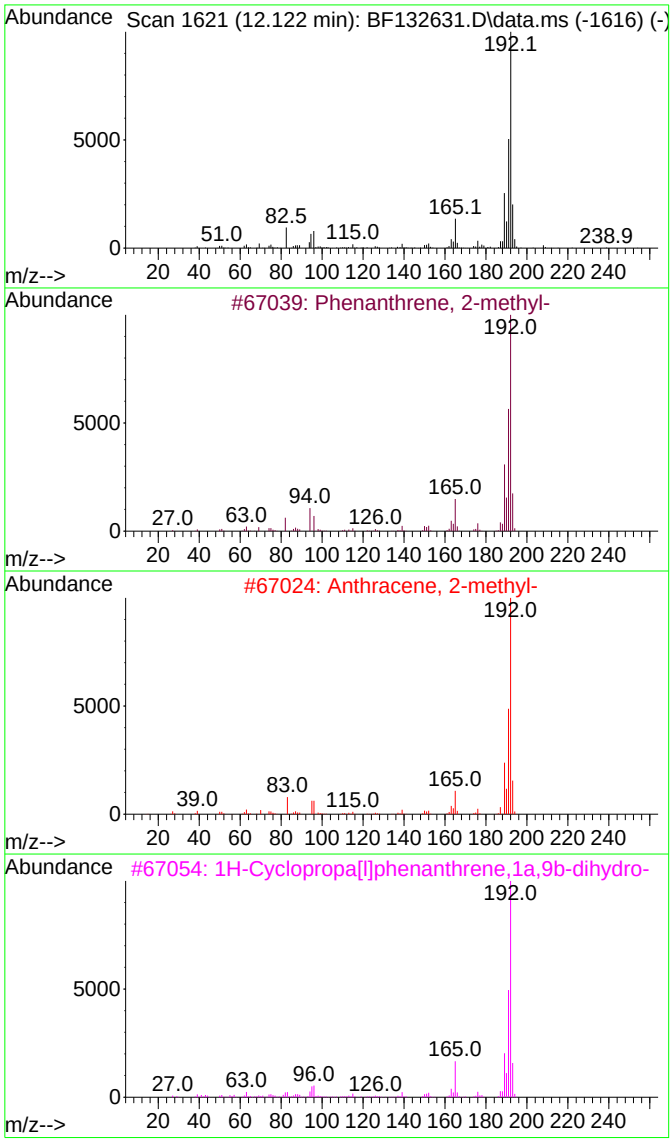
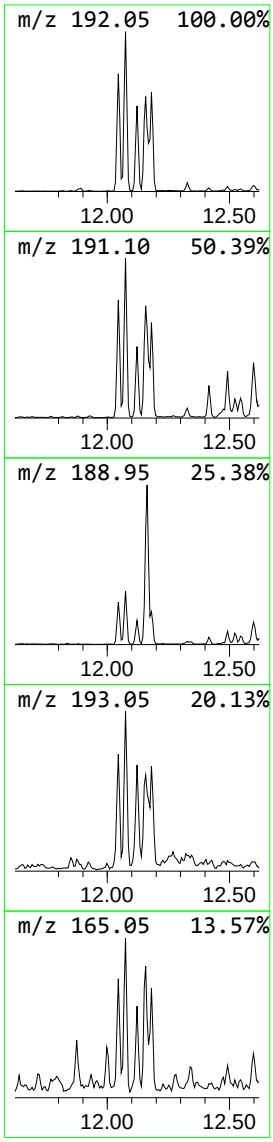
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.122	6.26 ng	319284	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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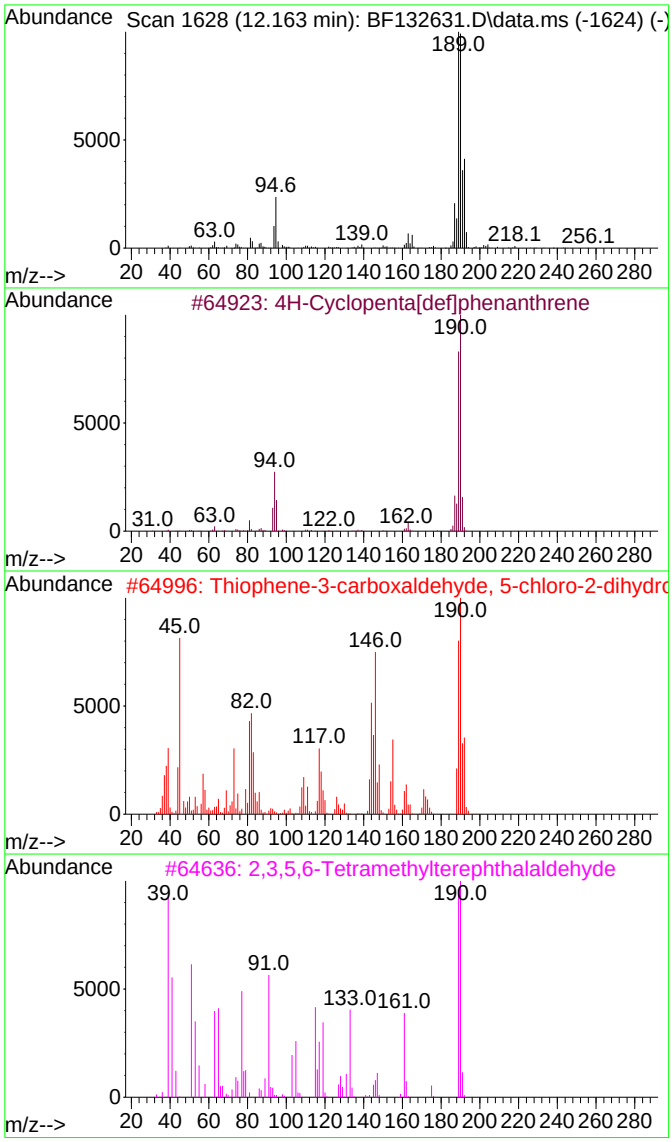
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

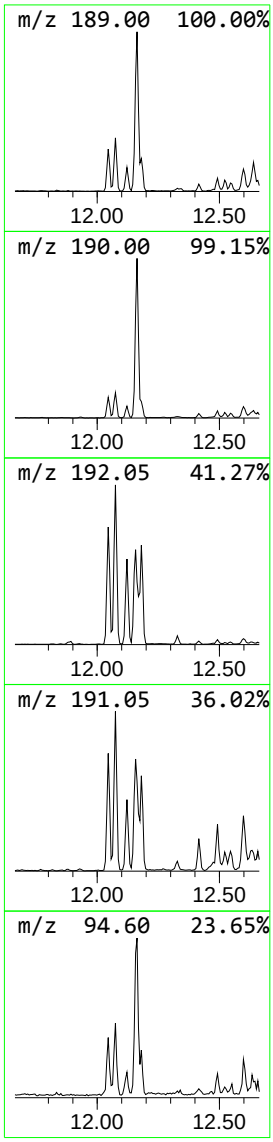
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	20.16 ng	1028810	Phenanthrene-d10	11.539

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	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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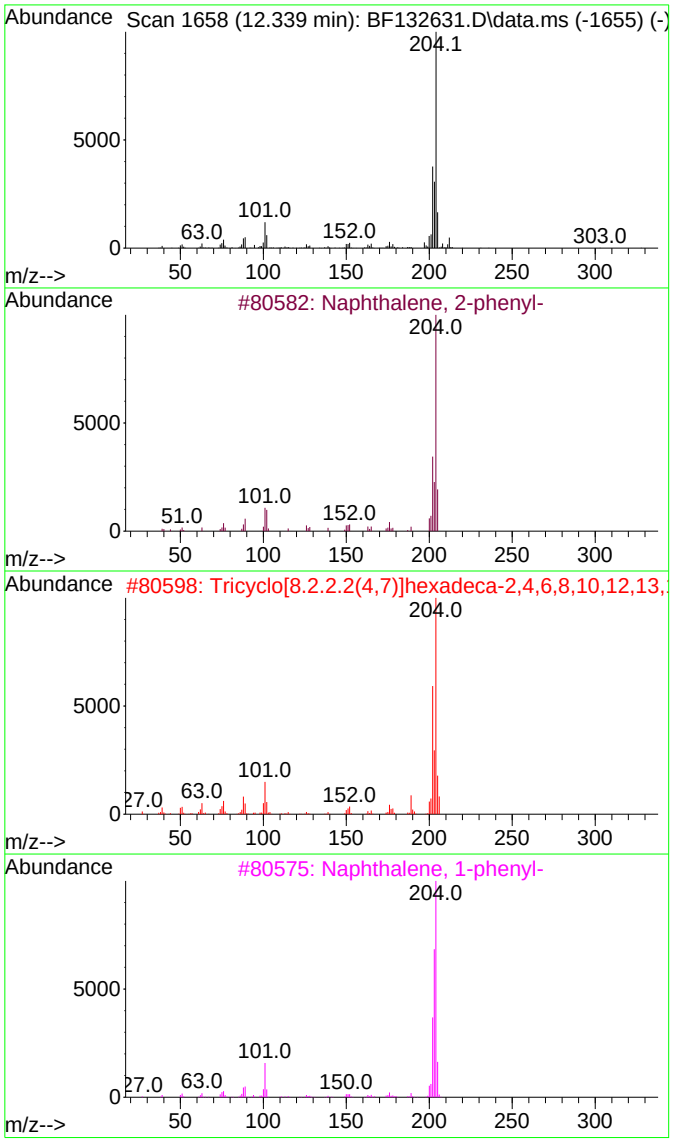
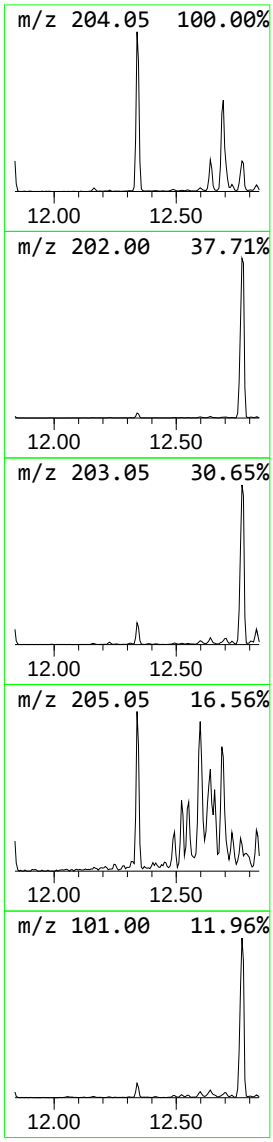
