LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127811.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.187	488	493	500	rVB	59840	77124	2.00%	0.129%
2	5.569	553	558	561	rBV	2736212	2551294	66.13%	4.276%
3	6.569	722	728	731	rBV	2676225	2820288	73.11%	4.726%
4	6.945	788	792	796	rBV	1091912	922742	23.92%	1.546%
5	7.510	882	888	891	rBV	2047879	1916816	49.69%	3.212%
6	8.228	1006	1010	1013	rBV	1232986	1197783	31.05%	2.007%
7	9.304	1188	1193	1197	rBV	3719293	3622973	93.91%	6.072%
8	9.569	1233	1238	1242	rBV2	79232	111095	2.88%	0.186%
9	9.645	1246	1251	1253	rVV	120845	125239	3.25%	0.210%
10	9.851	1283	1286	1293	rVB2	107603	99460	2.58%	0.167%
11	9.992	1306	1310	1312	rVV	1431080	1301547	33.74%	2.181%
12	10.022	1312	1315	1318	rVB	428634	326014	8.45%	0.546%
13	10.192	1340	1344	1348	rVV	450934	378935	9.82%	0.635%
14	10.392	1373	1378	1379	rVV2	53301	70193	1.82%	0.118%
15	10.539	1398	1403	1408	rVB	695896	625750	16.22%	1.049%
16	10.692	1427	1429	1437	rVB	197818	169824	4.40%	0.285%
17	10.775	1440	1443	1448	rVV	1573790	1442408	37.39%	2.417%
18	11.086	1490	1496	1498	rBV3	151322	185678	4.81%	0.311%
19	11.210	1513	1517	1519	rVV2	79874	87644	2.27%	0.147%
20	11.233	1519	1521	1526	rVV2	83220	99119	2.57%	0.166%
21	11.280	1526	1529	1533	rVV	149045	143198	3.71%	0.240%
22	11.328	1533	1537	1541	rVV3	110571	175138	4.54%	0.294%
23	11.375	1542	1545	1550	rVB	300415	280109	7.26%	0.469%
24	11.480	1559	1563	1565	rBV	1226210	1203387	31.19%	2.017%
25	11.510	1565	1568	1571	rVV	4120045	3721103	96.46%	6.236%
26	11.557	1571	1576	1579	rVV	1188013	1016442	26.35%	1.703%
27	11.586	1579	1581	1584	rVV	84306	83131	2.15%	0.139%
28	11.639	1587	1590	1595	rVV2	66469	88697	2.30%	0.149%
29	11.710	1595	1602	1609	rBV2	227359	292389	7.58%	0.490%
30	11.775	1611	1613	1617	rVV2	101218	97458	2.53%	0.163%
31	11.810	1617	1619	1624	rVV2	64720	73633	1.91%	0.123%
32	11.980	1642	1648	1651	rBV	418145	398003	10.32%	0.667%
33	12.010	1651	1653	1656	rVB	566726	417683	10.83%	0.700%
34	12.057	1659	1661	1664	rVB	203909	152990	3.97%	0.256%
35	12.098	1664	1668	1670	rBV	676020	719720	18.66%	1.206%
36	12.280	1696	1699	1701	rVV	267543	267075	6.92%	0.448%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.304	1701	1703	1706	rVV	198964	161608	4.19%	0.271%
38	12.457	1726	1729	1731	rVV2	81331	72928	1.89%	0.122%
39	12.533	1739	1742	1745	rVV	128913	154649	4.01%	0.259%
40	12.569	1745	1748	1750	rVV3	93272	116467	3.02%	0.195%
41	12.622	1754	1757	1762	rVB	153560	174440	4.52%	0.292%
42	12.704	1766	1771	1774	rBV	4152820	3857794	100.00%	6.465%
43	12.827	1788	1792	1793	rBV3	50961	73385	1.90%	0.123%
44	12.851	1793	1796	1799	rVV	173300	152601	3.96%	0.256%
45	12.933	1803	1810	1813	rBV2	3205720	3700067	95.91%	6.201%
46	12.974	1814	1817	1822	rVB2	174349	174503	4.52%	0.292%
47	13.045	1825	1829	1830	rBV	247121	225251	5.84%	0.377%
48	13.069	1830	1833	1839	rVB	3145598	2765967	71.70%	4.635%
49	13.139	1840	1845	1849	rBV2	184903	341912	8.86%	0.573%
50	13.174	1849	1851	1854	rVB2	128740	107563	2.79%	0.180%
51	13.227	1857	1860	1862	rBV4	132264	166443	4.31%	0.279%
52	13.257	1862	1865	1868	rVB	456234	428225	11.10%	0.718%
53	13.322	1873	1876	1878	rBV2	429333	345393	8.95%	0.579%
54	13.357	1878	1882	1885	rVV2	255268	281736	7.30%	0.472%
55	13.451	1895	1898	1900	rBV	124257	92319	2.39%	0.155%
56	13.480	1900	1903	1906	rBV2	121417	116733	3.03%	0.196%
57	13.763	1948	1951	1955	rVB	215244	231172	5.99%	0.387%
58	13.874	1965	1970	1973	rBV2	285463	348623	9.04%	0.584%
59	13.904	1973	1975	1977	rVV	302953	262335	6.80%	0.440%
60	13.927	1977	1979	1983	rVV2	265079	366839	9.51%	0.615%
61	13.969	1983	1986	1994	rVV2	323480	472722	12.25%	0.792%
62	14.045	1997	1999	2005	rVV2	84482	118130	3.06%	0.198%
63	14.121	2005	2012	2016	rVV2	2066444	3169193	82.15%	5.311%
64	14.157	2016	2018	2023	rVB	1715674	1411575	36.59%	2.366%
65	14.233	2028	2031	2034	rVV	310943	270502	7.01%	0.453%
66	14.269	2035	2037	2042	rVV5	97408	163253	4.23%	0.274%
67	14.316	2042	2045	2047	rVV	156145	160122	4.15%	0.268%
68	14.351	2047	2051	2054	rVV2	186056	254777	6.60%	0.427%
69	14.474	2070	2072	2074	rVV	79255	73069	1.89%	0.122%
70	14.510	2074	2078	2081	rVV	271468	332519	8.62%	0.557%
71	14.545	2081	2084	2087	rVV	170414	163812	4.25%	0.275%
72	14.586	2087	2091	2092	rVV3	88277	98969	2.57%	0.166%
73	14.610	2092	2095	2097	rVV2	141251	170788	4.43%	0.286%
74	14.639	2097	2100	2102	rVV	182160	188690	4.89%	0.316%
75	14.663	2102	2104	2108	rVV4	188553	183463	4.76%	0.307%
76	14.716	2108	2113	2117	rVB3	90059	139102	3.61%	0.233%

LSC Area Percent Report

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Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-212

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.827	2128	2132	2135	rBV3	94495	132839	3.44%	0.223%
78	14.857	2135	2137	2143	rVB4	59224	81294	2.11%	0.136%
79	14.910	2143	2146	2150	rBV4	71833	84894	2.20%	0.142%
80	15.021	2163	2165	2169	rVB	78160	78085	2.02%	0.131%
81	15.098	2174	2178	2181	rBV3	57406	79875	2.07%	0.134%
82	15.133	2181	2184	2189	rVB	61234	78739	2.04%	0.132%
83	15.198	2189	2195	2198	rBV	1275923	2110153	54.70%	3.536%
84	15.263	2203	2206	2210	rVV3	98515	145028	3.76%	0.243%
85	15.304	2210	2213	2217	rVB	246879	278842	7.23%	0.467%
86	15.398	2226	2229	2231	rBV3	76107	99319	2.57%	0.166%
87	15.515	2244	2249	2255	rVB	772700	1031692	26.74%	1.729%
88	15.580	2255	2260	2266	rVB	1122358	1437657	37.27%	2.409%
89	15.645	2266	2271	2274	rBV	745417	1018214	26.39%	1.706%
90	15.680	2274	2277	2283	rVB	368787	510463	13.23%	0.855%
91	16.127	2345	2353	2361	rBV4	62181	178020	4.61%	0.298%
92	16.233	2367	2371	2382	rVB	74209	136880	3.55%	0.229%
93	16.998	2492	2501	2511	rBV3	90910	348170	9.03%	0.583%
94	17.192	2527	2534	2543	rVB2	468659	989838	25.66%	1.659%
95	17.280	2545	2549	2559	rVB4	51870	142238	3.69%	0.238%
96	17.380	2559	2566	2572	rBV	104643	229180	5.94%	0.384%
97	17.445	2572	2577	2581	rBV	79626	152008	3.94%	0.255%
98	17.662	2606	2614	2625	rBV	337467	720003	18.66%	1.207%
99	17.909	2650	2656	2665	rVB	91495	184244	4.78%	0.309%
100	18.051	2675	2680	2689	rVB10	27407	71779	1.86%	0.120%

