LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132629.D
Acq On : 03 Mar 2023 15:23
Operator : CG\JU
Sample : 01767-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CE-45-030123

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: BF132629.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	458	rVB	1281737	1509511	34.81%	2.214%
2	5.628	512	517	520	rBV	3220076	3159240	72.86%	4.633%
3	6.281	624	628	633	rVB	91337	78864	1.82%	0.116%
4	6.622	682	686	689	rBV	3279020	3002329	69.24%	4.403%
5	6.998	747	750	754	rBV	1269953	988997	22.81%	1.450%
6	7.563	842	846	849	rBV	2393691	2013099	46.42%	2.952%
7	8.251	960	963	965	rBV	121770	98008	2.26%	0.144%
8	8.286	965	969	971	rVV	1360246	1196043	27.58%	1.754%
9	8.863	1064	1067	1071	rVB	190616	155319	3.58%	0.228%
10	9.357	1147	1151	1154	rBV	3739165	3034947	69.99%	4.451%
11	9.427	1160	1163	1166	rBV	285946	215083	4.96%	0.315%
12	9.704	1202	1210	1212	rBV4	65490	133276	3.07%	0.195%
13	9.957	1251	1253	1258	rVB	257623	210261	4.85%	0.308%
14	10.045	1265	1268	1271	rVB	1401633	1062335	24.50%	1.558%
15	10.075	1271	1273	1276	rVB	165808	143291	3.30%	0.210%
16	10.245	1299	1302	1305	rVB2	104208	107712	2.48%	0.158%
17	10.280	1305	1308	1310	rBV	91289	88017	2.03%	0.129%
18	10.463	1333	1339	1342	rBV2	268366	269886	6.22%	0.396%
19	10.592	1355	1361	1365	rBV2	142094	181246	4.18%	0.266%
20	10.680	1371	1376	1379	rBV2	115080	134759	3.11%	0.198%
21	10.757	1382	1389	1394	rVB2	163531	219440	5.06%	0.322%
22	10.839	1399	1403	1406	rBV	1817760	1642583	37.88%	2.409%
23	10.933	1417	1419	1429	rVB2	226213	350453	8.08%	0.514%
24	11.269	1472	1476	1478	rBV3	86264	116317	2.68%	0.171%
25	11.292	1478	1480	1485	rVV2	75434	92859	2.14%	0.136%
26	11.345	1485	1489	1492	rVV2	90863	93575	2.16%	0.137%
27	11.386	1493	1496	1499	rVV	283043	253772	5.85%	0.372%
28	11.439	1503	1505	1508	rVB	120512	101884	2.35%	0.149%
29	11.539	1519	1522	1524	rBV	1042230	948212	21.87%	1.391%
30	11.569	1524	1527	1530	rVB	1975355	1670999	38.54%	2.451%
31	11.616	1532	1535	1538	rBV	608697	494655	11.41%	0.725%
32	11.769	1558	1561	1563	rBV2	75925	79109	1.82%	0.116%
33	11.816	1566	1569	1571	rVV2	179760	154045	3.55%	0.226%
34	11.874	1576	1579	1583	rVB3	69533	79919	1.84%	0.117%
35	12.045	1605	1608	1611	rBV2	366786	477433	11.01%	0.700%
36	12.074	1611	1613	1617	rVV	493640	397651	9.17%	0.583%

LSC Area Percent Report

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Operator : CG\JU
Sample : 01767-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

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

37	12.121	1618	1621	1624	rVV	228055	203433	4.69%	0.298%
38	12.157	1624	1627	1630	rVV2	504287	623096	14.37%	0.914%
39	12.180	1630	1631	1636	rVB	264010	153695	3.54%	0.225%
40	12.227	1636	1639	1641	rBV	168809	134166	3.09%	0.197%
41	12.339	1655	1658	1661	rBV	295695	252502	5.82%	0.370%
42	12.368	1661	1663	1667	rVV2	156755	129465	2.99%	0.190%
43	12.545	1691	1693	1696	rVB	95627	78181	1.80%	0.115%
44	12.598	1698	1702	1704	rBV	248131	274544	6.33%	0.403%
45	12.686	1714	1717	1722	rBV	289280	292447	6.74%	0.429%
46	12.768	1726	1731	1734	rBV	3976026	3792098	87.45%	5.562%
47	12.827	1739	1741	1743	rVV	107428	84946	1.96%	0.125%
48	12.921	1754	1757	1759	rVV	165723	158618	3.66%	0.233%
49	13.004	1763	1771	1774	rBV2	3530690	4336281	100.00%	6.360%
50	13.045	1775	1778	1782	rVB2	217597	239968	5.53%	0.352%
51	13.133	1786	1793	1796	rBV	2643168	2477469	57.13%	3.633%
52	13.157	1796	1797	1800	rVB	151687	92921	2.14%	0.136%
53	13.210	1802	1806	1814	rBV5	292380	577174	13.31%	0.846%
54	13.298	1818	1821	1823	rBV3	232502	301378	6.95%	0.442%
55	13.321	1823	1825	1828	rVB	470241	468682	10.81%	0.687%
56	13.392	1834	1837	1839	rBV	300551	243378	5.61%	0.357%
57	13.427	1839	1843	1846	rBV2	406836	489680	11.29%	0.718%
58	13.457	1846	1848	1850	rVB	111541	81797	1.89%	0.120%
59	13.504	1853	1856	1858	rVV	355356	348951	8.05%	0.512%
60	13.521	1858	1859	1862	rVB	253169	191572	4.42%	0.281%
61	13.557	1862	1865	1868	rBV2	248833	241931	5.58%	0.355%
62	13.633	1875	1878	1882	rVB5	102819	134838	3.11%	0.198%
63	13.698	1886	1889	1891	rBV3	85719	84339	1.94%	0.124%
64	13.810	1905	1908	1910	rBV2	80162	94773	2.19%	0.139%
65	13.839	1910	1913	1917	rVB	357920	370308	8.54%	0.543%
66	13.951	1927	1932	1934	rBV2	406756	487392	11.24%	0.715%
67	13.980	1934	1937	1939	rVV	409348	375989	8.67%	0.551%
68	14.004	1939	1941	1945	rVV2	402148	584336	13.48%	0.857%
69	14.045	1946	1948	1956	rVB	464024	493595	11.38%	0.724%
70	14.121	1956	1961	1965	rBV	107670	177211	4.09%	0.260%
71	14.198	1967	1974	1978	rBV2	2804461	4062008	93.67%	5.957%
72	14.233	1978	1980	1987	rVB	2276498	1891446	43.62%	2.774%
73	14.310	1991	1993	1996	rBV	385804	345921	7.98%	0.507%
74	14.421	2010	2012	2017	rBV2	192290	285884	6.59%	0.419%
75	14.462	2017	2019	2021	rVB	118135	89324	2.06%	0.131%
76	14.521	2026	2029	2031	rBV2	68502	87298	2.01%	0.128%

LSC Area Percent Report

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Sample : 01767-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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CE-45-030123

Integration Parameters: rteint.p
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.557	2032	2035	2037	rVV	150749	172388	3.98%	0.253%
78	14.592	2037	2041	2044	rVV	545386	600605	13.85%	0.881%
79	14.627	2044	2047	2050	rVV	273213	285531	6.58%	0.419%
80	14.692	2050	2058	2061	rVV4	215302	473761	10.93%	0.695%
81	14.721	2061	2063	2065	rVV	271522	259460	5.98%	0.381%
82	14.745	2065	2067	2071	rVV2	267963	270907	6.25%	0.397%
83	14.798	2072	2076	2083	rVB3	185906	280898	6.48%	0.412%
84	14.921	2094	2097	2100	rBV2	148387	173767	4.01%	0.255%
85	15.009	2109	2112	2115	rBV2	85261	93029	2.15%	0.136%
86	15.121	2126	2131	2139	rVB3	318510	530862	12.24%	0.779%
87	15.192	2140	2143	2147	rBV3	78356	112144	2.59%	0.164%
88	15.298	2155	2161	2164	rBV	1916624	3274614	75.52%	4.803%
89	15.409	2177	2180	2184	rVB	450478	476681	10.99%	0.699%
90	15.509	2193	2197	2198	rBV2	120668	152128	3.51%	0.223%
91	15.627	2212	2217	2223	rVB	1291300	1820703	41.99%	2.670%
92	15.698	2223	2229	2234	rBV	1938861	2458151	56.69%	3.605%
93	15.762	2235	2240	2243	rVV	907505	1270134	29.29%	1.863%
94	15.798	2243	2246	2252	rVB	606481	842096	19.42%	1.235%
95	16.368	2340	2343	2348	rVB2	102308	149458	3.45%	0.219%
96	17.362	2505	2512	2520	rVB2	774809	1647652	38.00%	2.416%
97	17.556	2539	2545	2550	rBV	140823	275032	6.34%	0.403%
98	17.621	2551	2556	2561	rVV3	120781	236222	5.45%	0.346%
99	17.850	2588	2595	2610	rVB	550931	1261803	29.10%	1.851%
100	18.109	2633	2639	2646	rBV	130717	278447	6.42%	0.408%

Sum of corrected areas: 68184637

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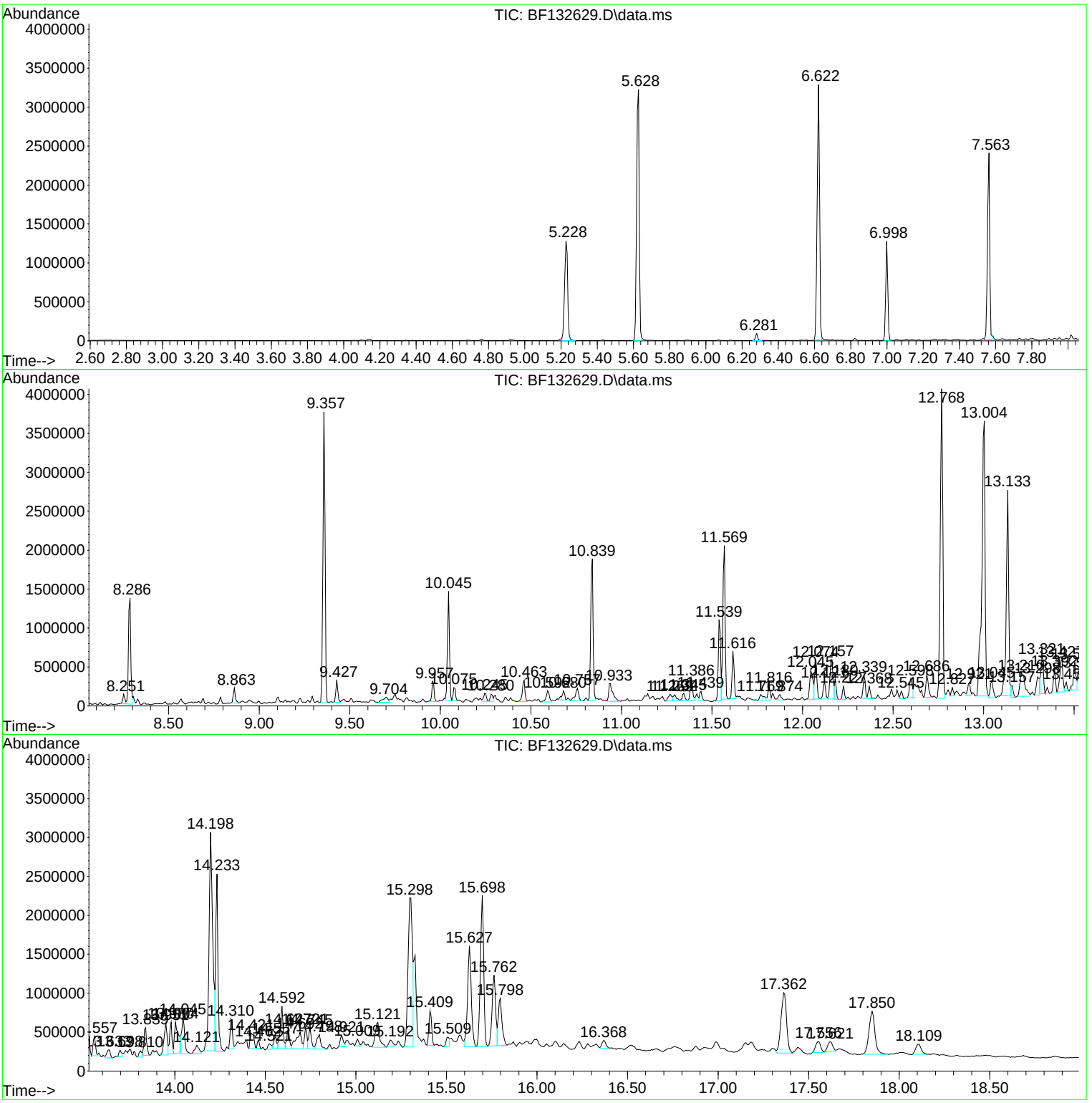
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

