LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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-BF011822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126675.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.304	29	37	44	rVB	282080	374913	11.35%	0.736%
2	3.575	244	253	260	rBV	162716	364266	11.03%	0.715%
3	5.204	526	530	537	rVB	61081	72128	2.18%	0.142%
4	5.587	589	595	598	rBV	3208688	3234374	97.90%	6.346%
5	6.581	758	764	767	rBV	3082490	3303674	100.00%	6.482%
6	6.963	825	829	832	rBV	904434	699101	21.16%	1.372%
7	7.528	919	925	928	rBV	2119416	2193876	66.41%	4.304%
8	8.245	1043	1047	1050	rBV	1082486	890941	26.97%	1.748%
9	9.322	1225	1230	1233	rBV	3598695	3049582	92.31%	5.983%
10	9.657	1283	1287	1290	rBV	84649	83261	2.52%	0.163%
11	9.863	1319	1322	1328	rBV	262343	235826	7.14%	0.463%
12	10.004	1336	1346	1349	rBV	1110599	921441	27.89%	1.808%
13	10.033	1349	1351	1354	rVB	94980	83182	2.52%	0.163%
14	10.204	1374	1380	1384	rBV2	91356	94914	2.87%	0.186%
15	10.551	1436	1439	1445	rVB	189730	174809	5.29%	0.343%
16	10.710	1461	1466	1474	rVB4	48061	74153	2.24%	0.145%
17	10.792	1476	1480	1483	rBV	1971027	1636975	49.55%	3.212%
18	10.916	1496	1501	1504	rVB4	102894	144207	4.37%	0.283%
19	11.098	1528	1532	1535	rBV2	83552	111258	3.37%	0.218%
20	11.351	1571	1575	1577	rVV2	79090	89764	2.72%	0.176%
21	11.392	1577	1582	1586	rVB2	111052	133128	4.03%	0.261%
22	11.498	1596	1600	1602	rBV	799154	817177	24.74%	1.603%
23	11.521	1602	1604	1607	rVV	1608493	1197959	36.26%	2.350%
24	11.569	1609	1612	1615	rVV	315389	272637	8.25%	0.535%
25	11.721	1635	1638	1642	rBV	64162	67919	2.06%	0.133%
26	11.827	1654	1656	1661	rVB2	91687	78498	2.38%	0.154%
27	11.880	1661	1665	1668	rBV	356587	279940	8.47%	0.549%
28	11.998	1681	1685	1688	rBV	347369	352458	10.67%	0.692%
29	12.027	1688	1690	1693	rVB	443754	327473	9.91%	0.642%
30	12.074	1693	1698	1701	rBV	104510	103001	3.12%	0.202%
31	12.110	1701	1704	1707	rVV2	500578	588390	17.81%	1.154%
32	12.133	1707	1708	1711	rVB	268745	148826	4.50%	0.292%
33	12.186	1713	1717	1722	rBV4	64878	79441	2.40%	0.156%
34	12.292	1732	1735	1737	rVV2	205011	181865	5.50%	0.357%
35	12.316	1737	1739	1743	rVV2	177150	160721	4.86%	0.315%
36	12.445	1759	1761	1763	rVV	87446	77977	2.36%	0.153%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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-BF011822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.474	1763	1766	1768	rVV	145782	130040	3.94%	0.255%
38	12.498	1768	1770	1772	rVB	98233	76363	2.31%	0.150%
39	12.533	1772	1776	1780	rBV2	842425	1035819	31.35%	2.032%
40	12.568	1780	1782	1784	rVV	648719	630627	19.09%	1.237%
41	12.592	1784	1786	1791	rVV2	890255	844981	25.58%	1.658%
42	12.633	1791	1793	1798	rVV2	212249	261186	7.91%	0.512%
43	12.674	1798	1800	1803	rVV2	167036	138499	4.19%	0.272%
44	12.716	1803	1807	1811	rVV	2476171	2256953	68.32%	4.428%
45	12.757	1811	1814	1816	rVV	80778	90542	2.74%	0.178%
46	12.810	1820	1823	1825	rVV	119253	110186	3.34%	0.216%
47	12.839	1825	1828	1830	rVV3	63767	70865	2.15%	0.139%
48	12.868	1830	1833	1835	rVV	150751	153736	4.65%	0.302%
49	12.951	1840	1847	1851	rVV	2178825	2528530	76.54%	4.961%
50	12.992	1851	1854	1858	rVB2	137738	172448	5.22%	0.338%
51	13.086	1866	1870	1873	rVB	2384037	2025762	61.32%	3.974%
52	13.157	1878	1882	1887	rBV3	210413	344945	10.44%	0.677%
53	13.251	1894	1898	1899	rBV2	170144	211280	6.40%	0.415%
54	13.268	1899	1901	1905	rVB	370221	365306	11.06%	0.717%
55	13.339	1905	1913	1915	rBV	294004	316549	9.58%	0.621%
56	13.374	1915	1919	1922	rBV2	323491	303654	9.19%	0.596%
57	13.468	1932	1935	1937	rBV	255577	188891	5.72%	0.371%
58	13.498	1937	1940	1943	rVB	202792	170727	5.17%	0.335%
59	13.651	1962	1966	1967	rBV4	61292	71497	2.16%	0.140%
60	13.751	1980	1983	1985	rBV3	58230	69244	2.10%	0.136%
61	13.780	1985	1988	1992	rVB	222297	243680	7.38%	0.478%
62	13.839	1996	1998	2001	rVB	73679	65076	1.97%	0.128%
63	13.892	2001	2007	2010	rBV3	288752	421445	12.76%	0.827%
64	13.921	2010	2012	2014	rVV	230322	186500	5.65%	0.366%
65	13.945	2014	2016	2019	rVV2	220027	247185	7.48%	0.485%
66	13.986	2019	2023	2028	rVB2	290184	386877	11.71%	0.759%
67	14.062	2033	2036	2042	rVB3	84607	113594	3.44%	0.223%
68	14.139	2042	2049	2053	rBV2	1596710	2392596	72.42%	4.694%
69	14.174	2053	2055	2060	rVB	1385669	1139562	34.49%	2.236%
70	14.227	2062	2064	2066	rBV2	87972	85528	2.59%	0.168%
71	14.251	2066	2068	2072	rVV	156024	171898	5.20%	0.337%
72	14.286	2072	2074	2079	rVB2	144403	177744	5.38%	0.349%
73	14.368	2084	2088	2091	rVV2	105144	160420	4.86%	0.315%
74	14.398	2091	2093	2096	rVB2	89366	81703	2.47%	0.160%
75	14.533	2111	2116	2119	rVV	364209	449051	13.59%	0.881%
76	14.568	2119	2122	2126	rVV2	250750	244077	7.39%	0.479%