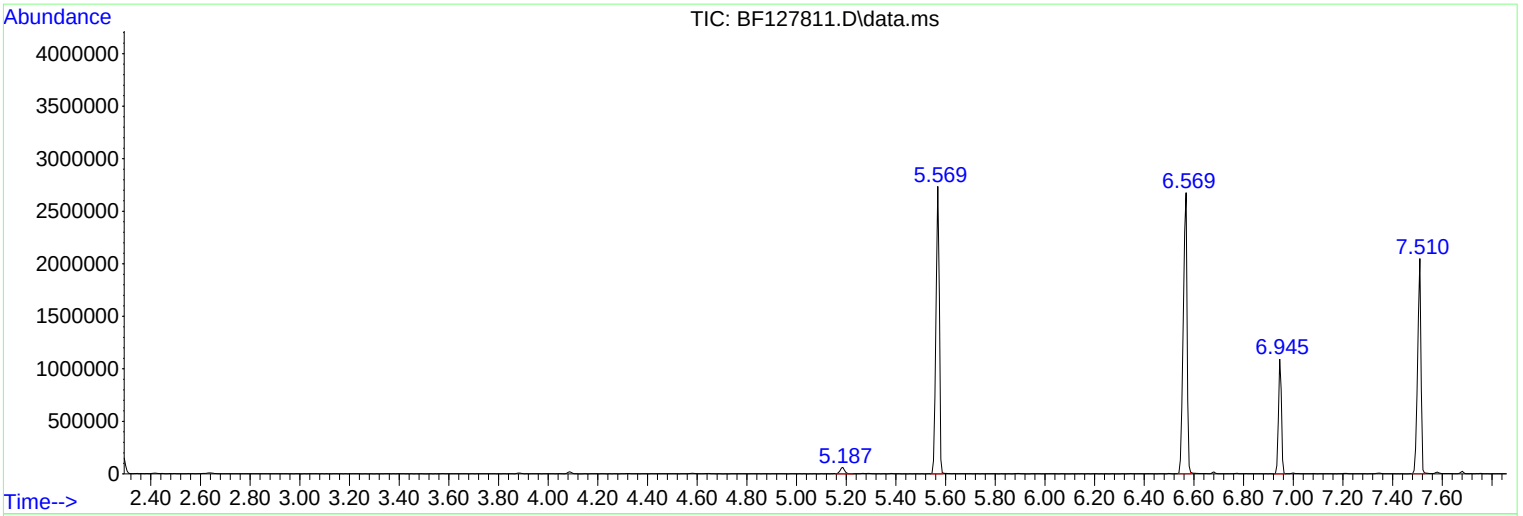
Sum of corrected areas: 59671175

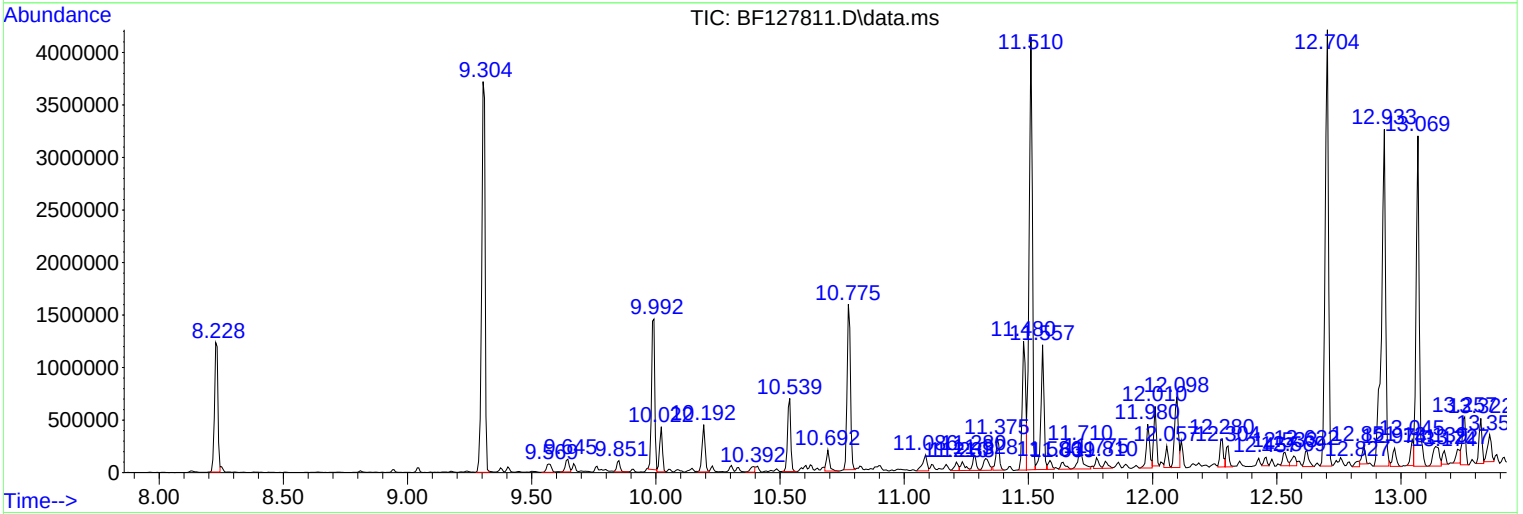
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

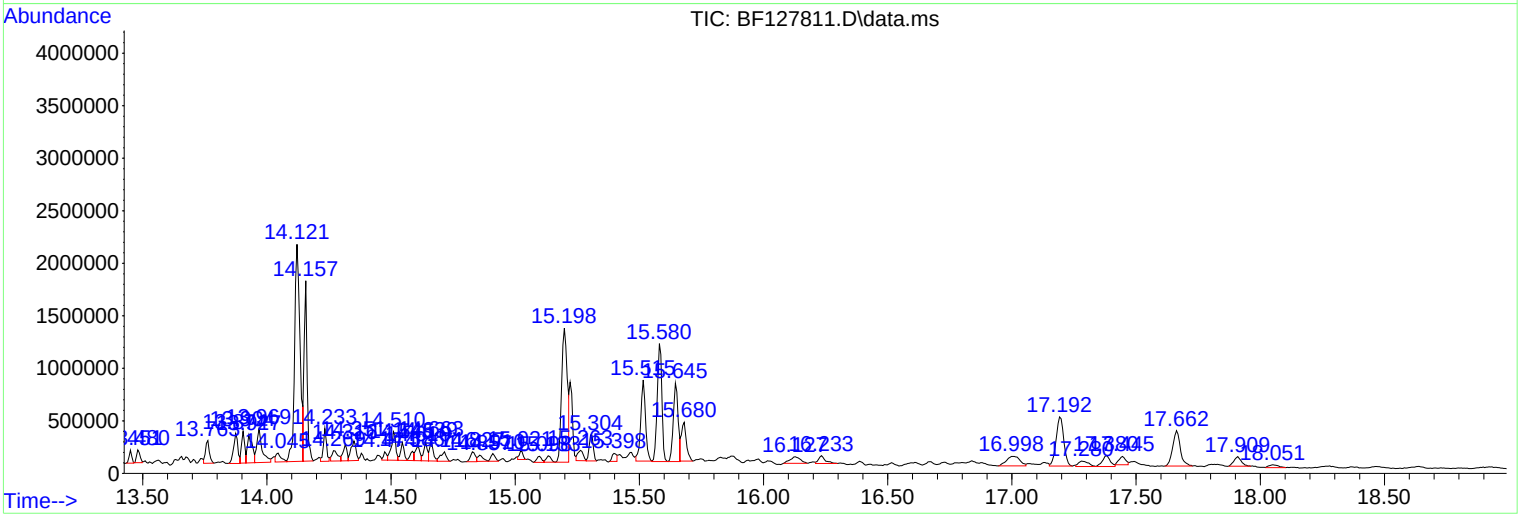
Instrument :
BNA_F
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

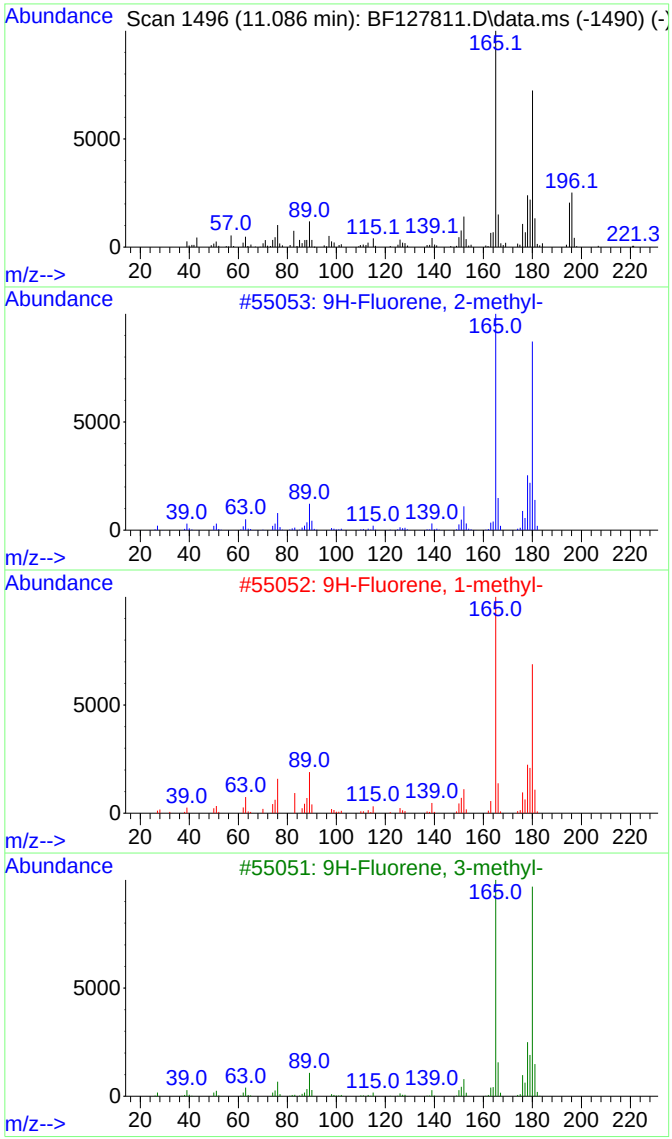
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

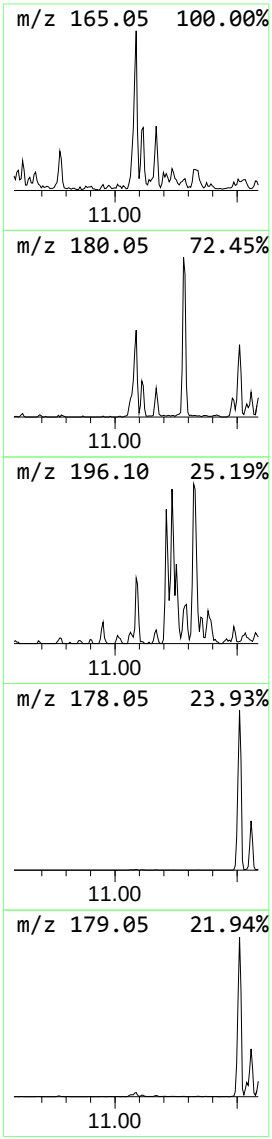
****

Peak Number 1 9H-Fluorene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	3.09 ng	185678	Phenanthrene-d10	11.480

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	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