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\
Data File : BF132629.D
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ClientSampleId :
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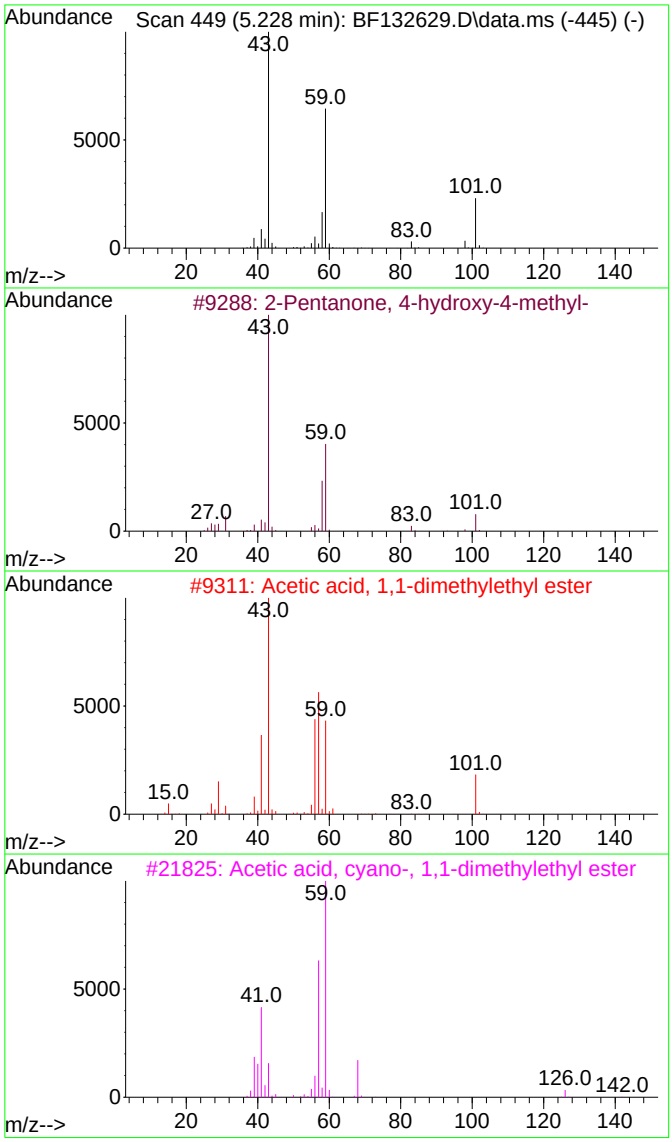
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

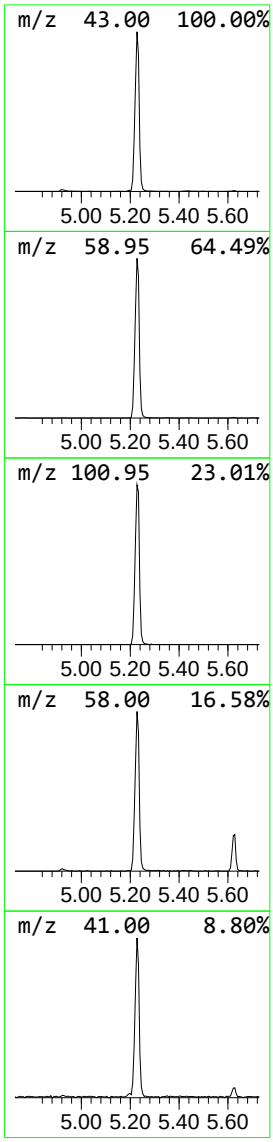
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.228	30.53 ng	1509510	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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132629.D
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CE-45-030123

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

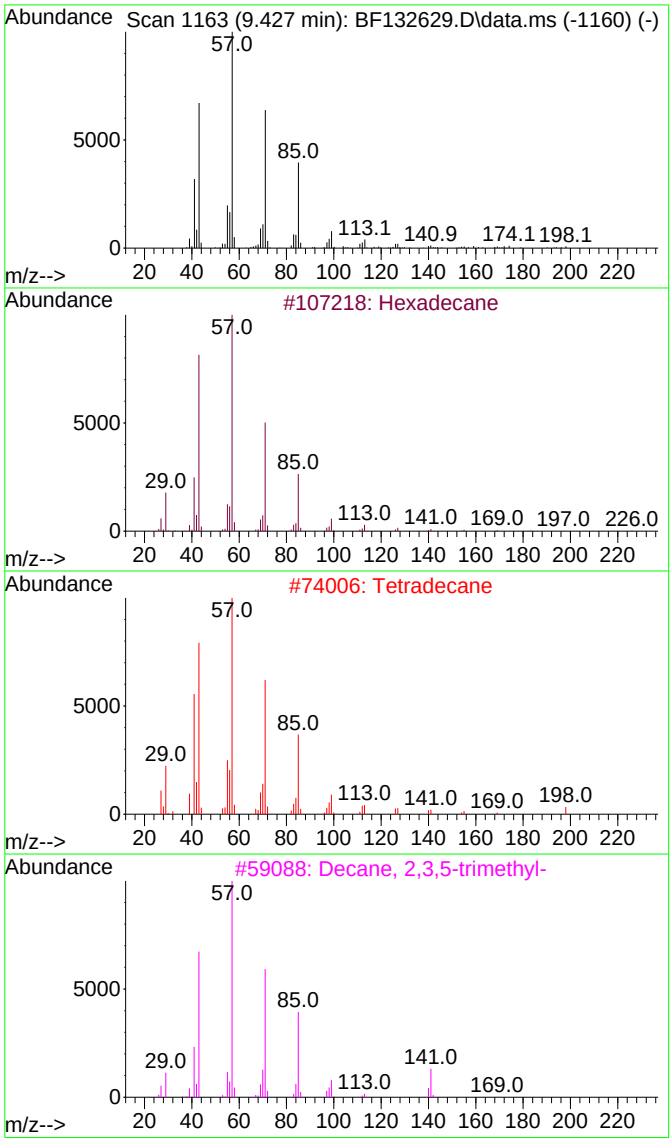
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

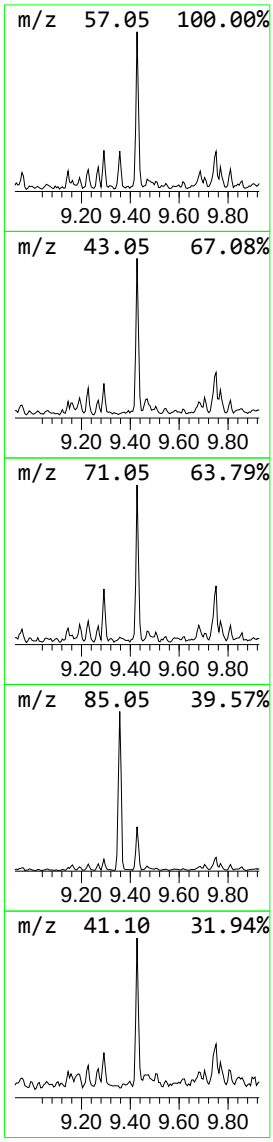
****

Peak Number 2 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.427	4.05 ng	215083	Acenaphthene-d10	10.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53





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

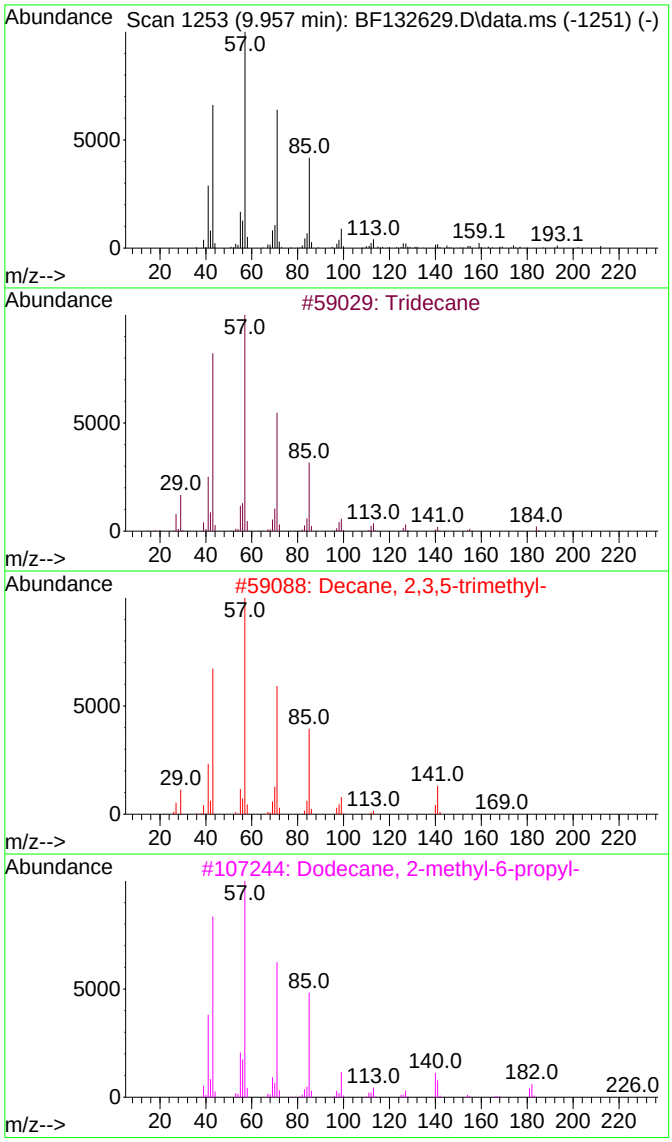
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