LSC Area Percent Report

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Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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-BF011822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.610	2126	2129	2130	rVV2	96064	113572	3.44%	0.223%
78	14.627	2130	2132	2135	rVV2	156975	161513	4.89%	0.317%
79	14.662	2135	2138	2140	rVV	205699	226139	6.85%	0.444%
80	14.686	2140	2142	2146	rVB	156716	133287	4.03%	0.262%
81	14.880	2172	2175	2181	rVB5	72536	123780	3.75%	0.243%
82	14.933	2181	2184	2187	rBV2	72827	88515	2.68%	0.174%
83	15.015	2194	2198	2200	rBV	129696	153931	4.66%	0.302%
84	15.221	2227	2233	2236	rBV	1078073	1777822	53.81%	3.488%
85	15.251	2236	2238	2241	rVB	601154	545668	16.52%	1.071%
86	15.333	2248	2252	2256	rVB	234824	252373	7.64%	0.495%
87	15.427	2264	2268	2274	rBV6	52012	124738	3.78%	0.245%
88	15.545	2283	2288	2294	rVB	715993	934350	28.28%	1.833%
89	15.609	2294	2299	2305	rVV	980784	1221904	36.99%	2.397%
90	15.674	2305	2310	2313	rVV	495915	670166	20.29%	1.315%
91	15.704	2313	2315	2322	rVB2	299089	415347	12.57%	0.815%
92	16.051	2371	2374	2380	rVB	68781	108379	3.28%	0.213%
93	16.174	2391	2395	2399	rBV4	43032	79786	2.42%	0.157%
94	16.262	2407	2410	2420	rVB2	94617	180072	5.45%	0.353%
95	17.233	2569	2575	2586	rVB2	371629	801715	24.27%	1.573%
96	17.427	2603	2608	2613	rBV2	63597	123012	3.72%	0.241%
97	17.492	2615	2619	2622	rVB2	44529	70524	2.13%	0.138%
98	17.709	2648	2656	2665	rBV	299527	613466	18.57%	1.204%
99	17.874	2677	2684	2691	rVB10	31975	93905	2.84%	0.184%
100	17.956	2693	2698	2704	rBV2	60139	119825	3.63%	0.235%