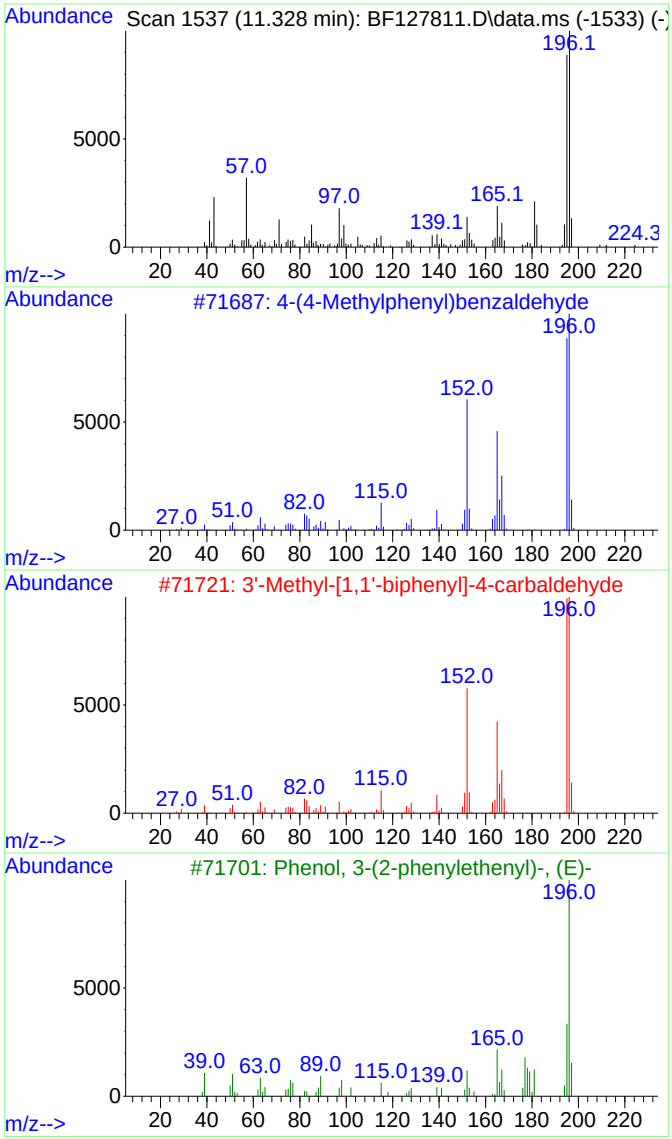
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

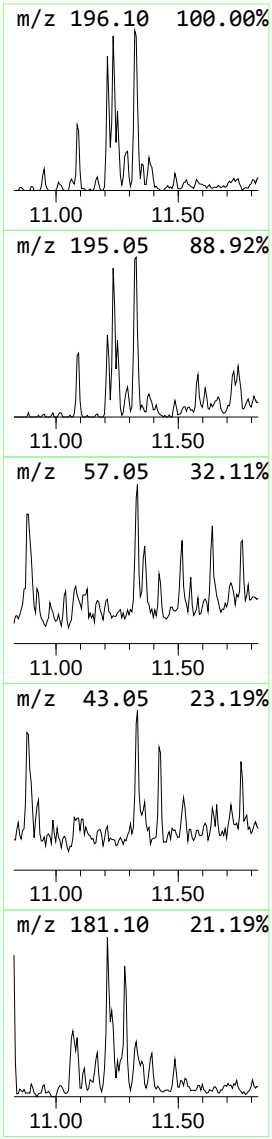
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4-(4-Methylphenyl)benzaldehyde Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.328	2.91 ng	175138	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	81
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	76
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	60
4	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	58
5	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

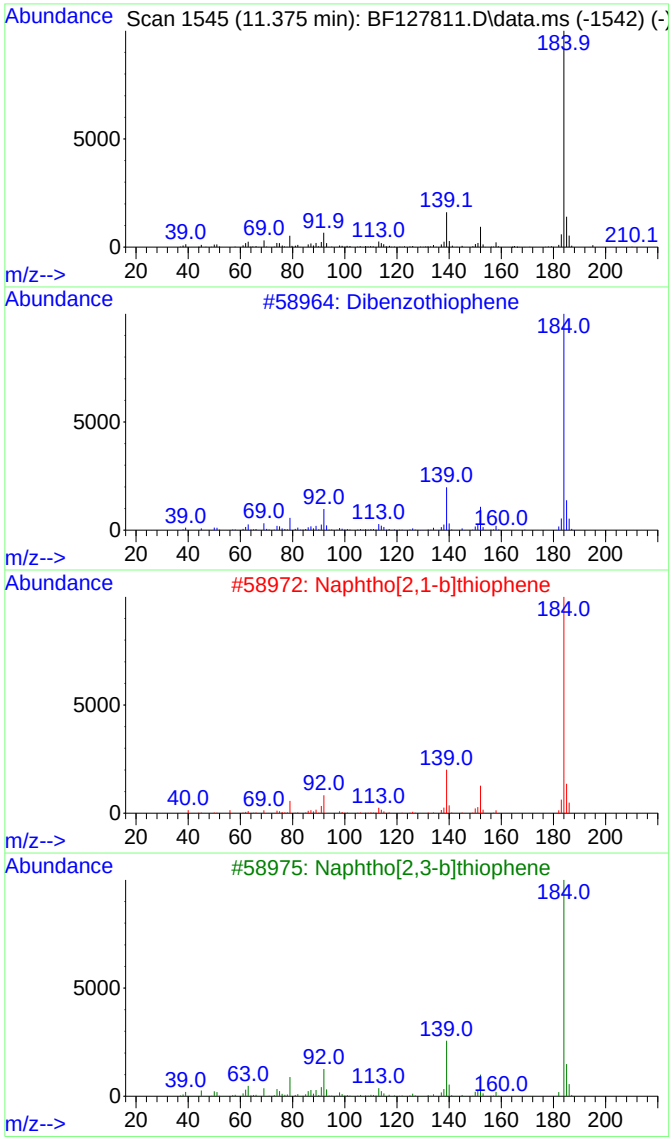
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

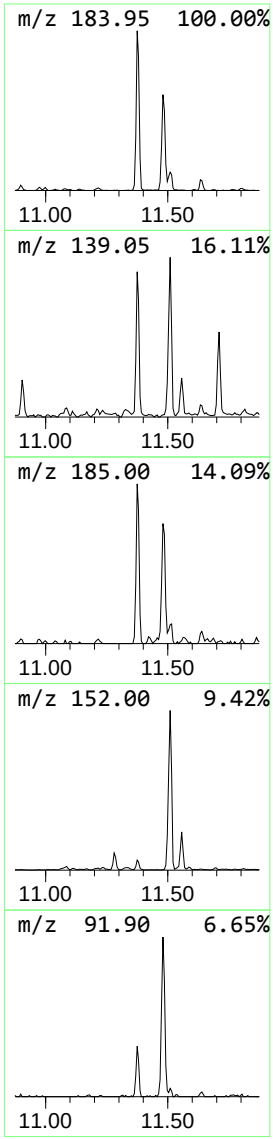
****

Peak Number 3 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.375	4.66 ng	280109	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

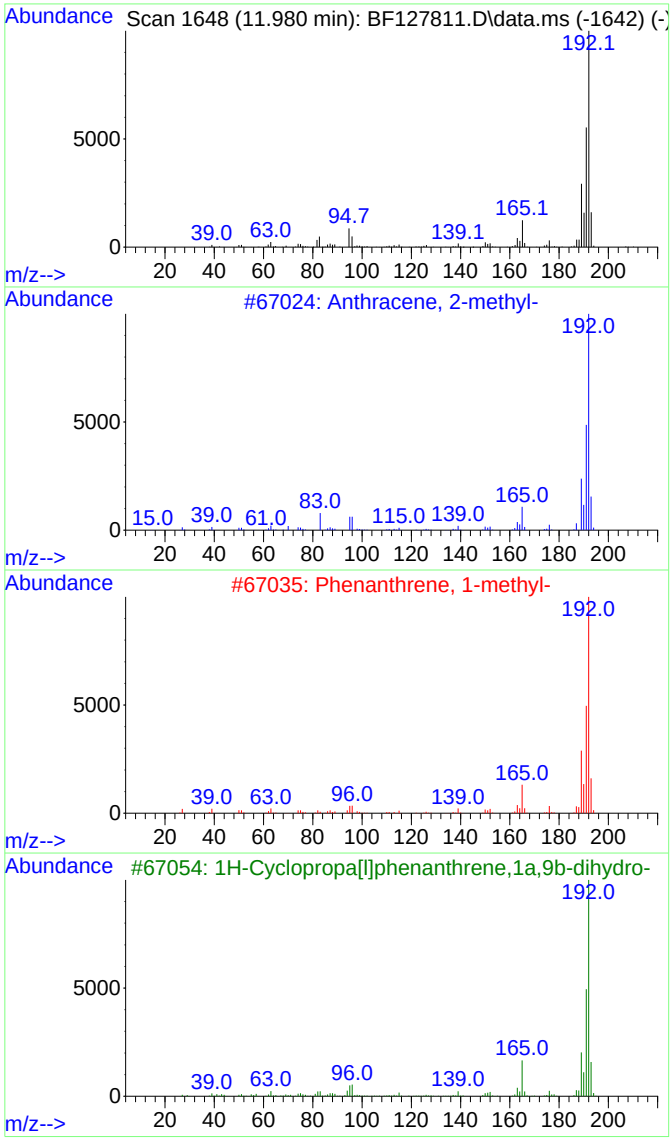
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

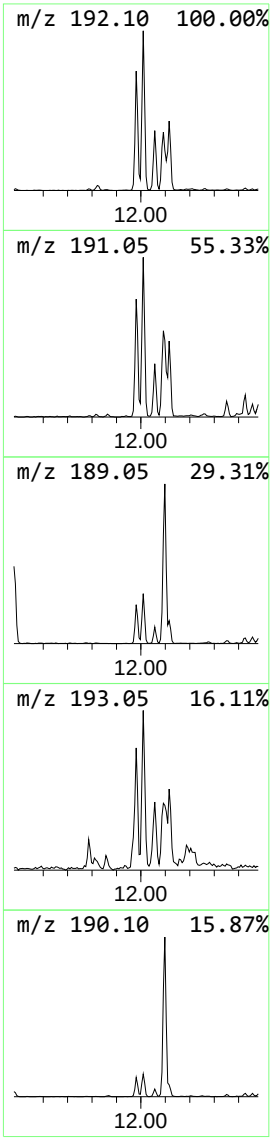
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	6.61 ng	398003	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