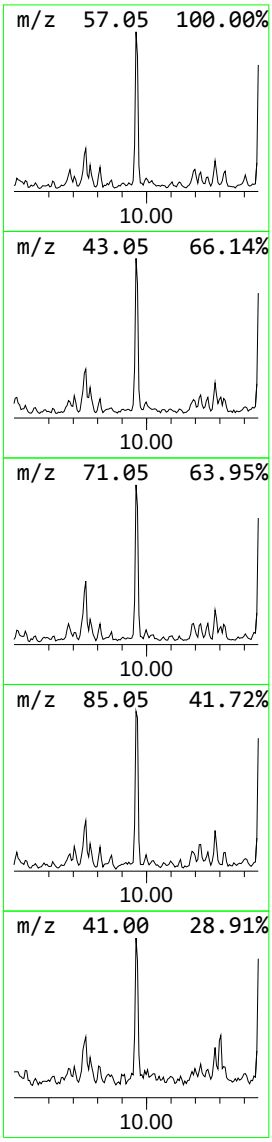
****

Peak Number 3 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	3.96 ng	210261	Acenaphthene-d10	10.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	9-methylheptadecane	254	C18H38	026741-18-4	78





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Instrument :
BNA_F
ClientSampleId :
CE-45-030123

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

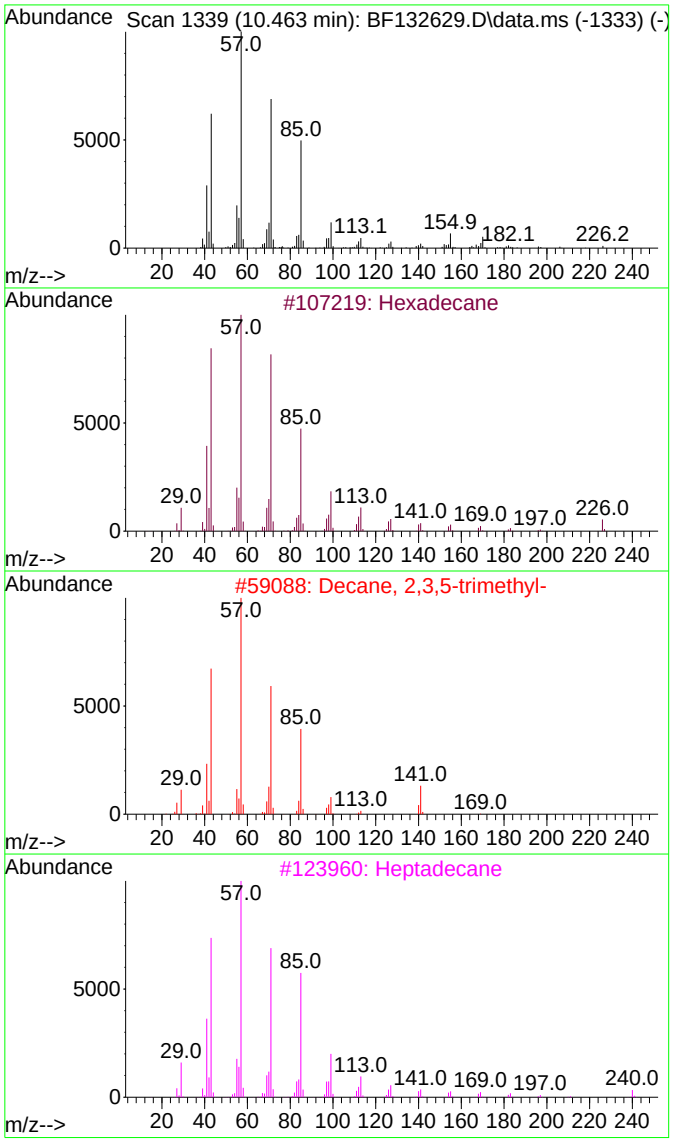
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

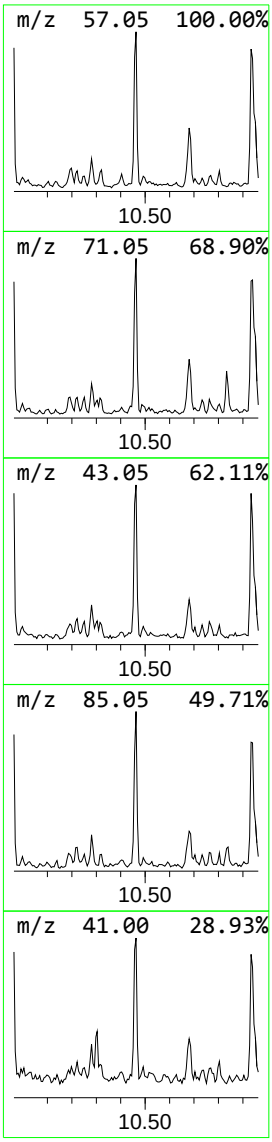
****

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	5.08 ng	269886	Acenaphthene-d10	10.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5	Nonadecane	268	C19H40	000629-92-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132629.D
Acq On : 03 Mar 2023 15:23
Operator : CG\JU
Sample : 01767-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

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

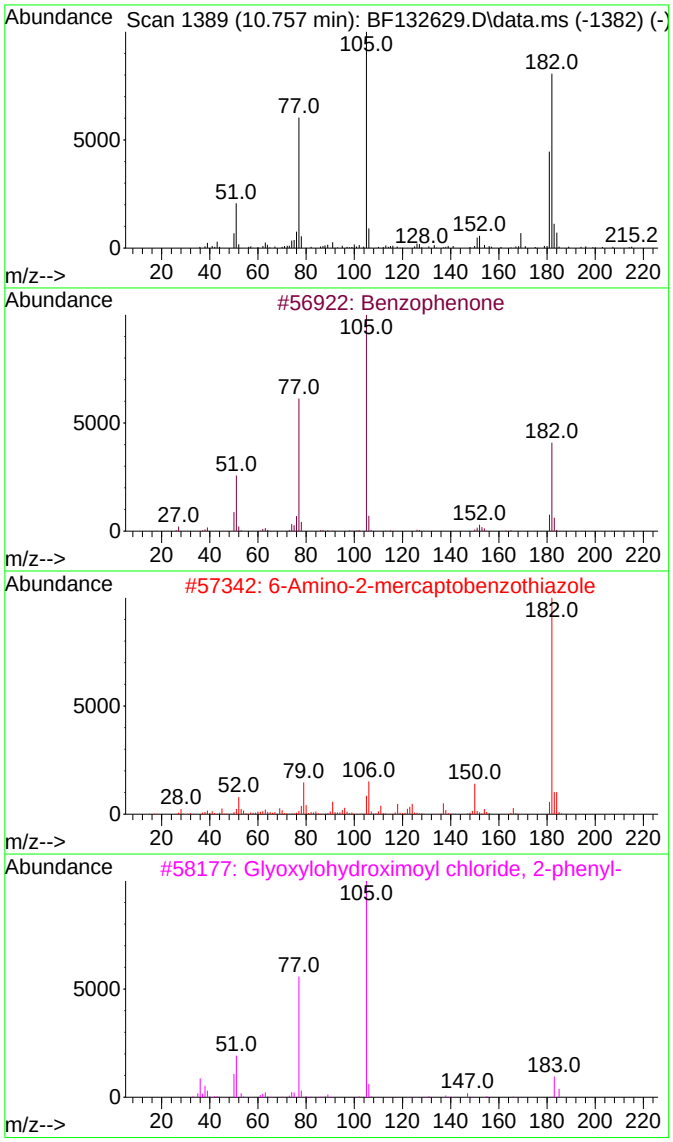
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

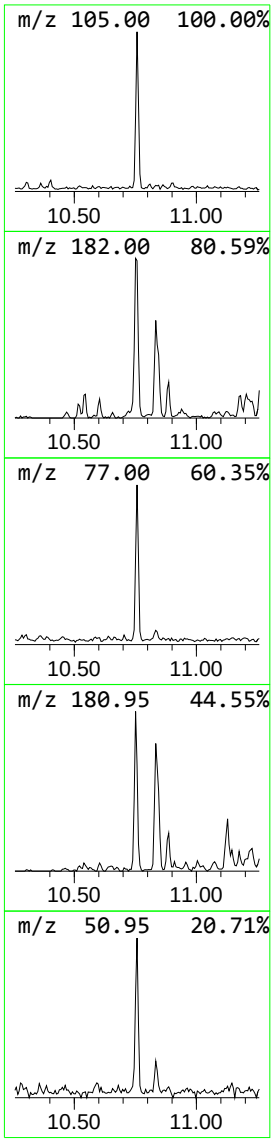
****

Peak Number 5 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	4.13 ng	219440	Acenaphthene-d10	10.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	6-Amino-2-mercaptobenzothiazole	182	C7H6N2S2	007442-07-1	35
3	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	30
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	30
5	Benzoylformic acid	150	C8H6O3	000611-73-4	25





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Acq On : 03 Mar 2023 15:23
Operator : CG\JU
Sample : 01767-03
Misc :
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ClientSampleId :
CE-45-030123