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	8.54 ng	435756	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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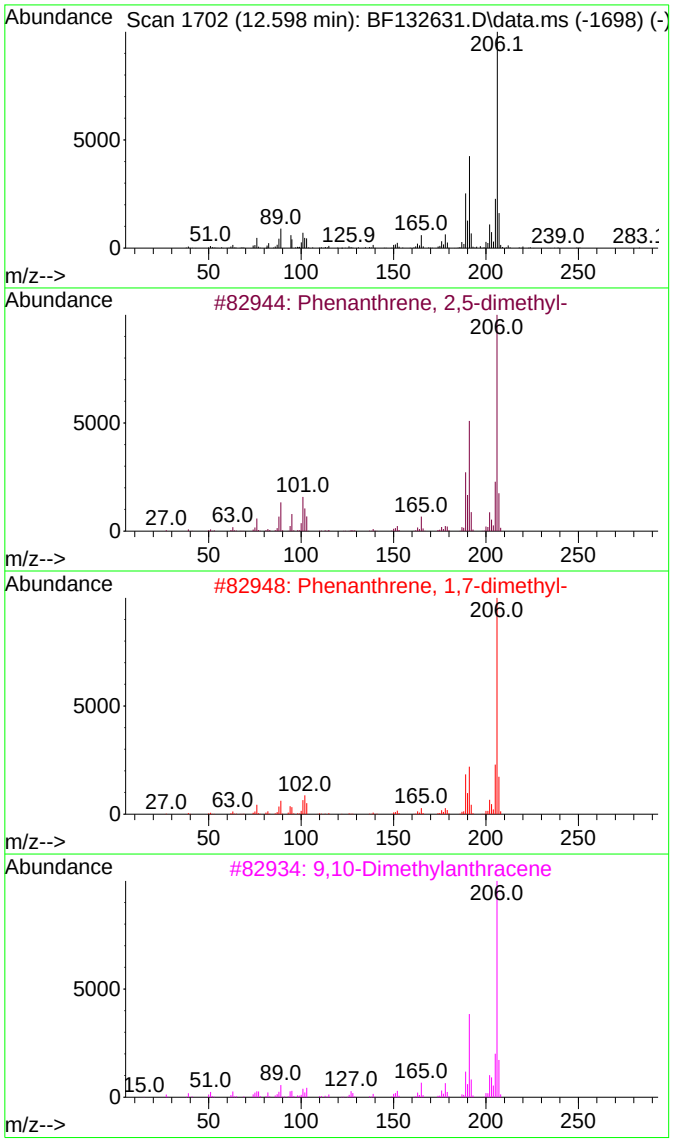
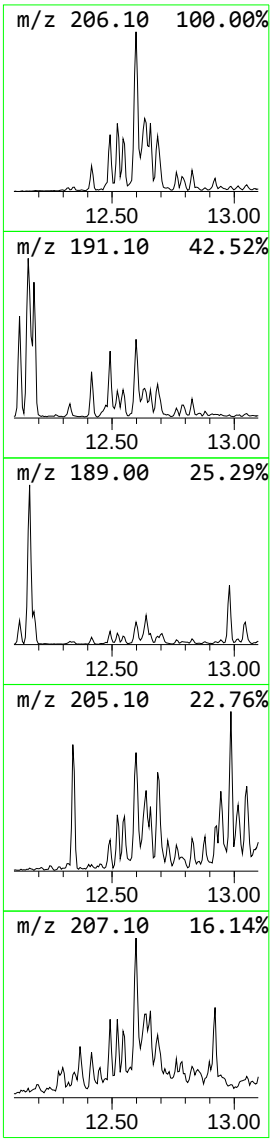
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	8.52 ng	434728	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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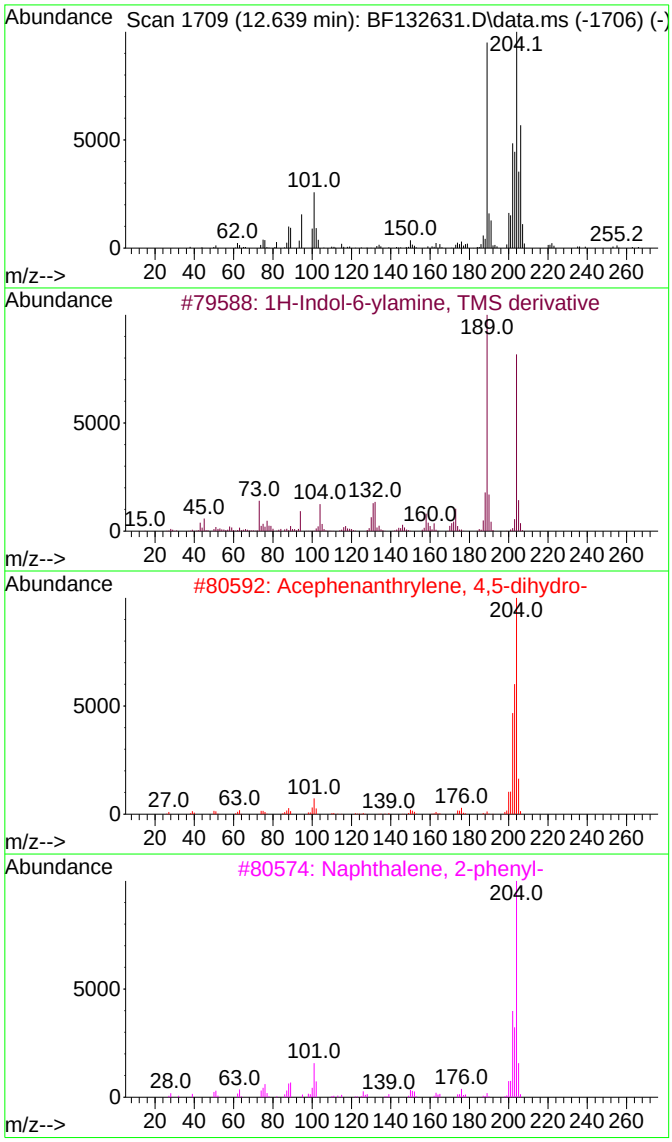
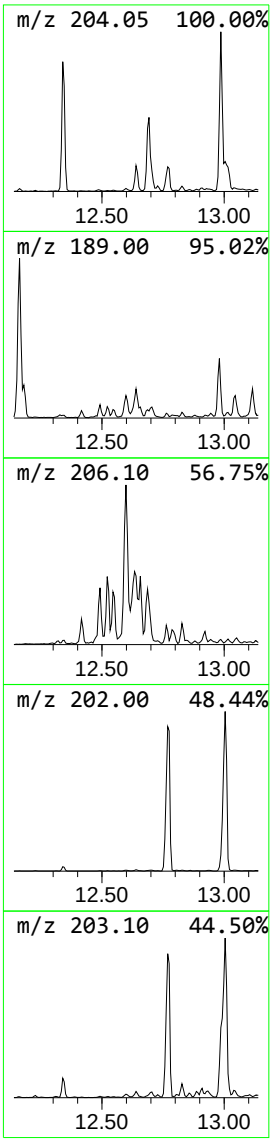
Peak Number 13 unknown12.639 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	4.78 ng	243851	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	43
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	41
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41
4	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	38
5	1-Isopropyl-1H-benzimidazole-5-c...	204	C11H12N2O2	284673-16-1	35