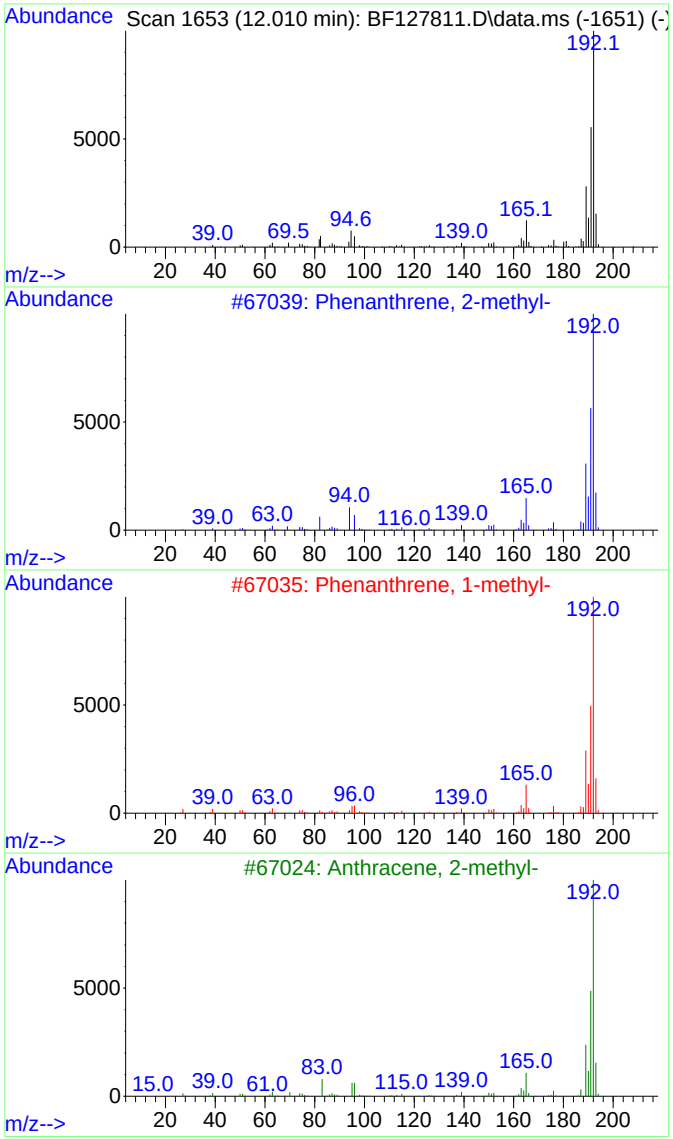
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

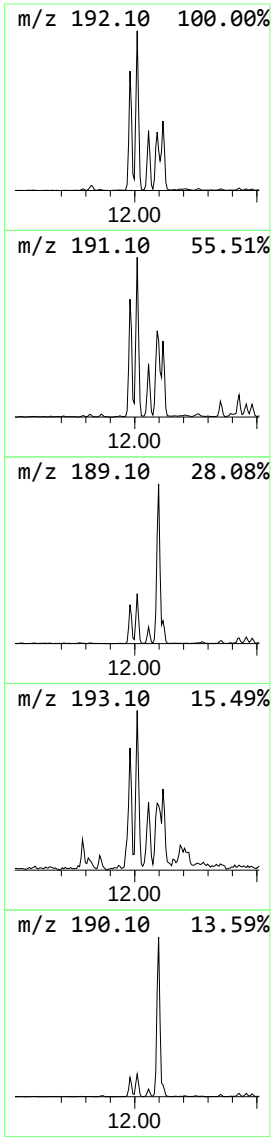
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	6.94 ng	417683	Phenanthrene-d10	11.480

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-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Operator : CG\JU
Sample : N2392-01
Misc :
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ClientSampleId :
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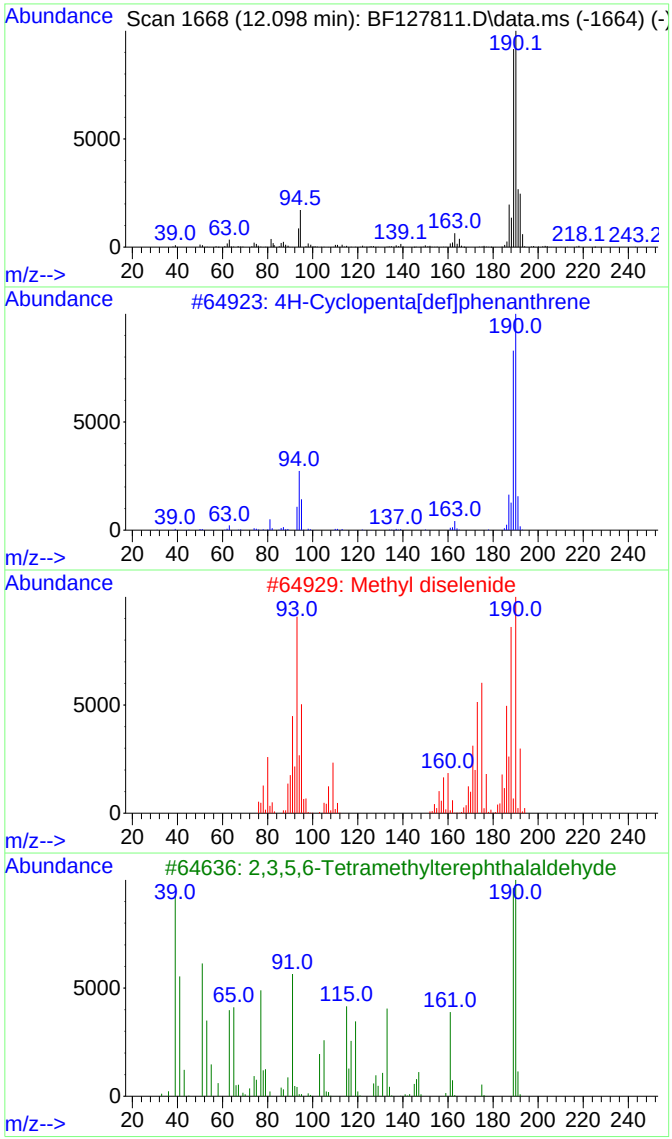
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

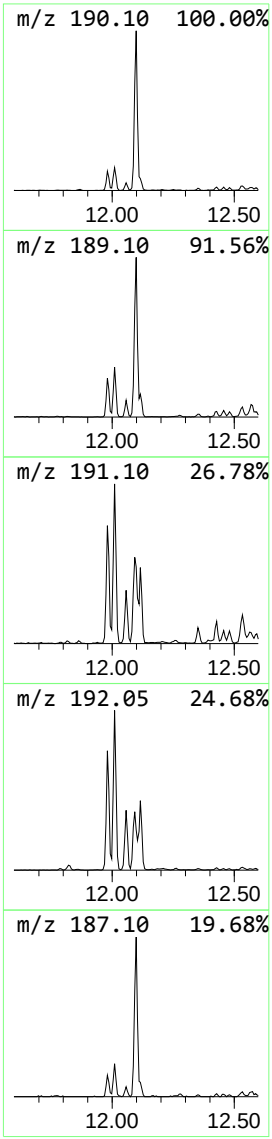
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	11.96 ng	719720	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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

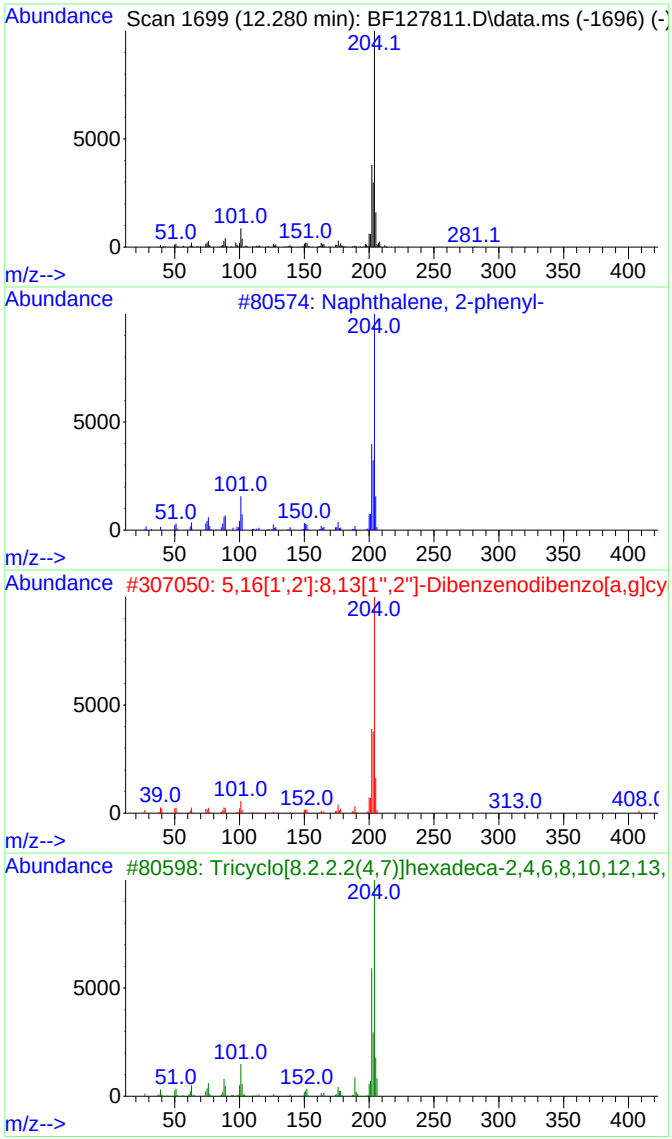
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

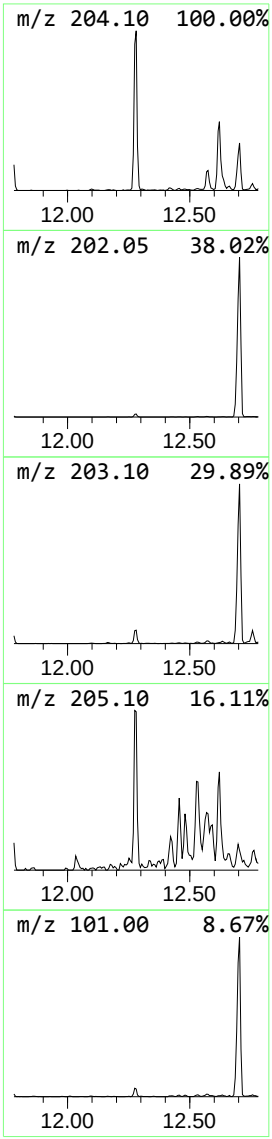
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	4.44 ng	267075	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59