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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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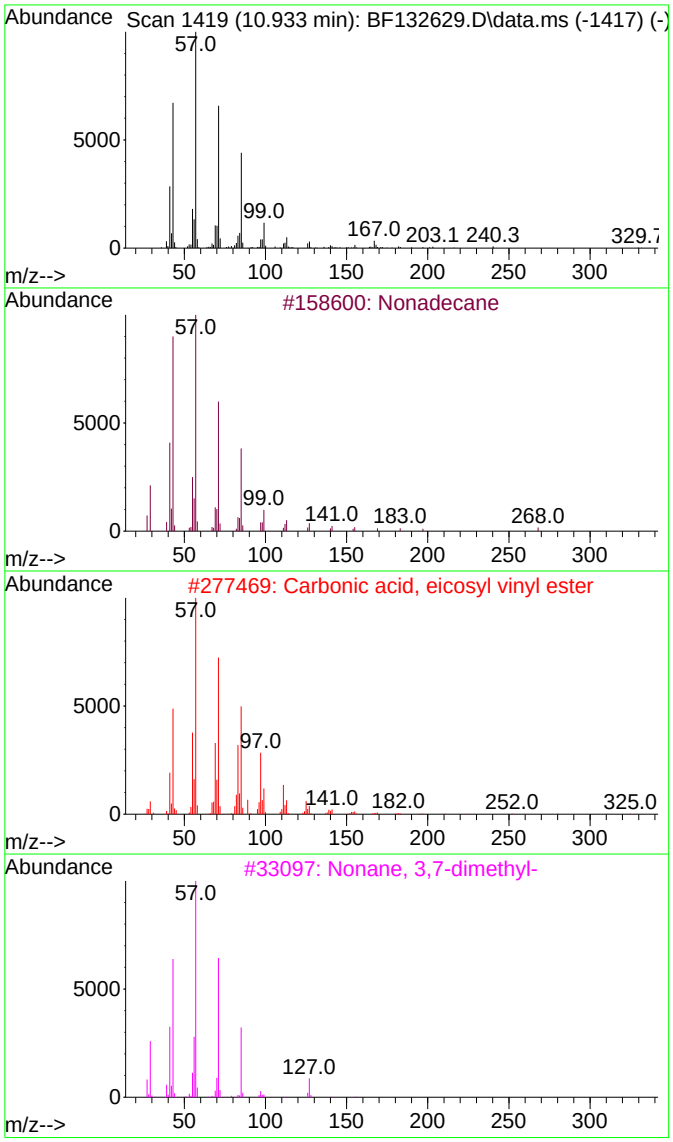
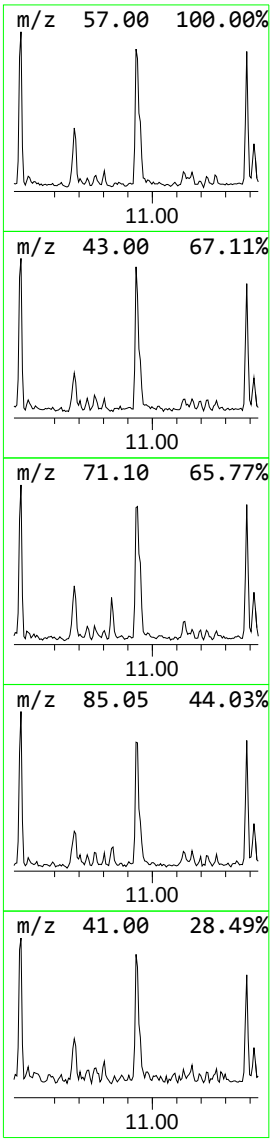
Peak Number 6 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.933	7.39 ng	350453	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	81
5	Hexadecane	226	C16H34	000544-76-3	80





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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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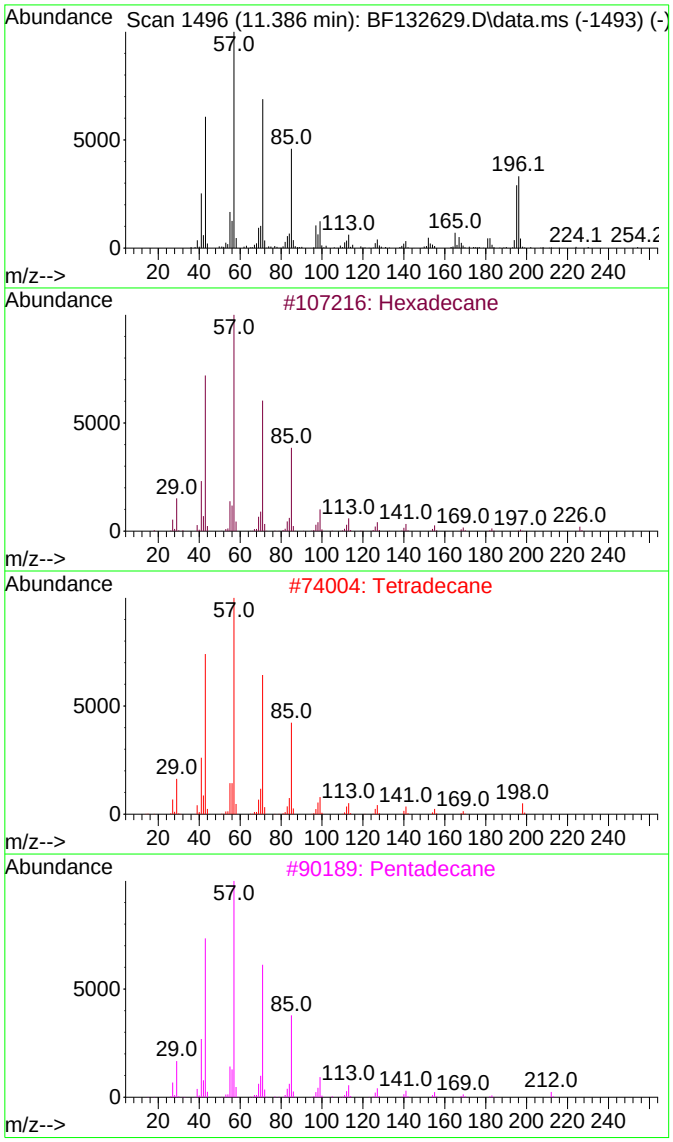
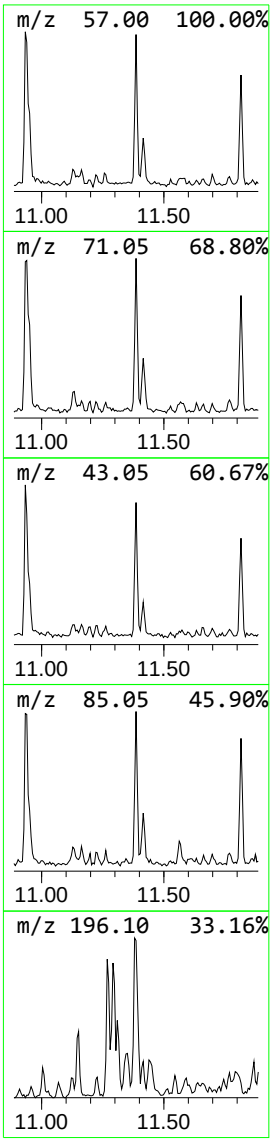
Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	5.35 ng	253772	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	53
2	Tetradecane	198	C14H30	000629-59-4	53
3	Pentadecane	212	C15H32	000629-62-9	53
4	Eicosane	282	C20H42	000112-95-8	52
5	Heptacosane	380	C27H56	000593-49-7	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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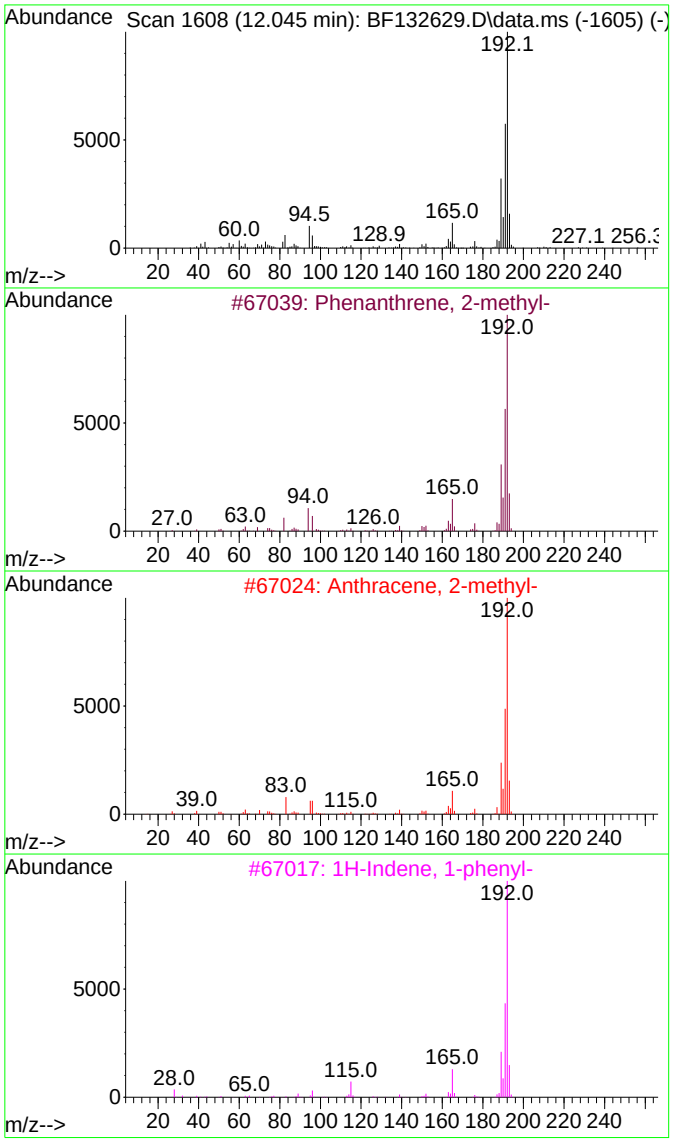
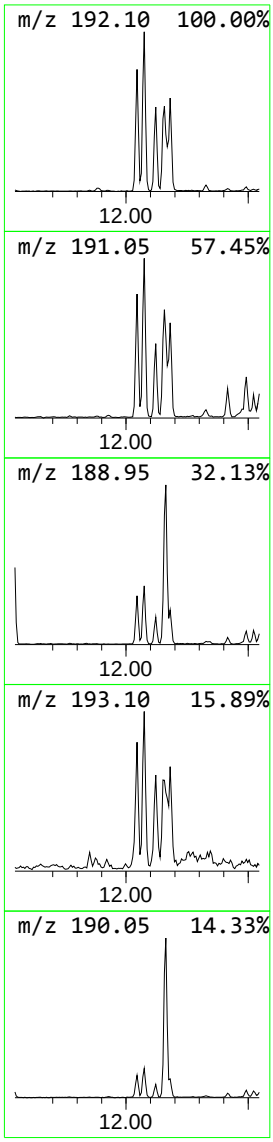
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	10.07 ng	477433	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	96
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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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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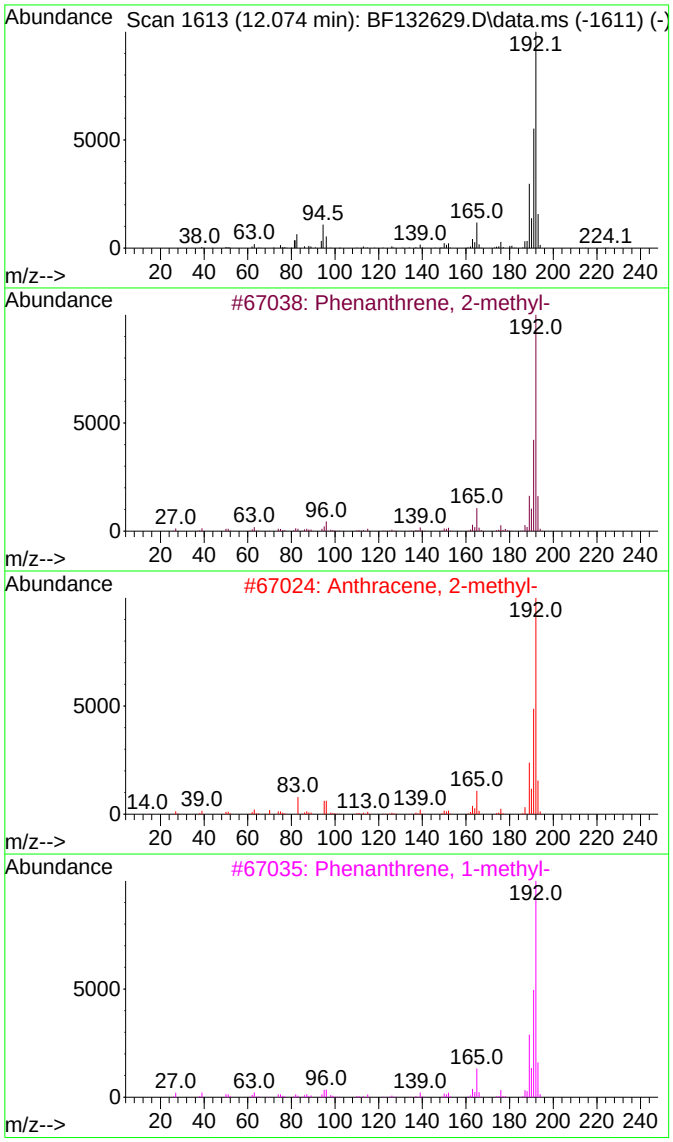
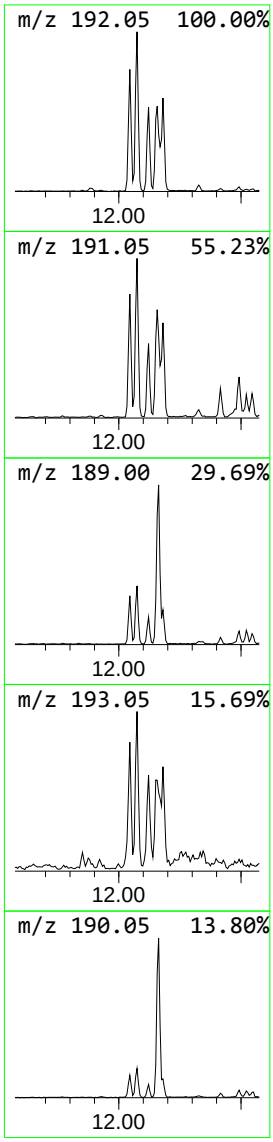
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	8.39 ng	397651	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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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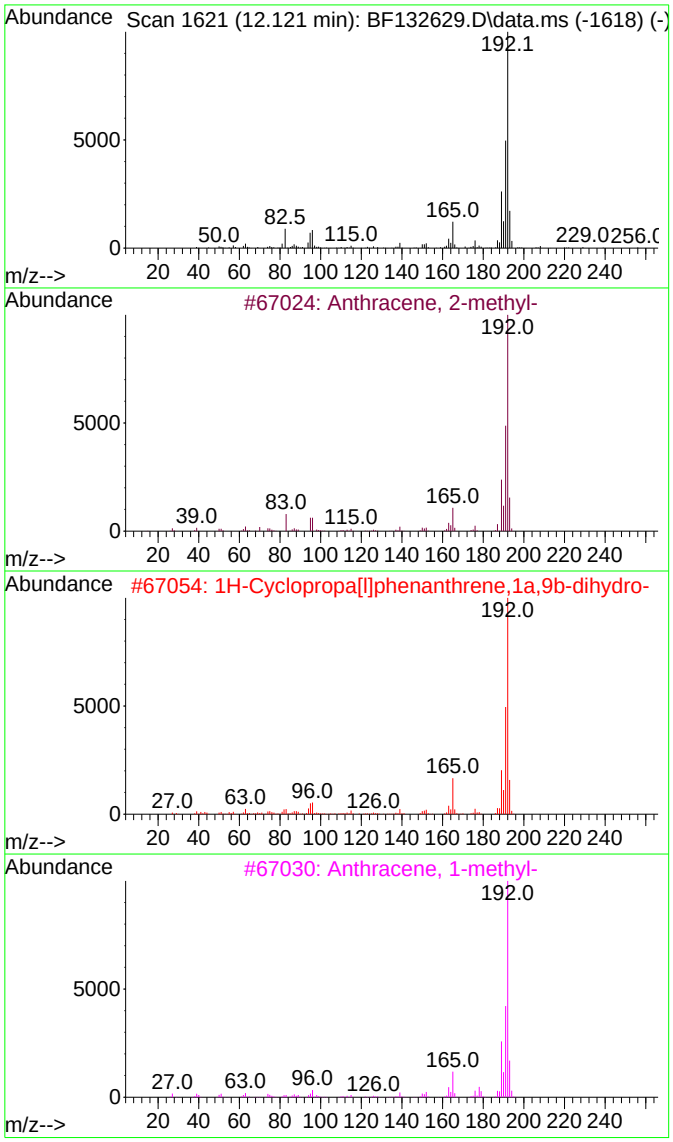
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