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

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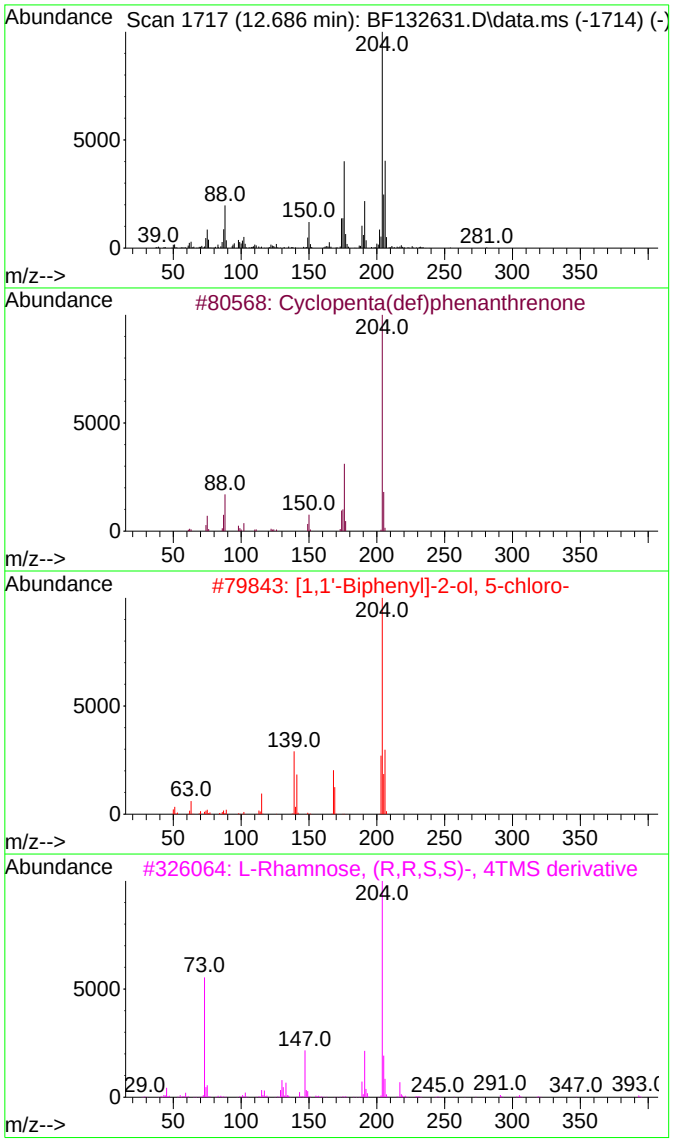
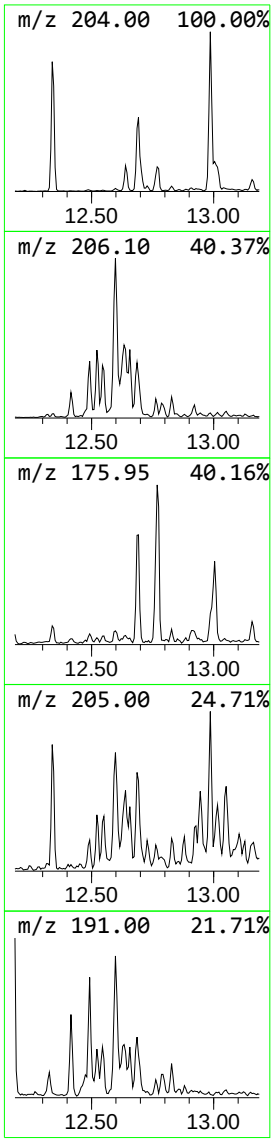
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	8.19 ng	418144	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
3	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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TIC Library : C:\Database\NIST20.L
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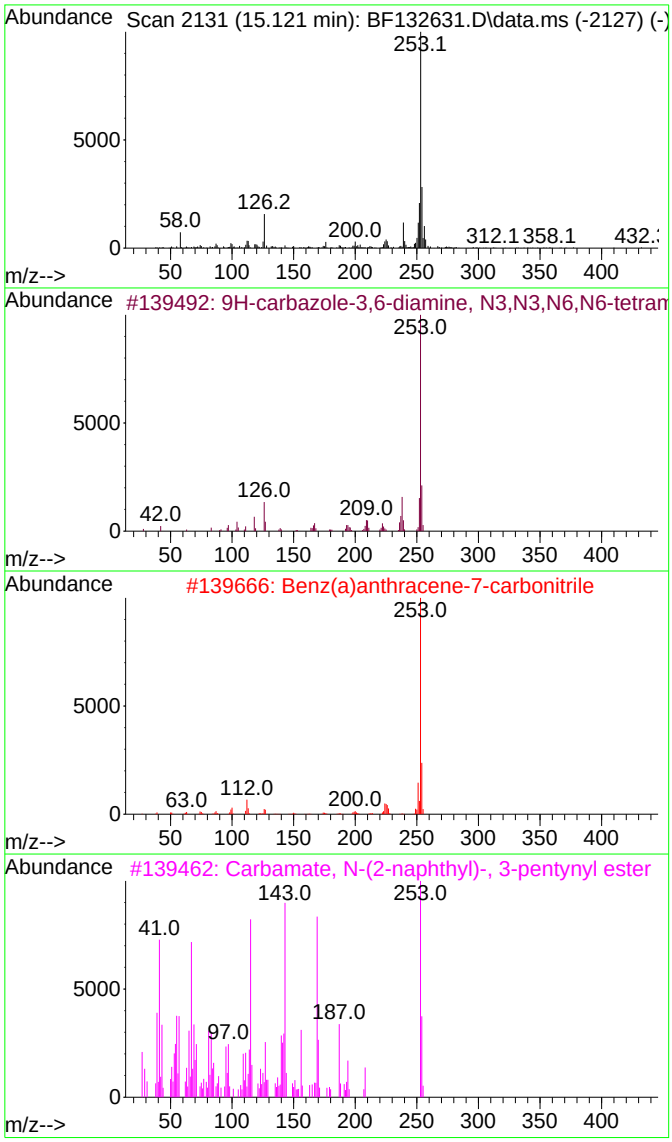
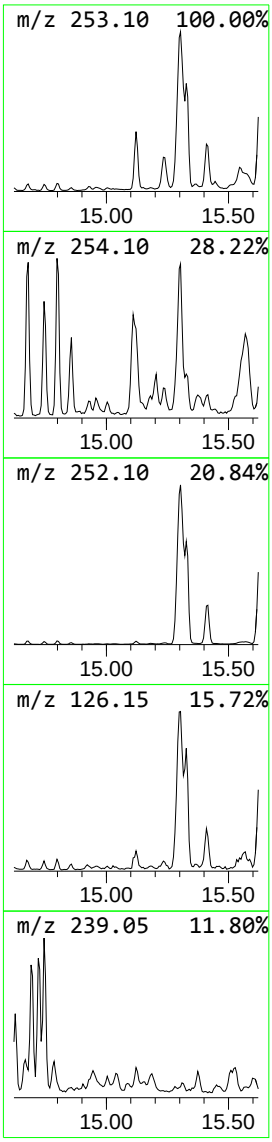
Peak Number 15 9H-carbazole-3,6-diamine, N... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	5.88 ng	400588	Perylene-d12	15.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	59
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	52