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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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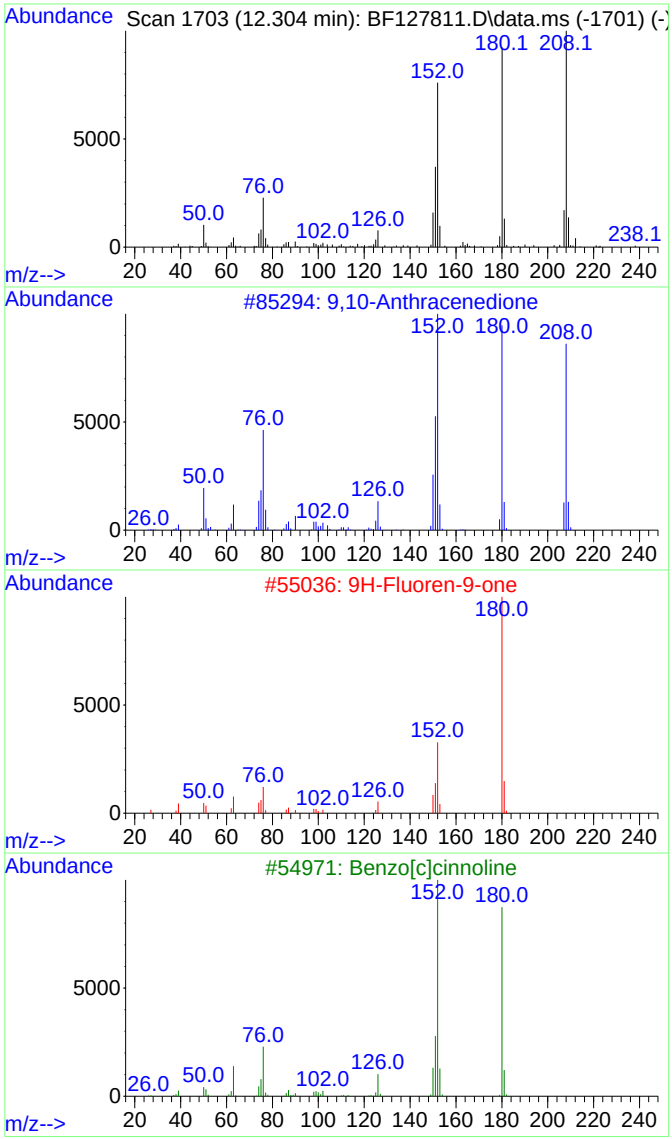
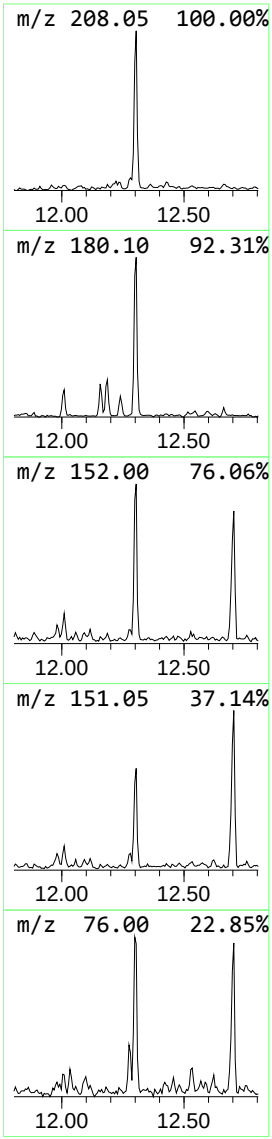
Peak Number 8 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	2.69 ng	161608	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52





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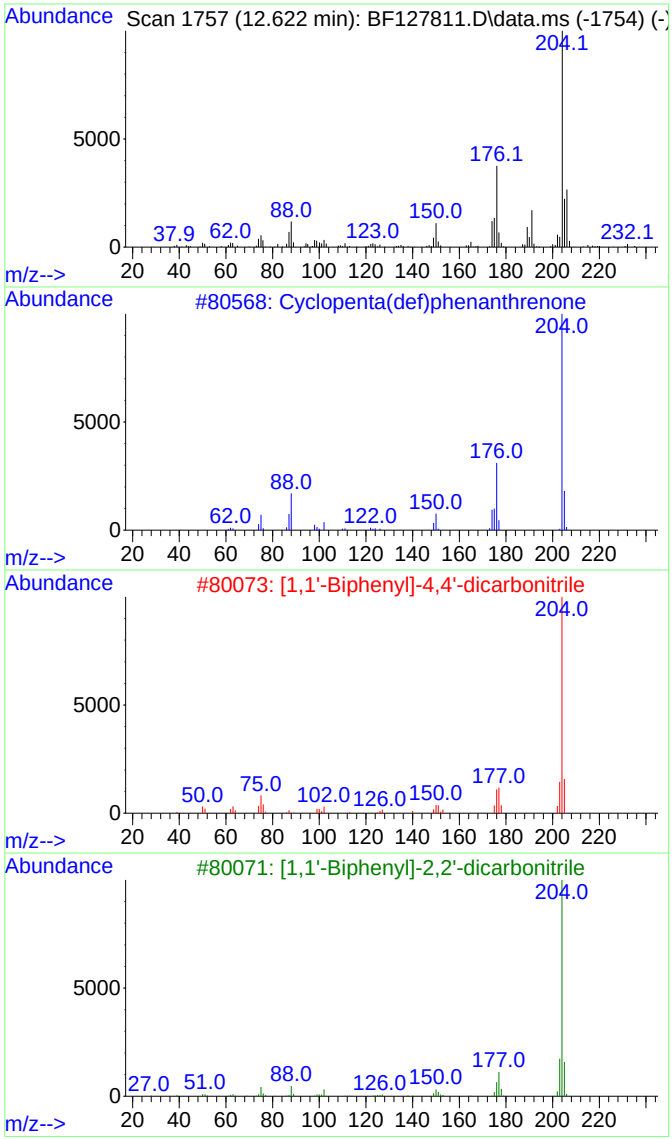
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

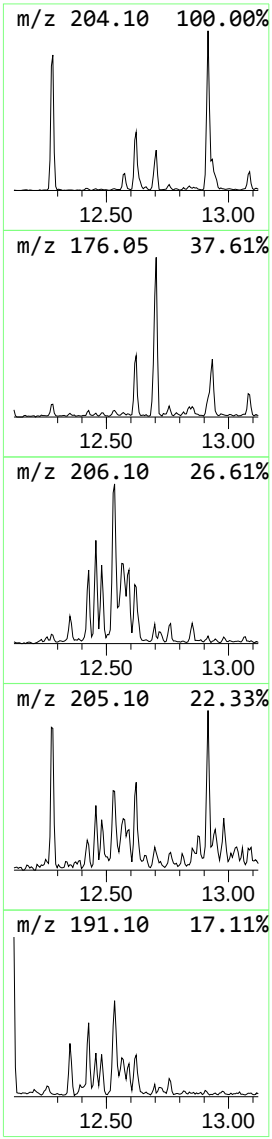
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	2.90 ng	174440	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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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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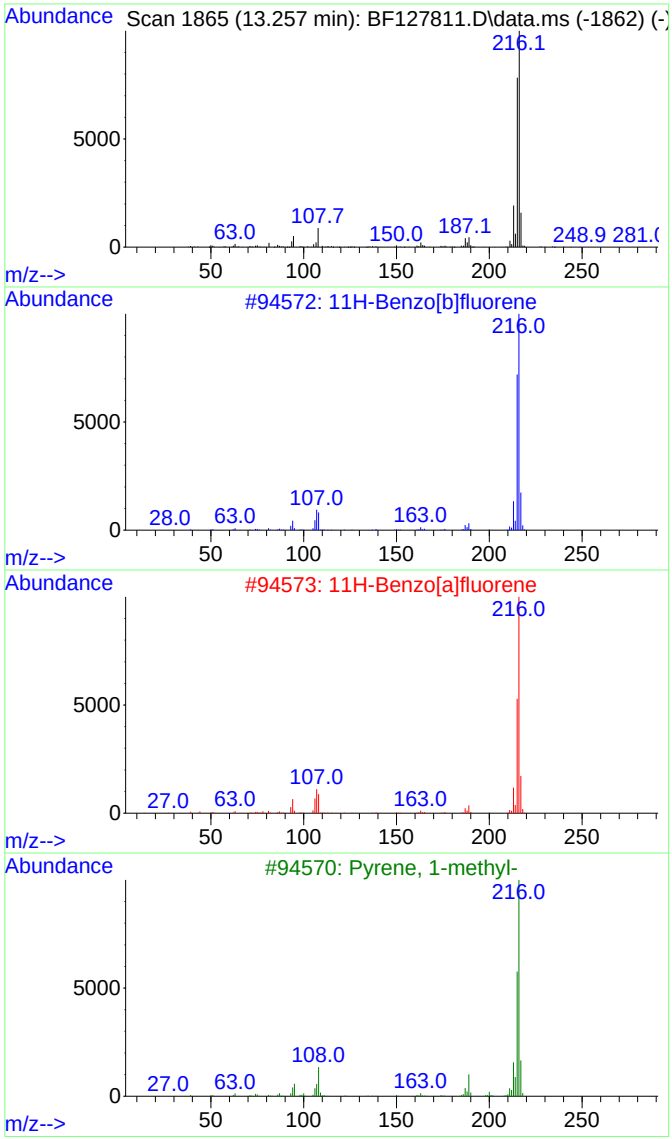
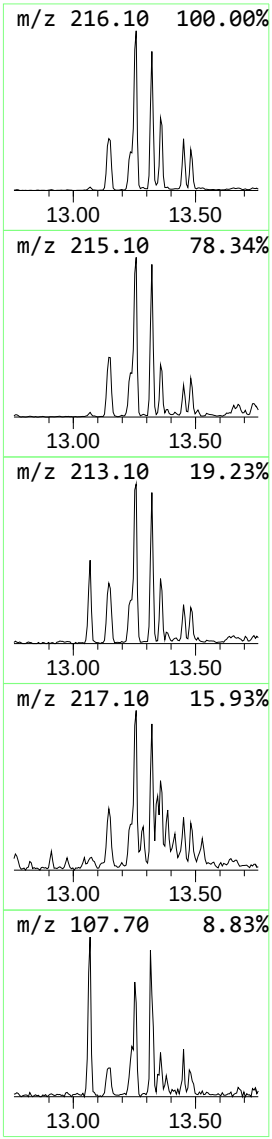
Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	2.70 ng	428225	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	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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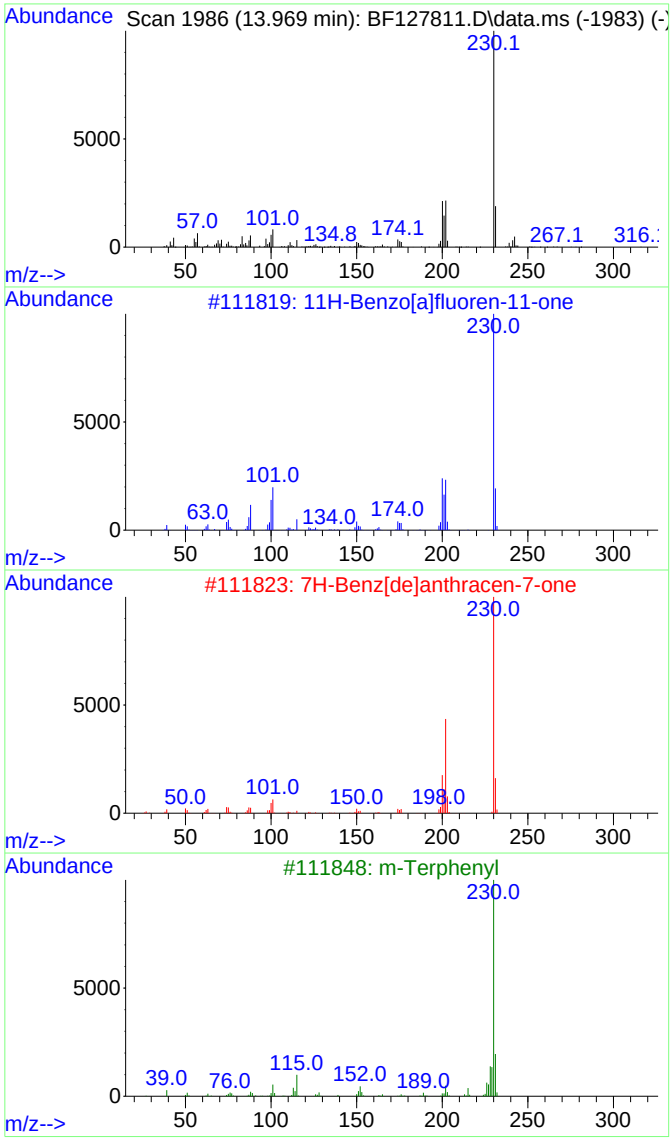
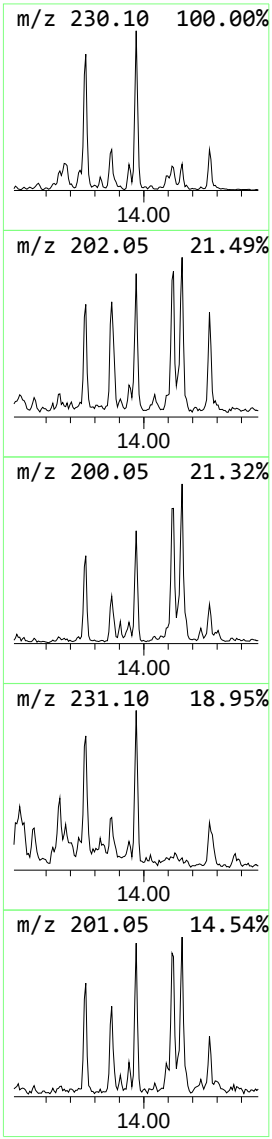
Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	2.98 ng	472722	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	m-Terphenyl	230	C18H14	000092-06-8	50
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50
5	o-Terphenyl	230	C18H14	000084-15-1	50