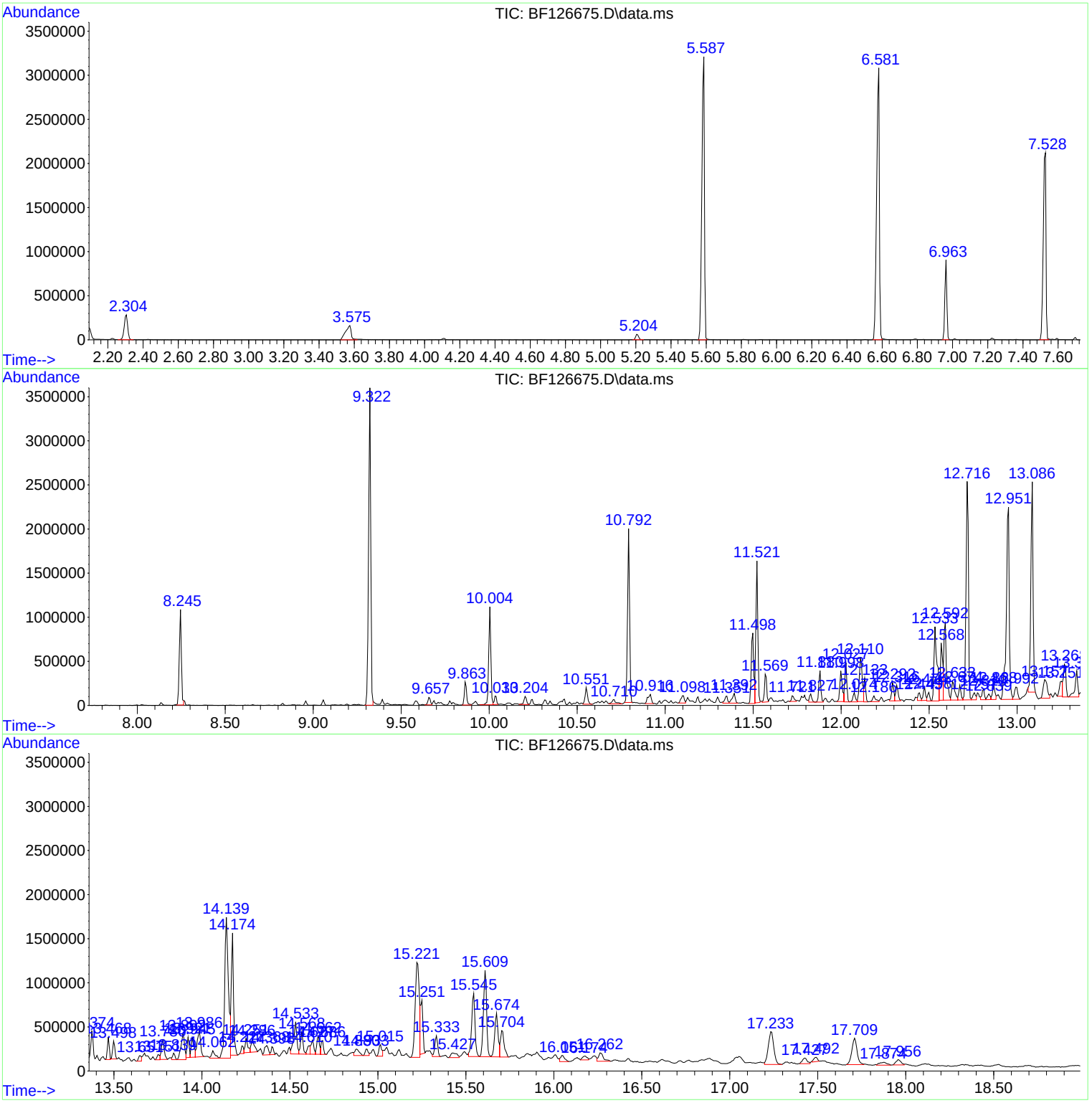
Sum of corrected areas: 50969410

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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\BF012522\
Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