3	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	46
4	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	43
5	5-Bromo-1-methylindole-2-carboxy...	253	C10H8BrNO2	090766-47-5	40





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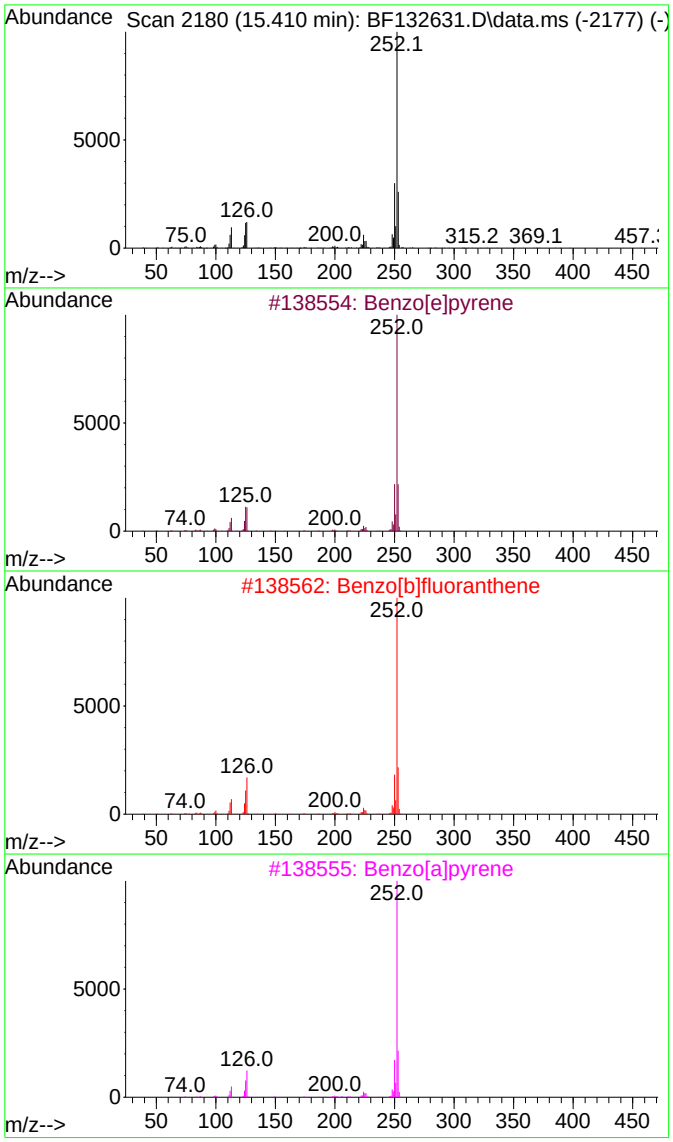
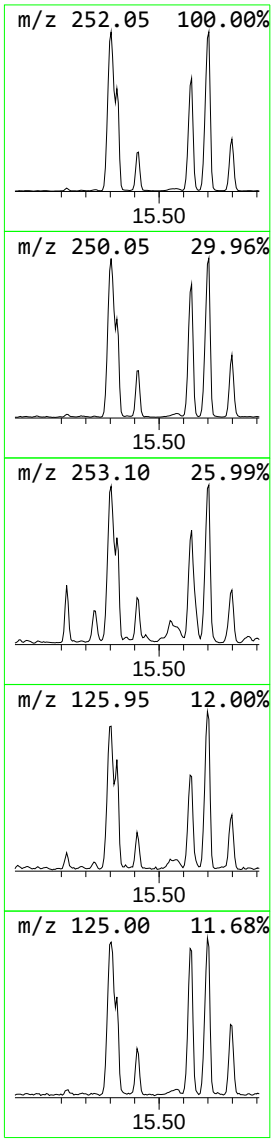
Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	9.23 ng	628113	Perylene-d12	15.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	83





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Data File : BF132631.D
Acq On : 03 Mar 2023 16:28
Operator : CG\JU
Sample : 01767-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-63-030123

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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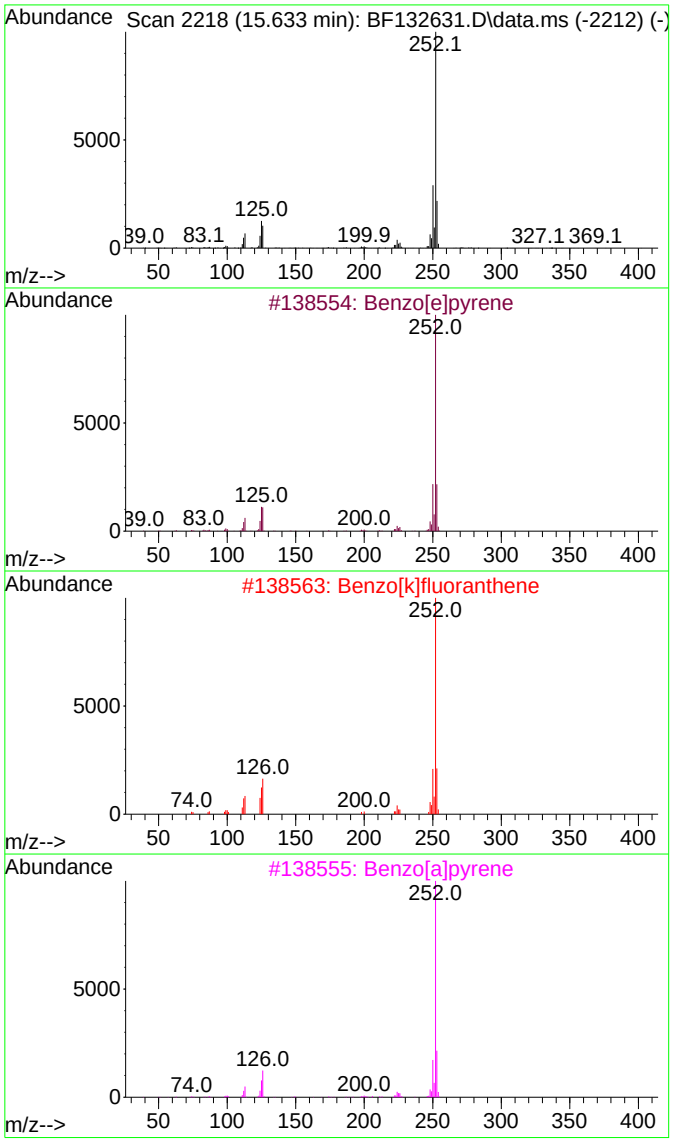
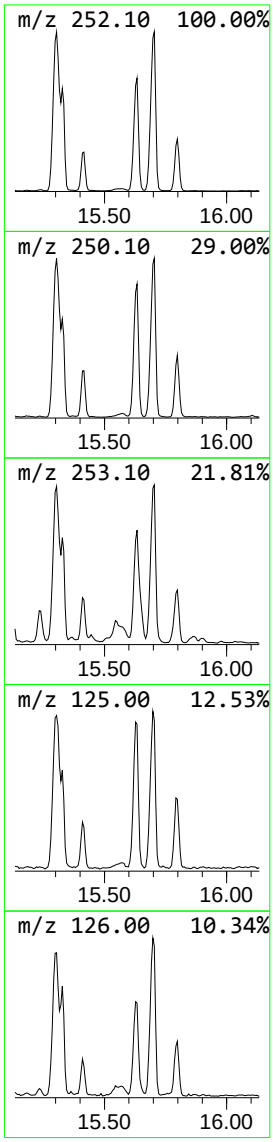