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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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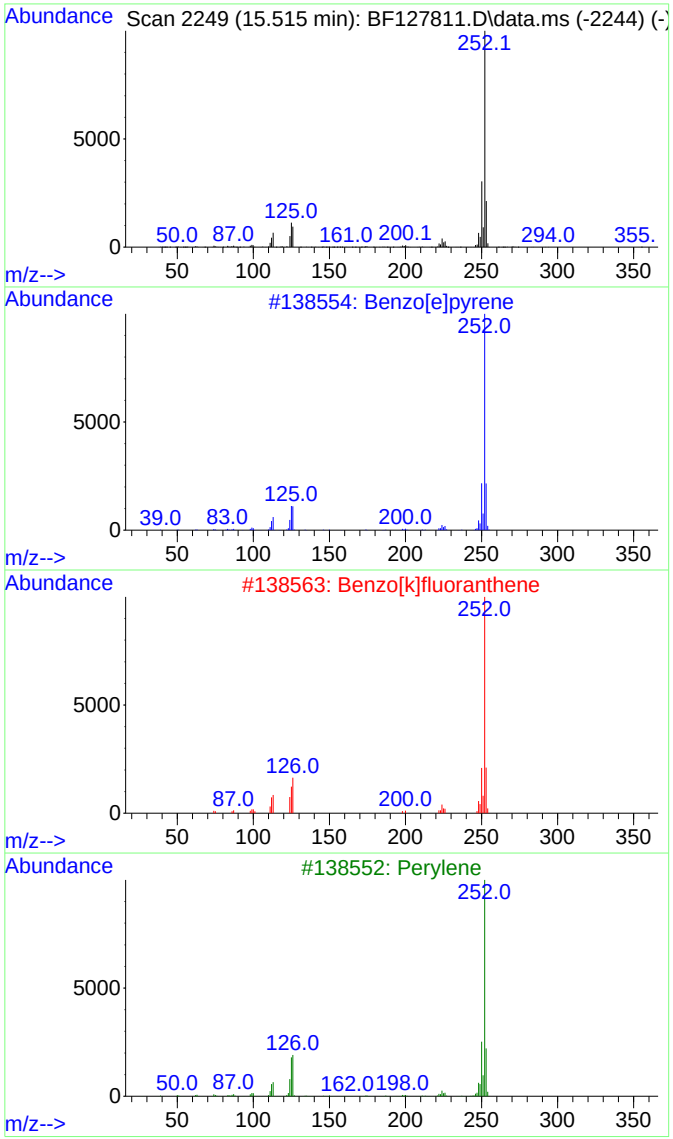
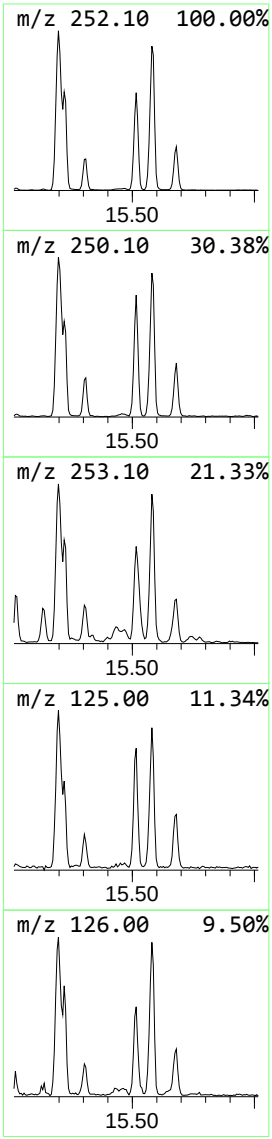
Peak Number 13 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.515	20.26 ng	1031690	Perylene-d12	15.645

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	Perylene	252	C20H12	000198-55-0	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Instrument :
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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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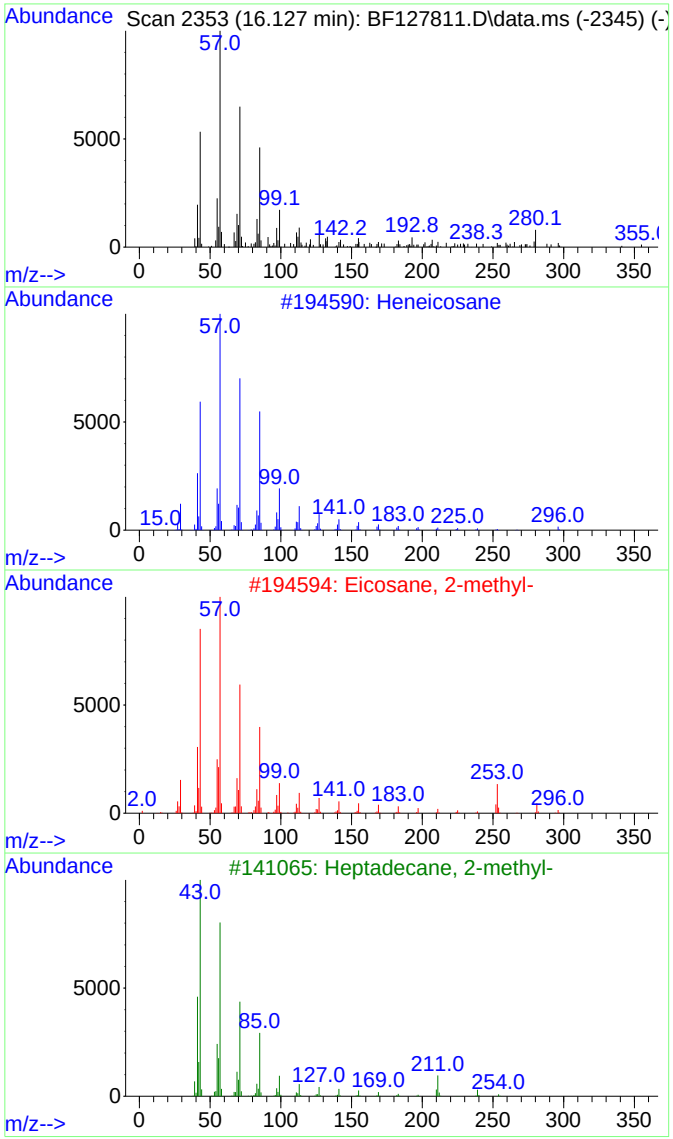
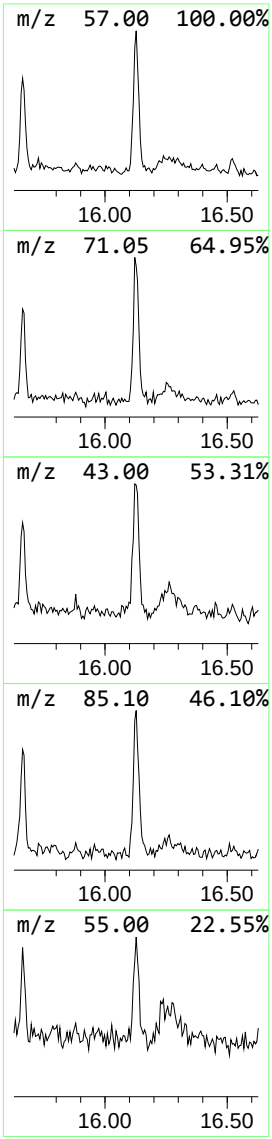
Peak Number 14 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.127	3.50 ng	178020	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83