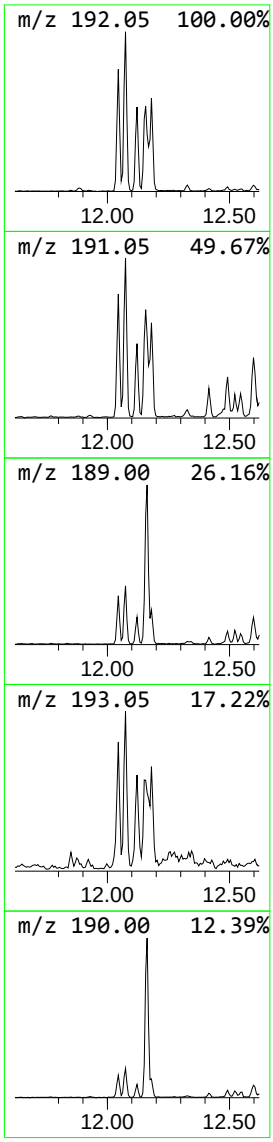
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	4.29 ng	203433	Phenanthrene-d10	11.539

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





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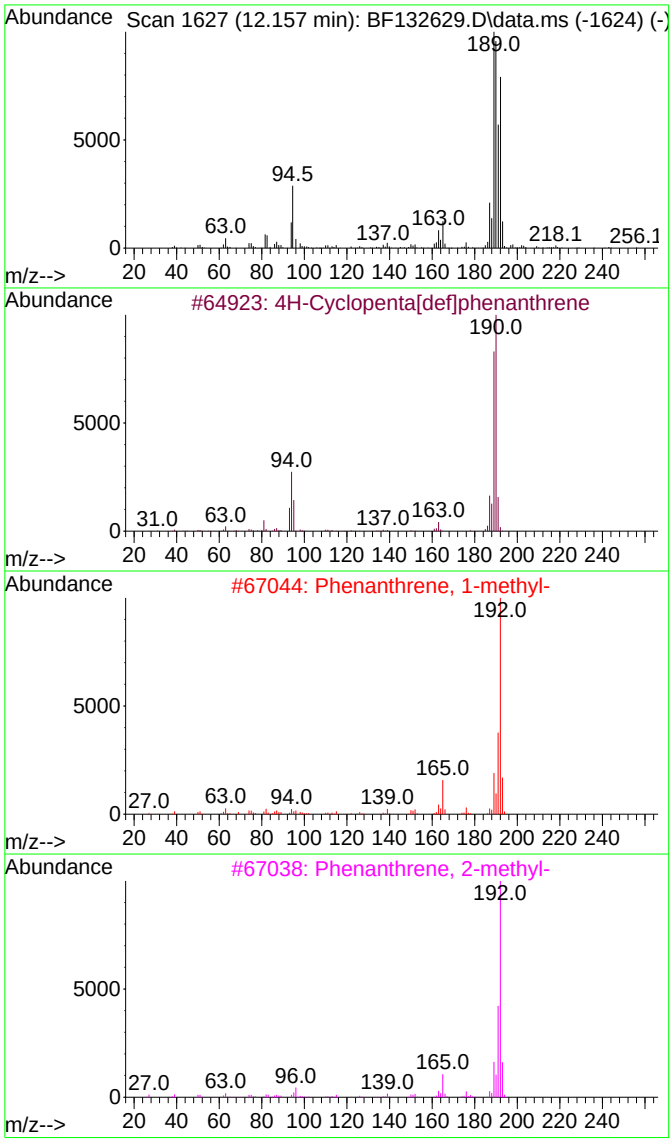
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

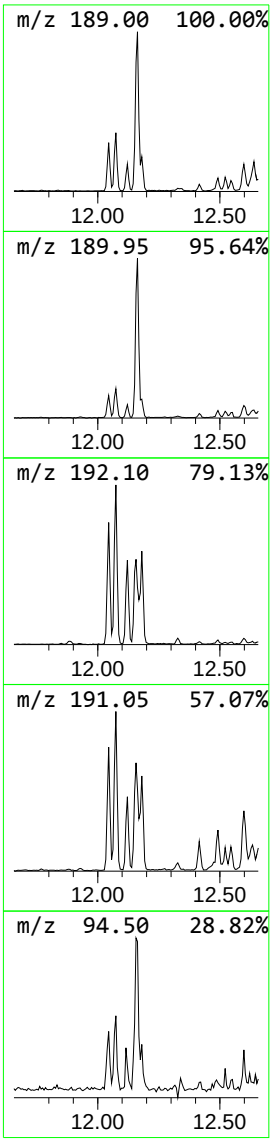
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	13.14 ng	623096	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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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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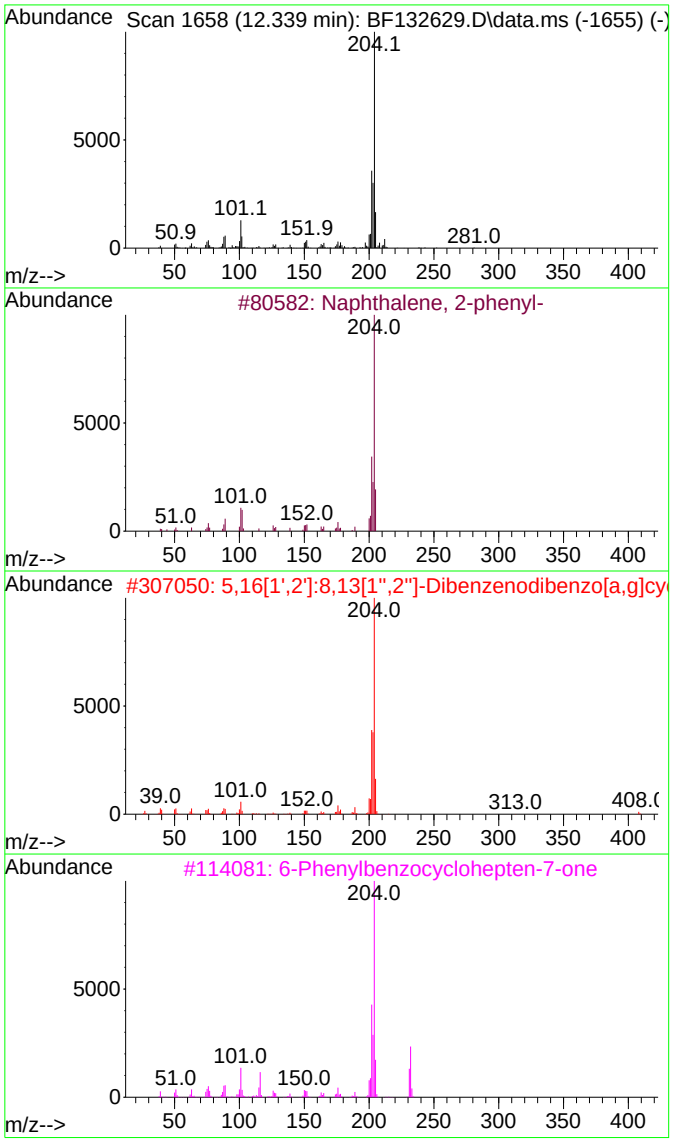
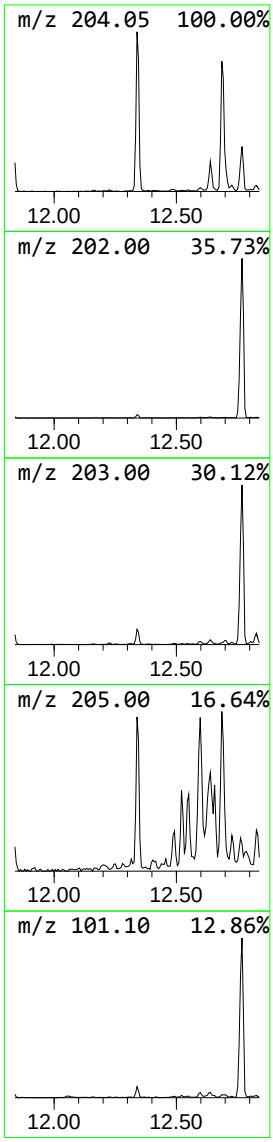
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	5.33 ng	252502	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