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	35.37 ng	2407420	Perylene-d12	15.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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Operator : CG\JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-63-030123

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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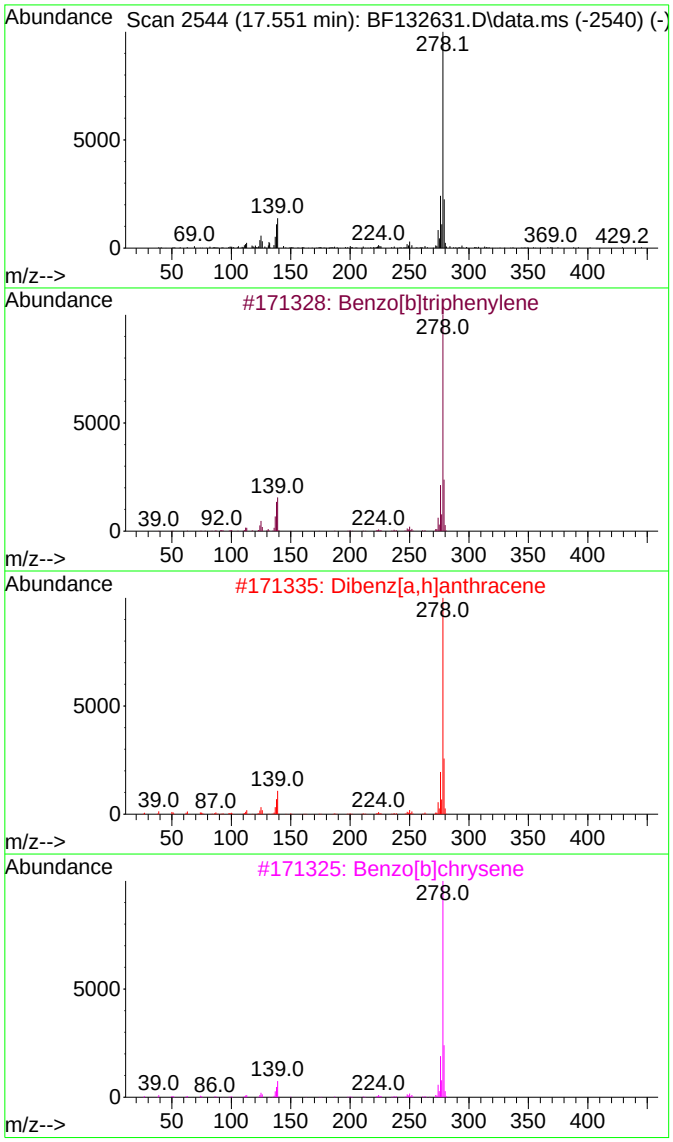
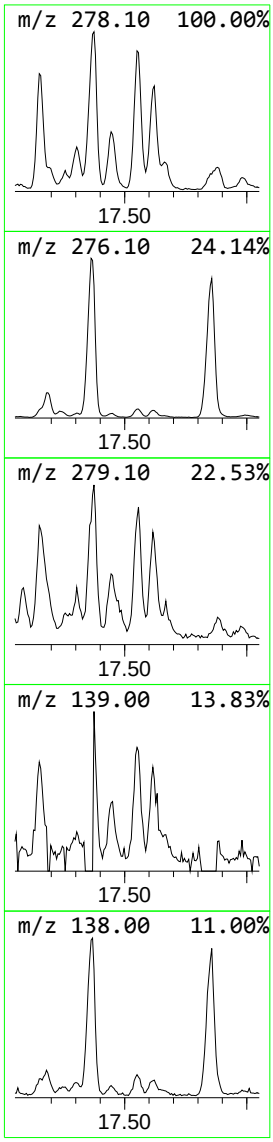
Peak Number 18 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.551	3.84 ng	261489	Perylene-d12	15.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Benzo[b]chrysene	278	C22H14	000214-17-5	97
4	Picene	278	C22H14	000213-46-7	96
5	Pentaphene	278	C22H14	000222-93-5	96





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Data File : BF132631.D
Acq On : 03 Mar 2023 16:28