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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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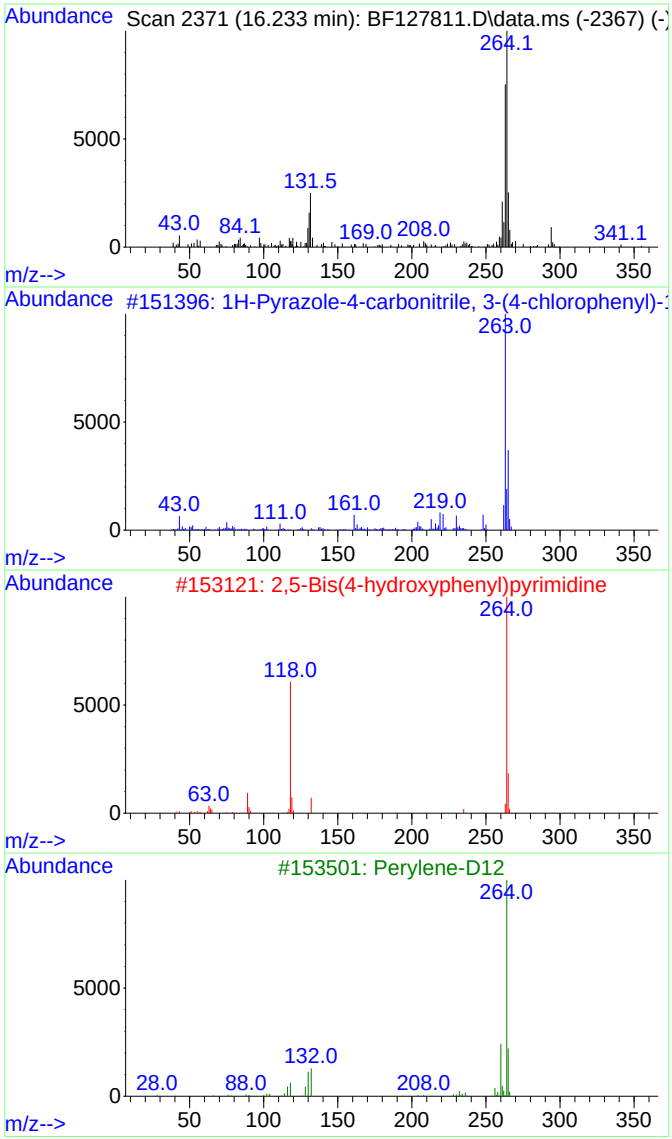
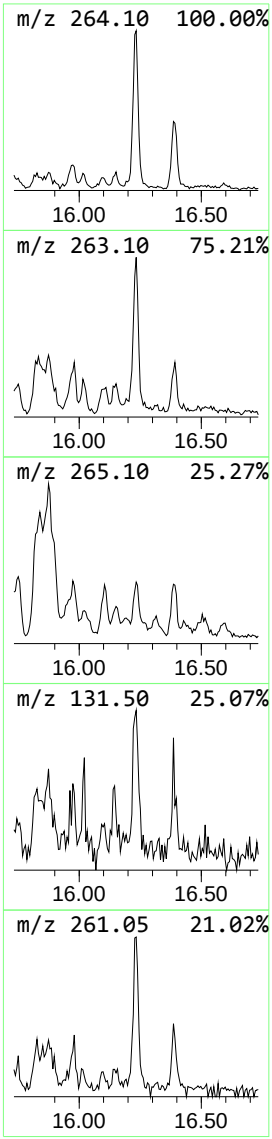
Peak Number 15 unknown16.233 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	2.69 ng	136880	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
2	2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	27
3	Perylene-D12	264	C20D12	001520-96-3	27
4	5,12-Dioxa-chrysene-6,11-dione	264	C16H8O4	002288-98-4	27
5	3-Chloro-1-diethylamino-7-ethyl-...	292	C15H21ClN4	1000274-36-7	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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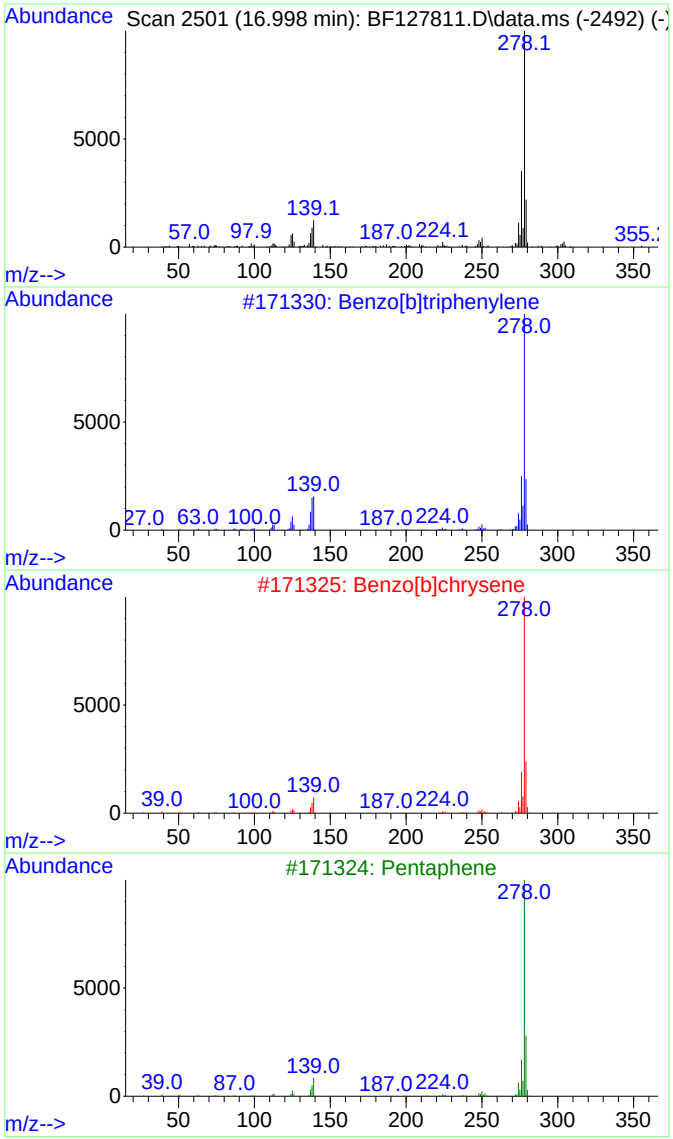
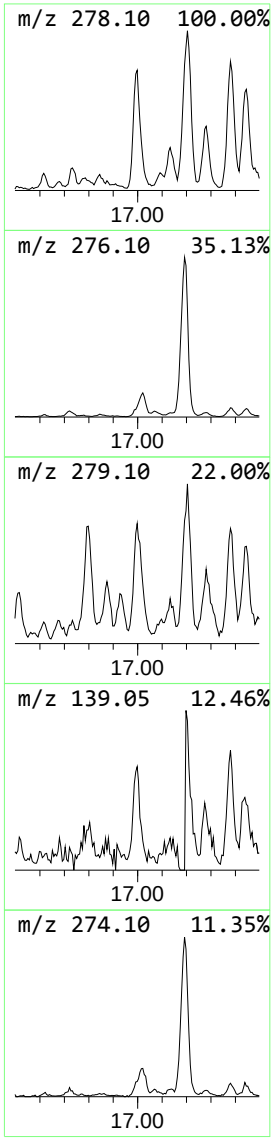
Peak Number 16 Benzo[b]triphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.998	6.84 ng	348170	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	94
2	Benzo[b]chrysene	278	C22H14	000214-17-5	90
3	Pentaphene	278	C22H14	000222-93-5	90
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	87
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	81





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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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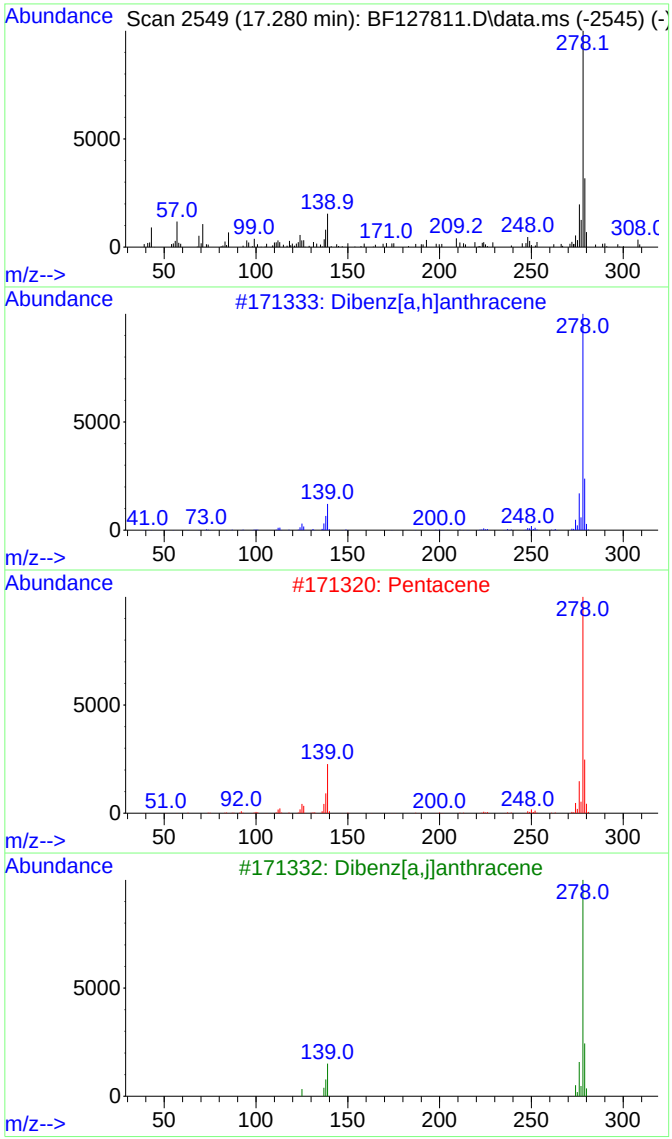
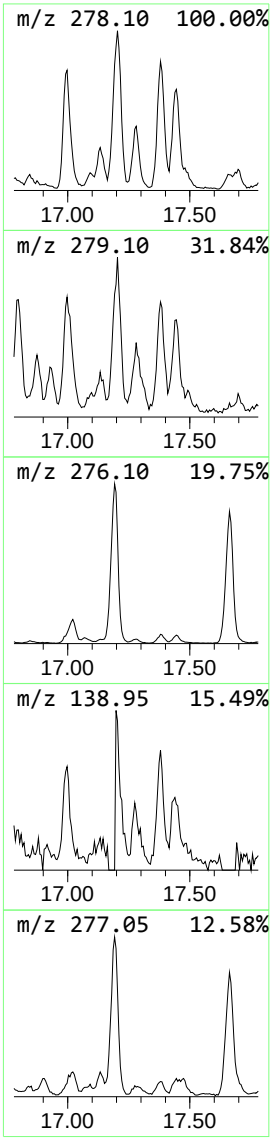
Peak Number 17 Pentaphene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.280	2.79 ng	142238	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	76
2	Pentacene	278	C22H14	000135-48-8	76
3	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	76
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	76
5	Pentaphene	278	C22H14	000222-93-5	68