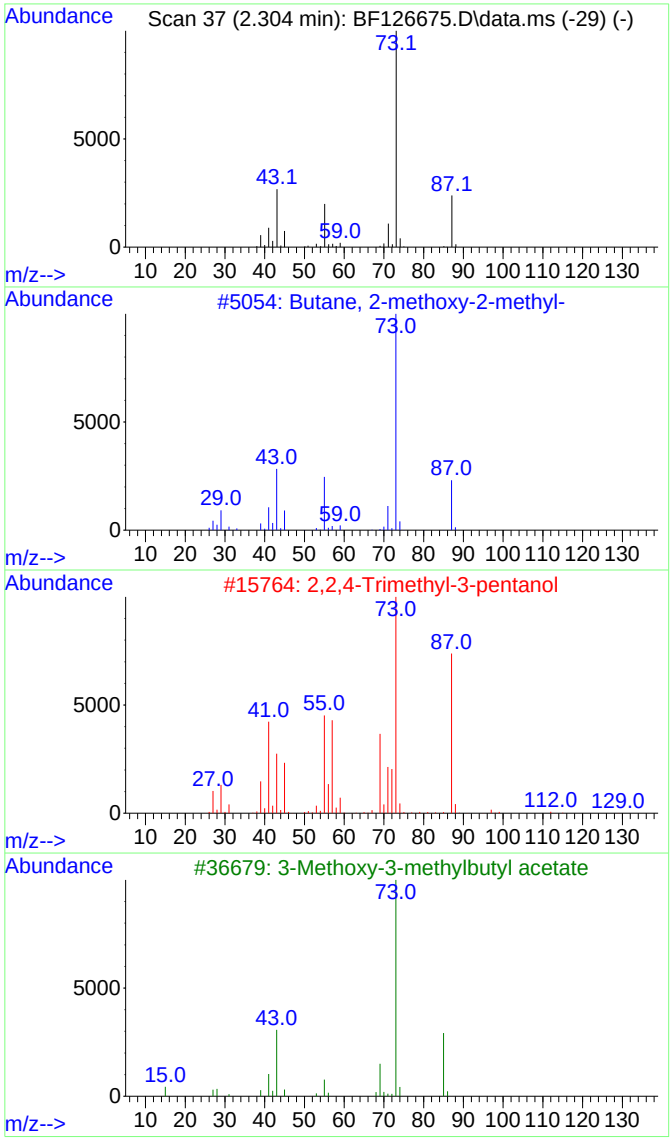
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

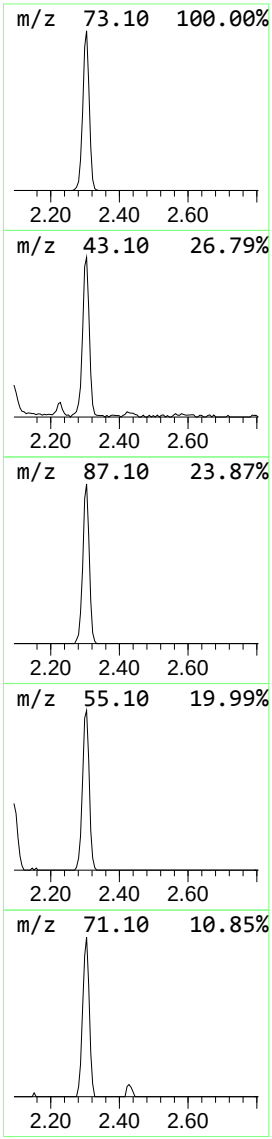
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.304	10.73 ng	374913	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Methoxy-3-methylbutyl acetate	160	C8H16O3	1010430-01-2	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