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

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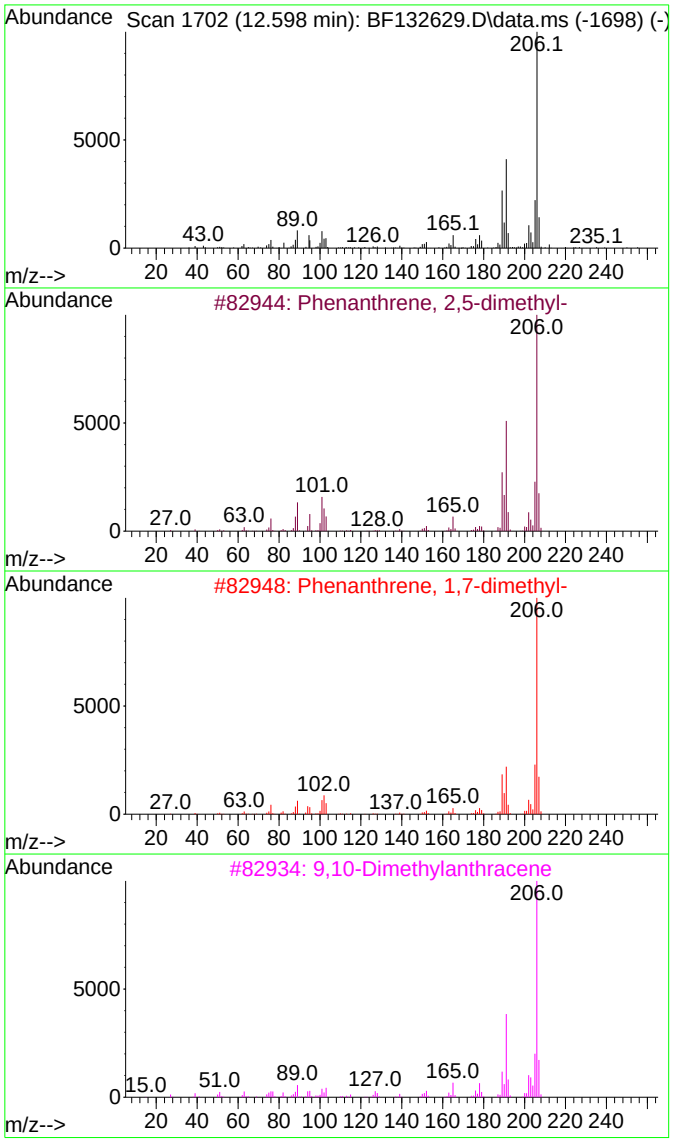
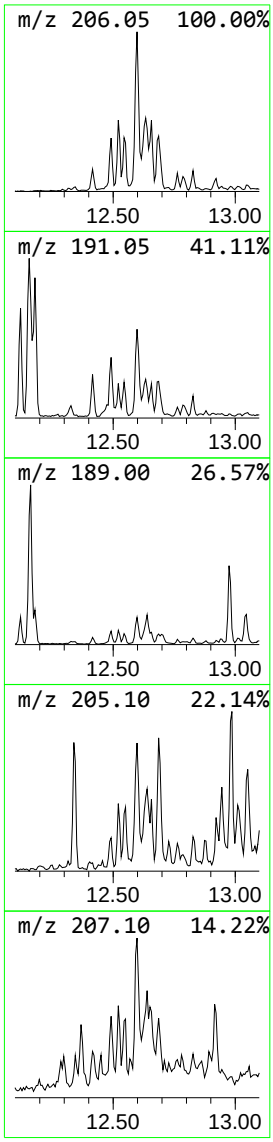
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	5.79 ng	274544	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	89





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

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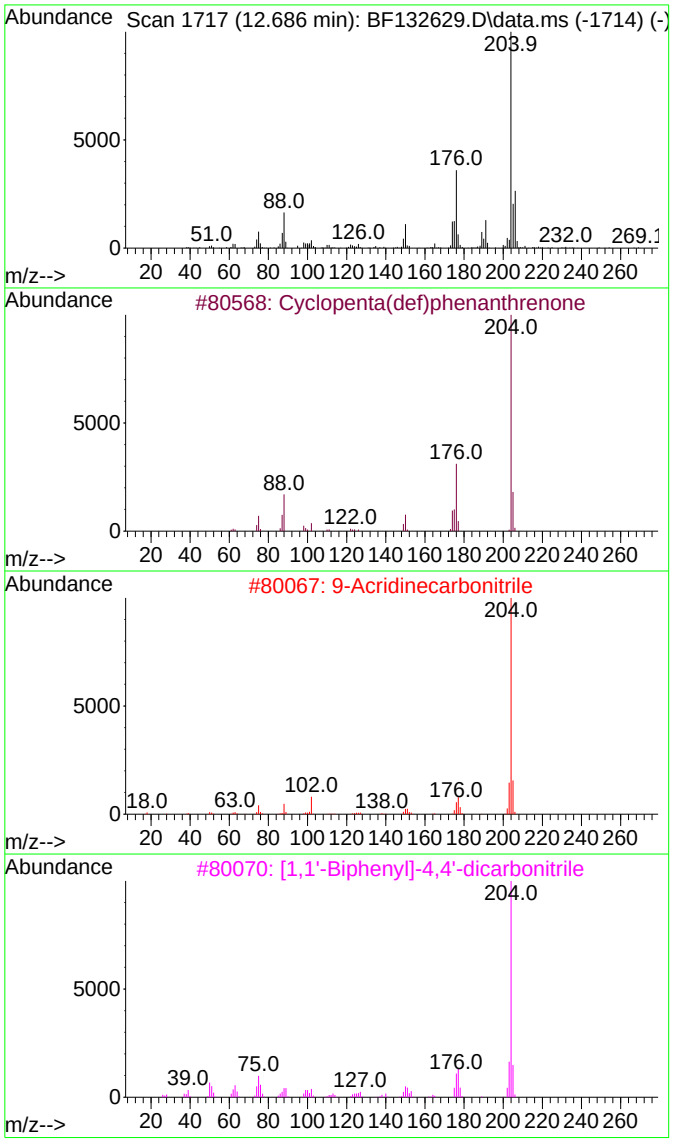
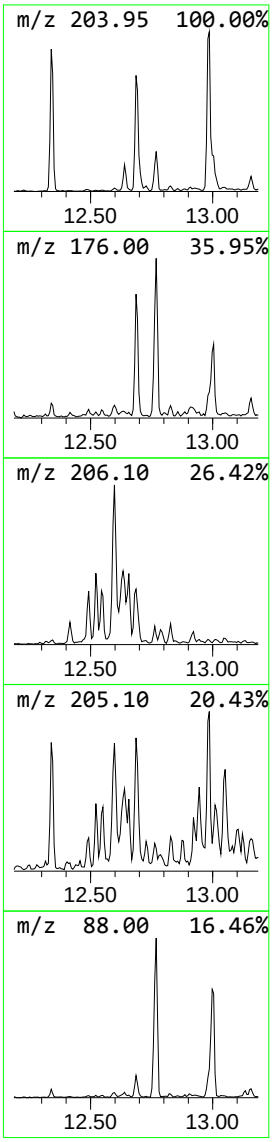
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.686	6.17 ng	292447	Phenanthrene-d10	11.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46





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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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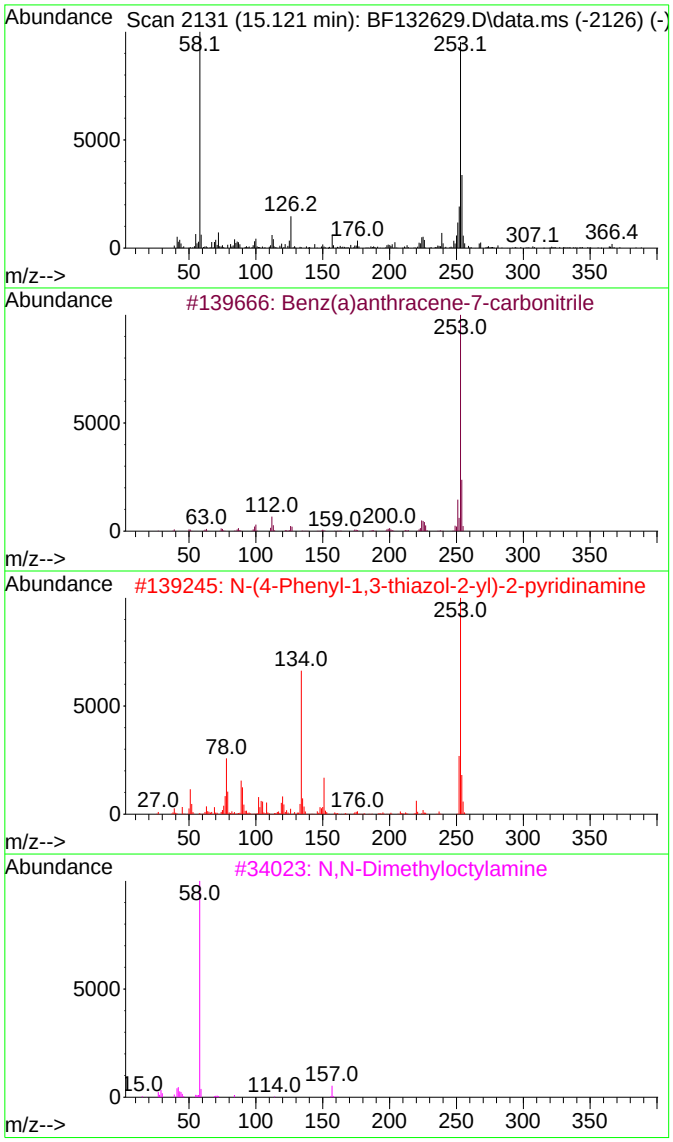
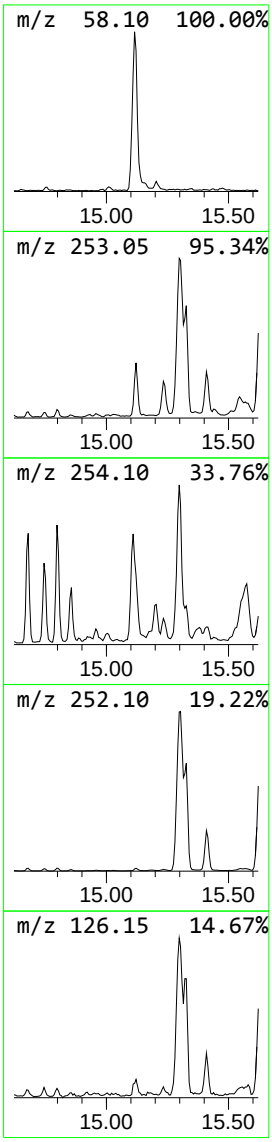
Peak Number 15 unknown15.121 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	8.36 ng	530862	Perylene-d12	15.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	46
2	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	38
3	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	25
4	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	25
5	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	25