Operator : CG\JU
Sample : 01767-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-63-030123

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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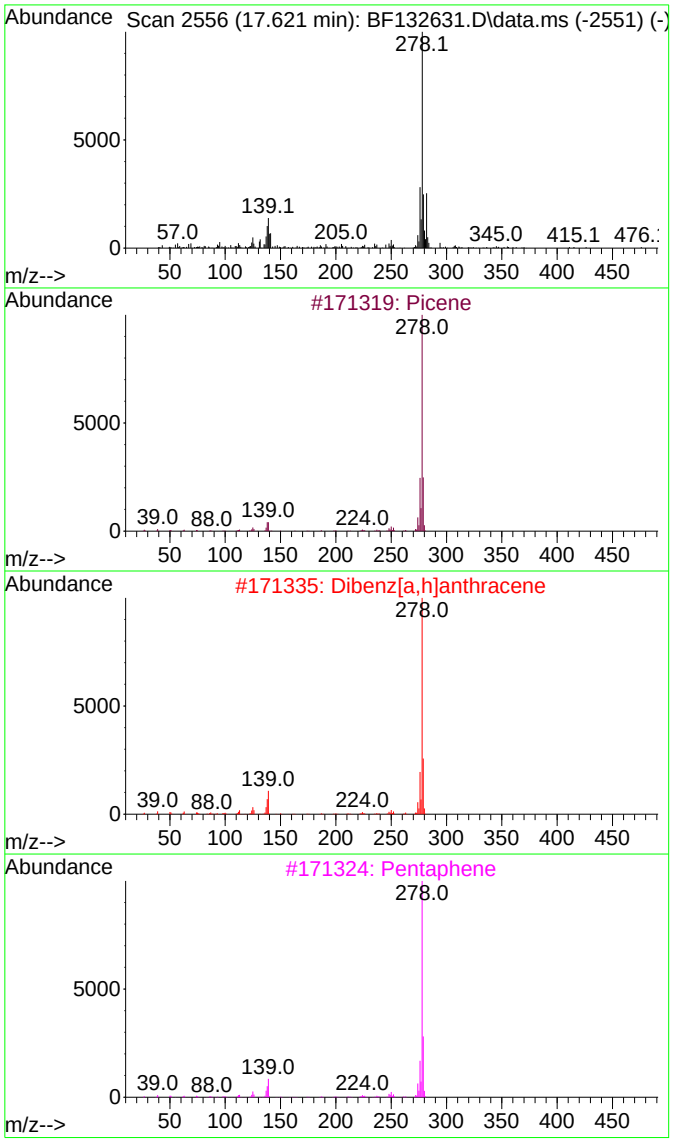
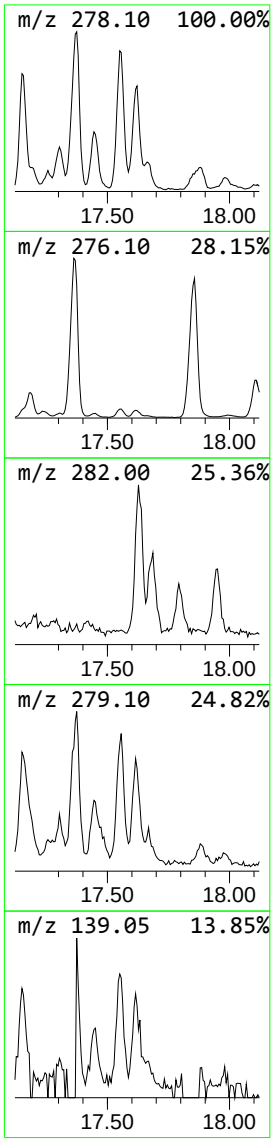
Peak Number 19 Picene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.621	3.27 ng	222390	Perylene-d12	15.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3	Pentaphene	278	C22H14	000222-93-5	96
4	Benzo[b]chrysene	278	C22H14	000214-17-5	93
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	93





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Data File : BF132631.D
Acq On : 03 Mar 2023 16:28
Operator : CG\JU
Sample : 01767-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-63-030123