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Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

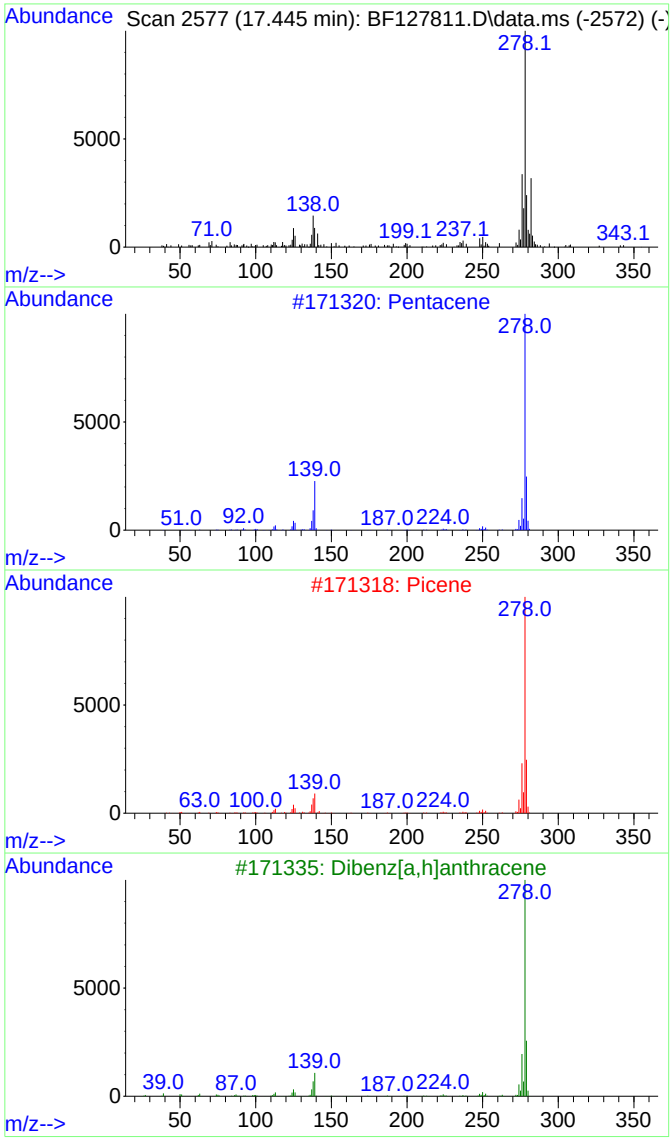
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

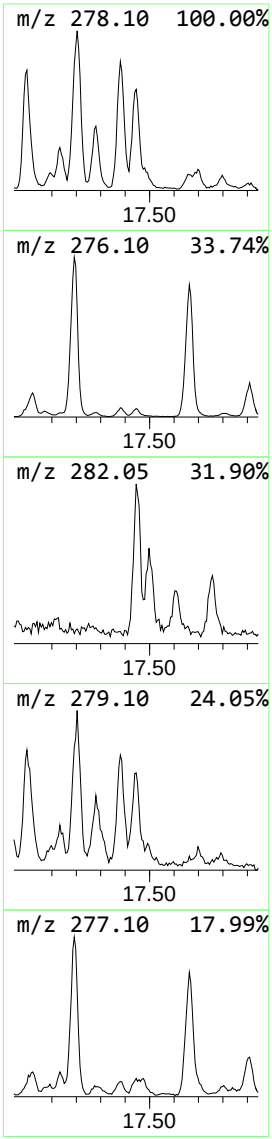
****

Peak Number 19 Pentacene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.445	2.99 ng	152008	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	92
2	Picene	278	C22H14	000213-46-7	91
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	83
4	Benzo[b]chrysene	278	C22H14	000214-17-5	58
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

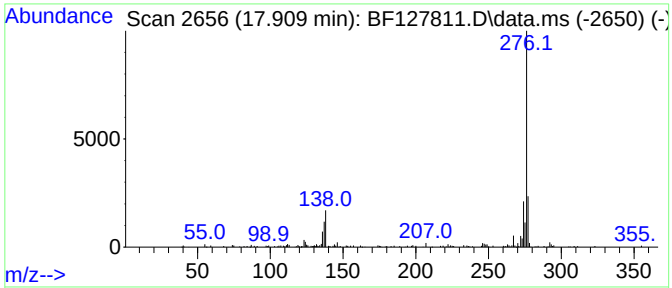
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

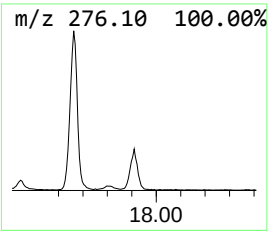
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

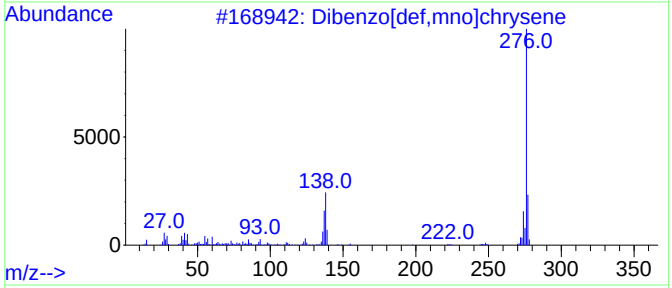
****
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 10

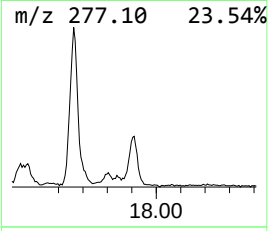
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.909	3.62 ng	184244	Perylene-d12	15.645

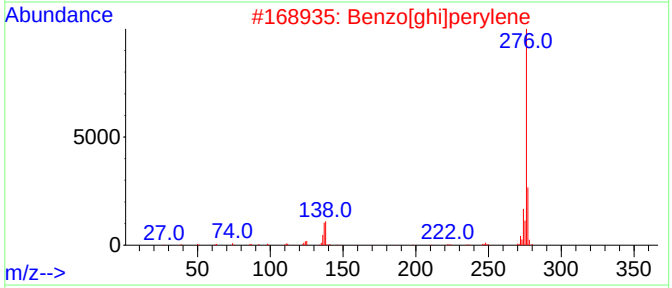
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	91
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	53

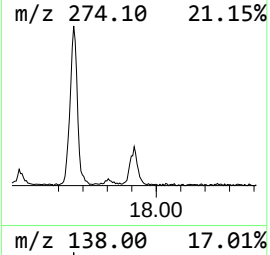


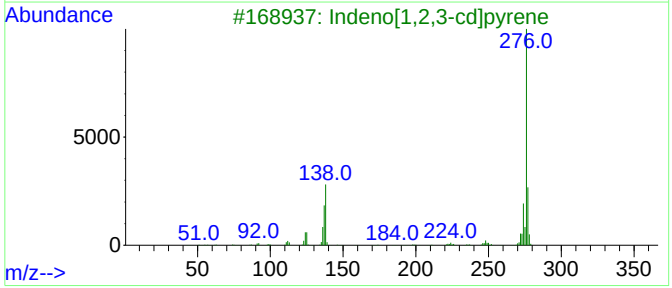


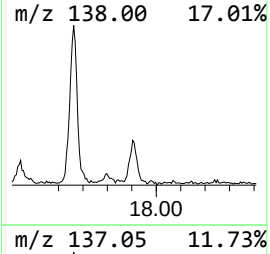


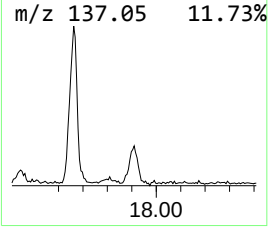












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127811.D
Acq On : 15 Apr 2022 18:54
Operator : CG\JU
Sample : N2392-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-212

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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
9H-Fluorene, 2-...	11.086	3.1	ng	185678	4	11.480	1203390	20.0
4-(4-Methylphen...	11.328	2.9	ng	175138	4	11.480	1203390	20.0
Dibenzothiophene	11.375	4.7	ng	280109	4	11.480	1203390	20.0
Anthracene, 2-m...	11.980	6.6	ng	398003	4	11.480	1203390	20.0
Phenanthrene, 2...	12.010	6.9	ng	417683	4	11.480	1203390	20.0
4H-Cyclopenta[d...	12.098	12.0	ng	719720	4	11.480	1203390	20.0
Naphthalene, 2-...	12.280	4.4	ng	267075	4	11.480	1203390	20.0
9,10-Anthracene...	12.304	2.7	ng	161608	4	11.480	1203390	20.0
Cyclopenta(def)...	12.621	2.9	ng	174440	4	11.480	1203390	20.0
11H-Benzo[b]flu...	13.257	2.7	ng	428225	5	14.127	3169190	20.0
11H-Benzo[a]flu...	13.969	3.0	ng	472722	5	14.127	3169190	20.0
Benzo[e]pyrene	15.515	20.3	ng	1031690	6	15.645	1018210	20.0
Heneicosane	16.127	3.5	ng	178020	6	15.645	1018210	20.0
unknown16.233	16.233	2.7	ng	136880	6	15.645	1018210	20.0
Benzo[b]triphen...	16.998	6.8	ng	348170	6	15.645	1018210	20.0
Pentaphene	17.280	2.8	ng	142238	6	15.645	1018210	20.0
Pentacene	17.445	3.0	ng	152008	6	15.645	1018210	20.0
Dibenzo[def,mno...	17.909	3.6	ng	184244	6	15.645	1018210	20.0