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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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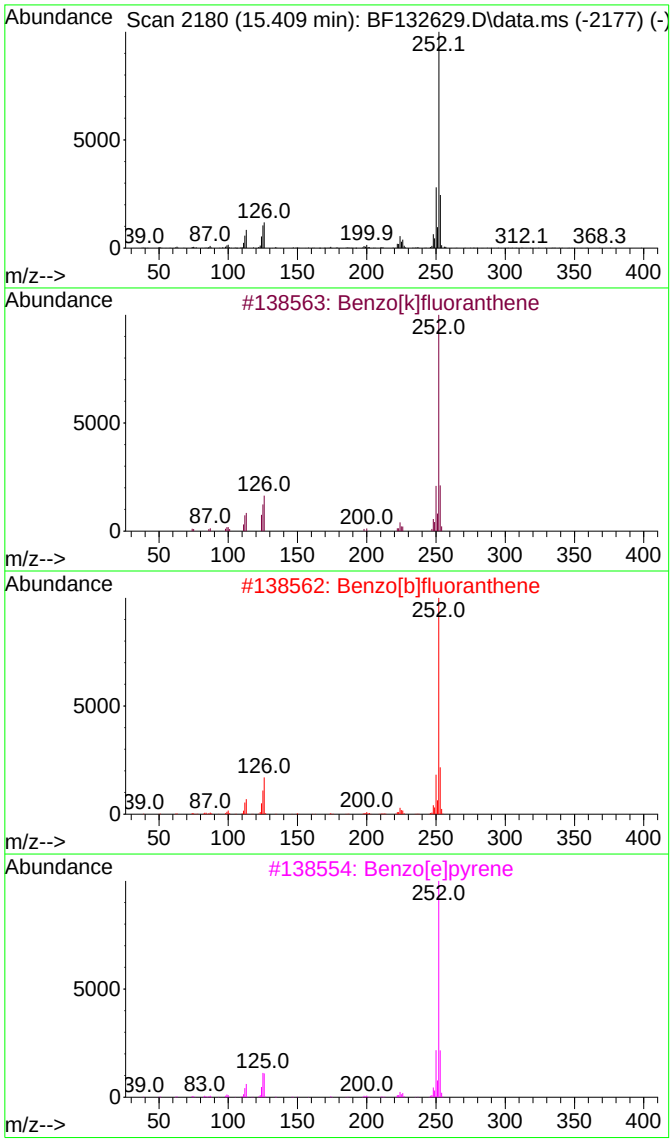
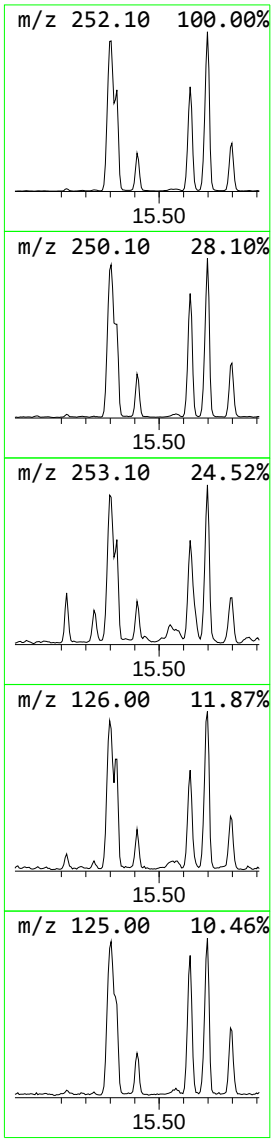
Peak Number 16 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	7.51 ng	476681	Perylene-d12	15.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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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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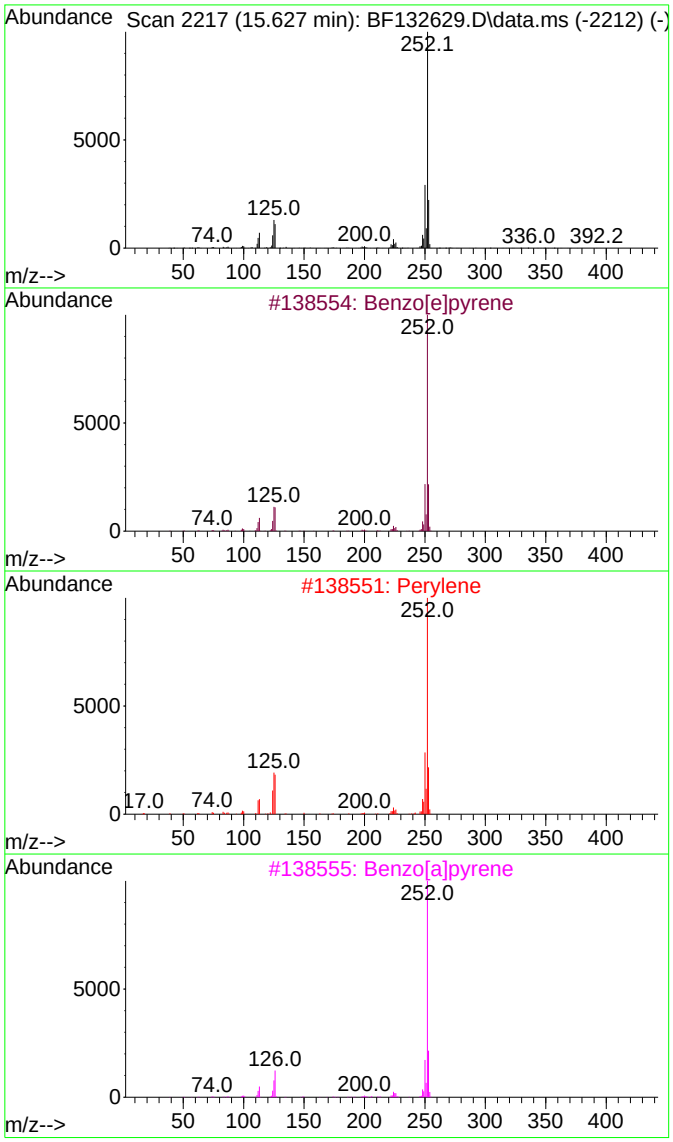
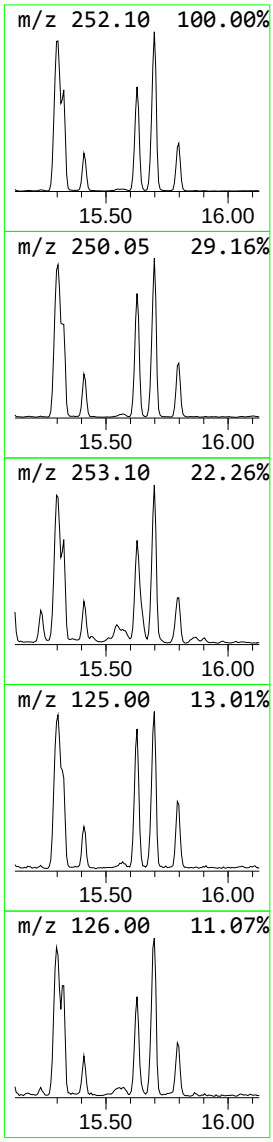
Peak Number 17 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	28.67 ng	1820700	Perylene-d12	15.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
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Acq On : 03 Mar 2023 15:23
Operator : CG\JU
Sample : 01767-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

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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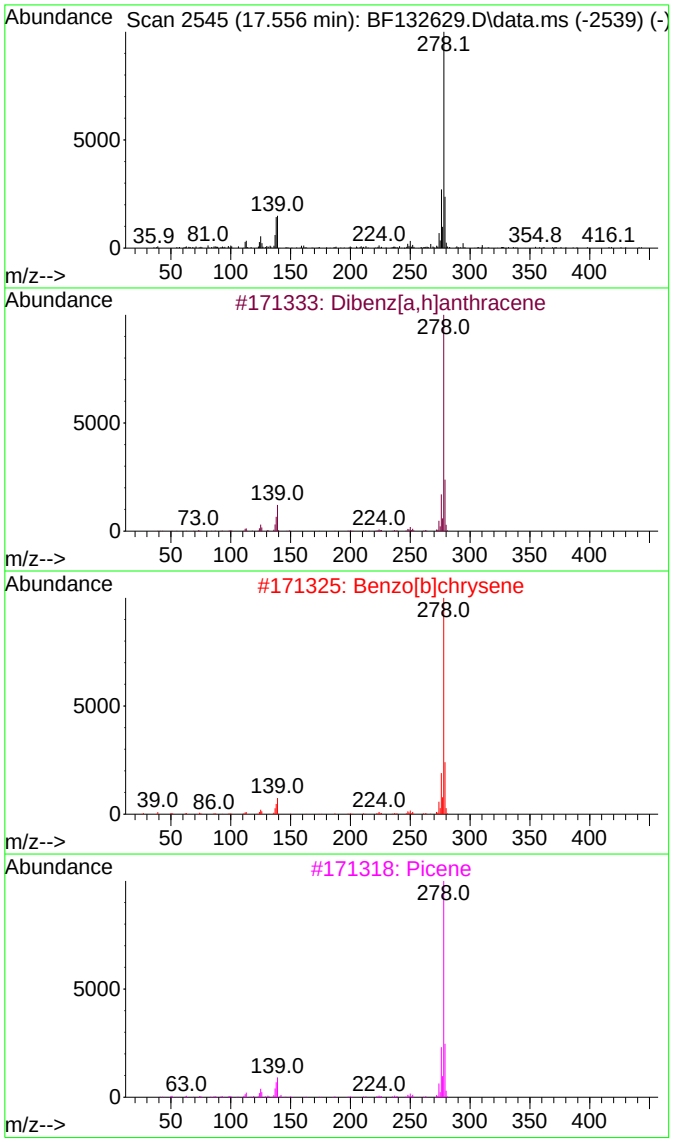
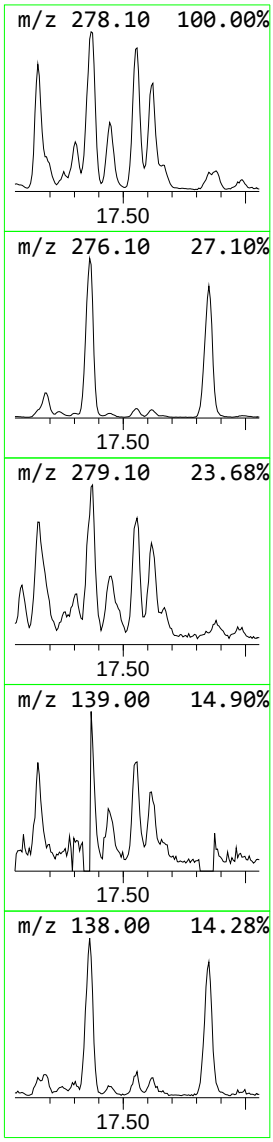
Peak Number 18 Benzo[b]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.556	4.33 ng	275032	Perylene-d12	15.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
2	Benzo[b]chrysene	278	C22H14	000214-17-5	98
3	Picene	278	C22H14	000213-46-7	98
4	Pentaphene	278	C22H14	000222-93-5	95
5	Benzo[b]triphenylene	278	C22H14	000215-58-7	94