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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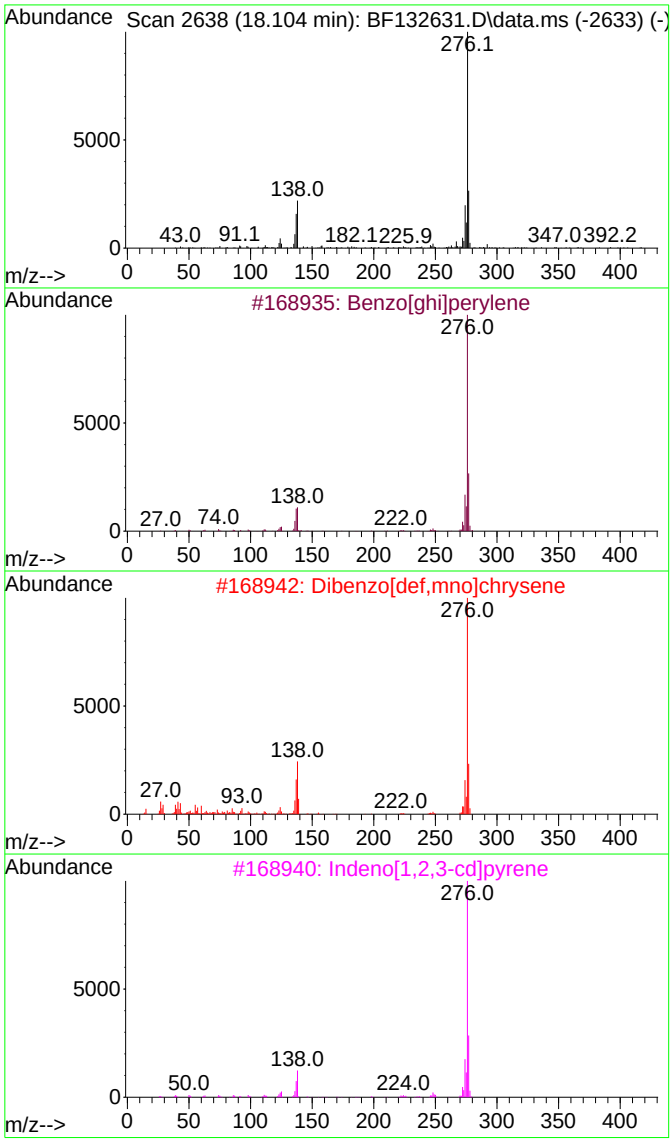
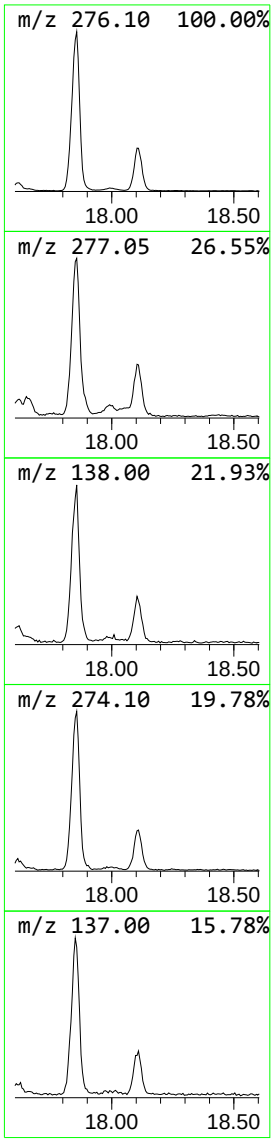
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	5.90 ng	401806	Perylene-d12	15.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132631.D
Acq On : 03 Mar 2023 16:28
Operator : CG\JU
Sample : 01767-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-63-030123

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.228	26.8	ng	1400860	1	6.998	1047390	20.0
Benzophenone	10.757	3.3	ng	189052	3	10.045	1141290	20.0
9H-Fluorene, 2-...	11.145	3.4	ng	174412	4	11.539	1020690	20.0
3'-Methyl-[1,1'...	11.386	3.9	ng	199462	4	11.539	1020690	20.0
Dibenzothiophene	11.439	3.8	ng	195555	4	11.539	1020690	20.0
1,1'-Biphenyl, ...	11.769	3.6	ng	185325	4	11.539	1020690	20.0