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Acq On : 03 Mar 2023 15:23
Operator : CG\JU
Sample : 01767-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

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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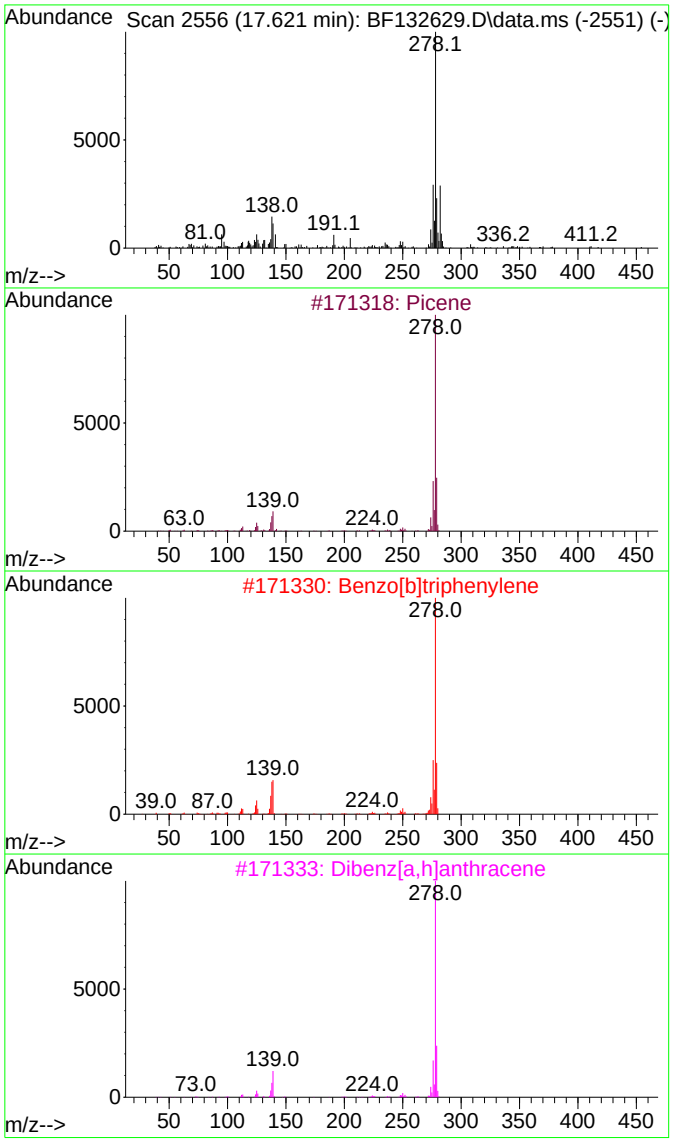
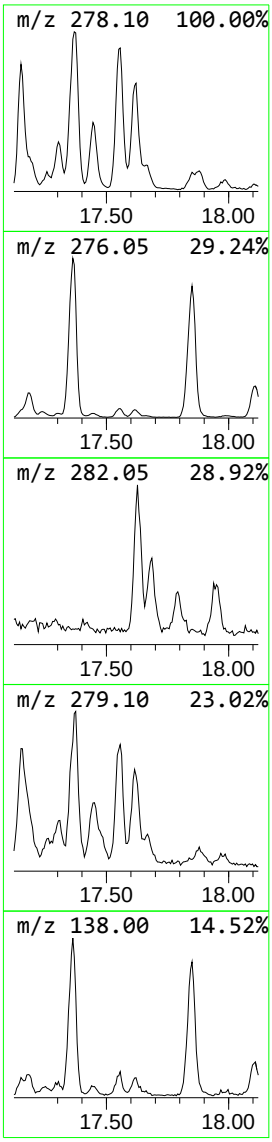
Peak Number 19 Picene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.621	3.72 ng	236222	Perylene-d12	15.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	93
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	86
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83
4	Pentacene	278	C22H14	000135-48-8	83
5	Benzo[b]chrysene	278	C22H14	000214-17-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132629.D
Acq On : 03 Mar 2023 15:23
Operator : CG\JU
Sample : 01767-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

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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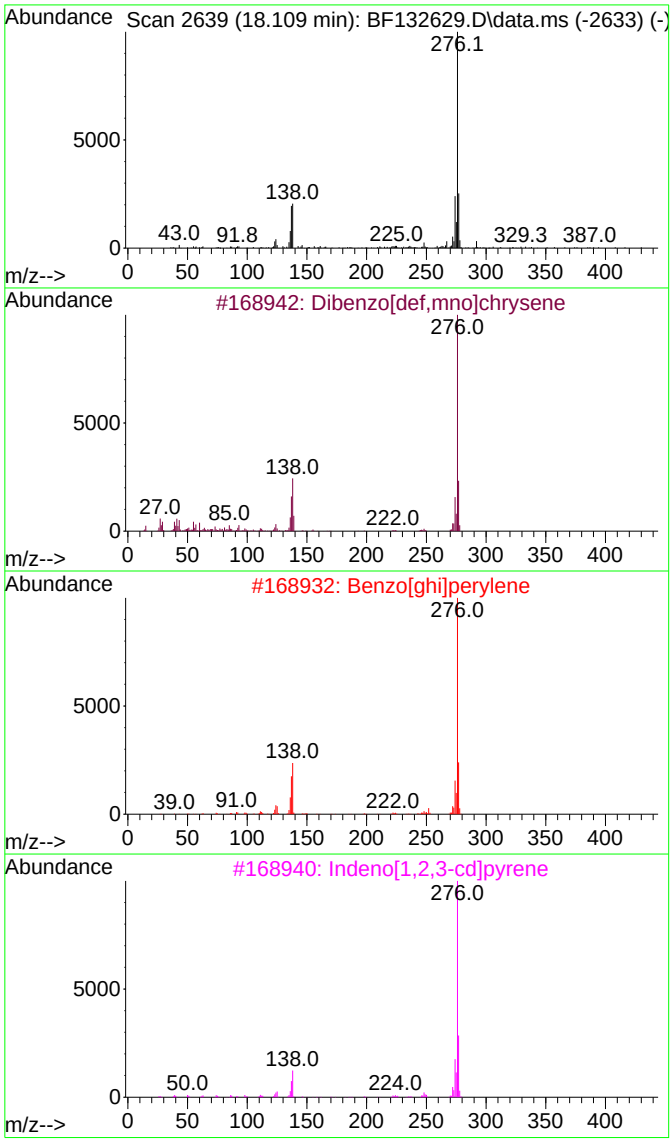
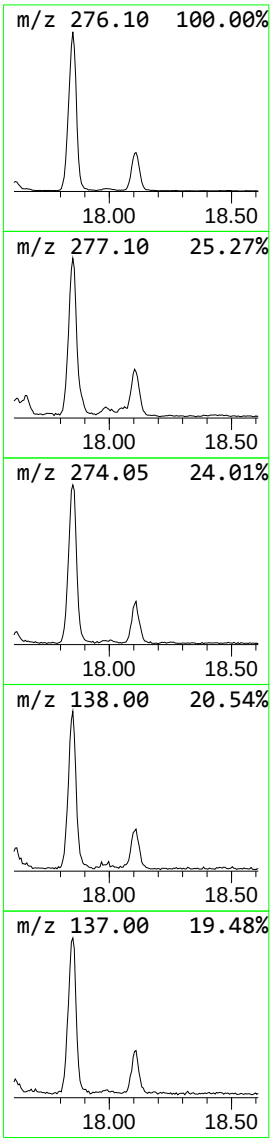
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.109	4.38 ng	278447	Perylene-d12	15.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132629.D
Acq On : 03 Mar 2023 15:23
Operator : CG\JU
Sample : 01767-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CE-45-030123

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	30.5	ng	1509510	1	6.998	988997	20.0
Hexadecane	9.427	4.0	ng	215083	3	10.045	1062340	20.0
Tridecane	9.957	4.0	ng	210261	3	10.045	1062340	20.0
Decane, 2,3,5-t...	10.463	5.1	ng	269886	3	10.045	1062340	20.0
Benzophenone	10.757	4.1	ng	219440	3	10.045	1062340	20.0
Nonadecane	10.933	7.4	ng	350453	4	11.539	948212	20.0
Tetradecane	11.386	5.3	ng	253772	4	11.539	948212	20.0
Phenanthrene, 2...	12.045	10.1	ng	477433	4	11.539	948212	20.0
Anthracene, 2-m...	12.074	8.4	ng	397651	4	11.539	948212	20.0
1H-Cyclopropa[l...	12.121	4.3	ng	203433	4	11.539	948212	20.0
4H-Cyclopenta[d...	12.157	13.1	ng	623096	4	11.539	948212	20.0
Naphthalene, 2-...	12.339	5.3	ng	252502	4	11.539	948212	20.0
Phenanthrene, 2...	12.598	5.8	ng	274544	4	11.539	948212	20.0
Cyclopenta(def)...	12.686	6.2	ng	292447	4	11.539	948212	20.0
unknown15.121	15.121	8.4	ng	530862	6	15.762	1270130	20.0
Benzo[e]pyrene	15.410	7.5	ng	476681	6	15.762	1270130	20.0
Perylene	15.627	28.7	ng	1820700	6	15.762	1270130	20.0
Benzo[b]chrysene	17.556	4.3	ng	275032	6	15.762	1270130	20.0
Picene	17.621	3.7	ng	236222	6	15.762	1270130	20.0
Dibenzo[def,mno...	18.109	4.4	ng	278447	6	15.762	1270130	20.0