5H-Dibenzo[a,d]...	12.045	12.1	ng	615424	4	11.539	1020690	20.0
Phenanthrene, 2...	12.075	11.4	ng	581264	4	11.539	1020690	20.0
Anthracene, 2-m...	12.122	6.3	ng	319284	4	11.539	1020690	20.0
4H-Cyclopenta[d...	12.163	20.2	ng	1028810	4	11.539	1020690	20.0
Naphthalene, 2-...	12.339	8.5	ng	435756	4	11.539	1020690	20.0
Phenanthrene, 2...	12.598	8.5	ng	434728	4	11.539	1020690	20.0
unknown12.639	12.639	4.8	ng	243851	4	11.539	1020690	20.0
Cyclopenta(def)...	12.686	8.2	ng	418144	4	11.539	1020690	20.0
9H-carbazole-3,...	15.121	5.9	ng	400588	6	15.763	1361460	20.0
Benzo[e]pyrene	15.410	9.2	ng	628113	6	15.763	1361460	20.0
Perylene	15.633	35.4	ng	2407420	6	15.763	1361460	20.0
Benzo[b]triphen...	17.551	3.8	ng	261489	6	15.763	1361460	20.0
Picene	17.621	3.3	ng	222390	6	15.763	1361460	20.0
Dibenzo[def,mno...	18.104	5.9	ng	401806	6	15.763	1361460	20.0