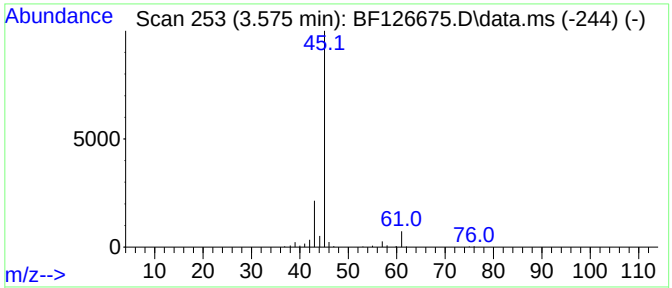
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

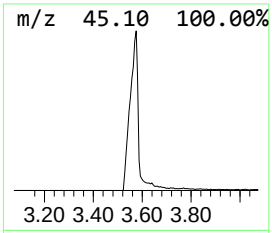
****

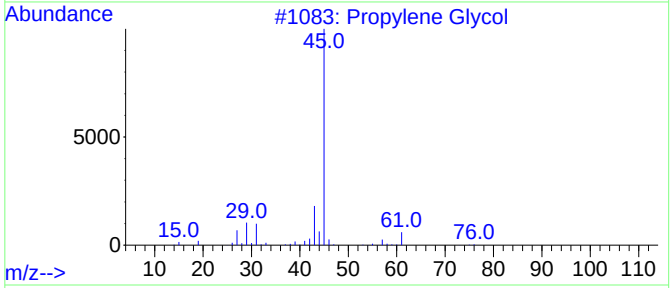
Peak Number 2 Propylene Glycol Concentration Rank 7

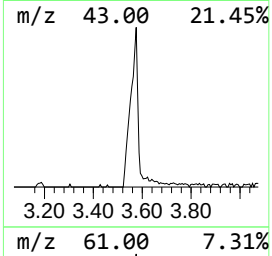
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.575	10.42 ng	364266	1,4-Dichlorobenzene-d4	6.963

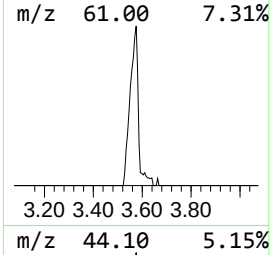
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9

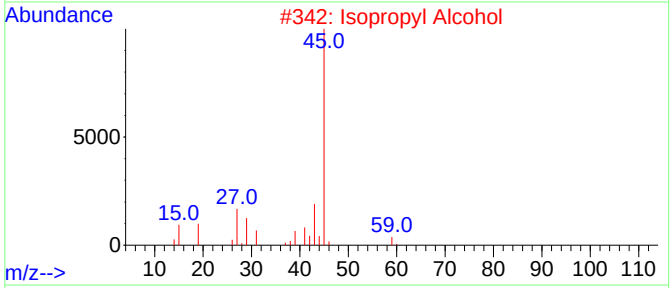


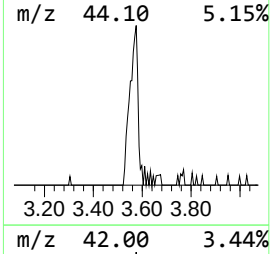


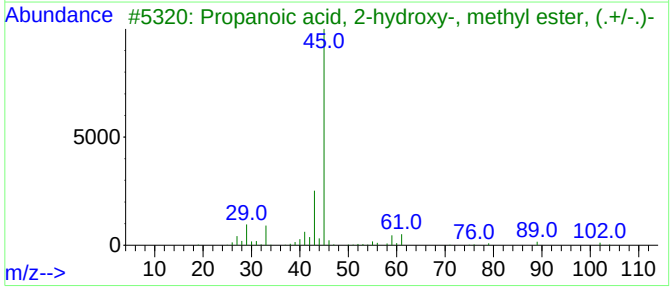


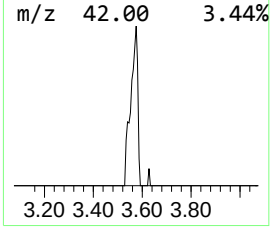












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

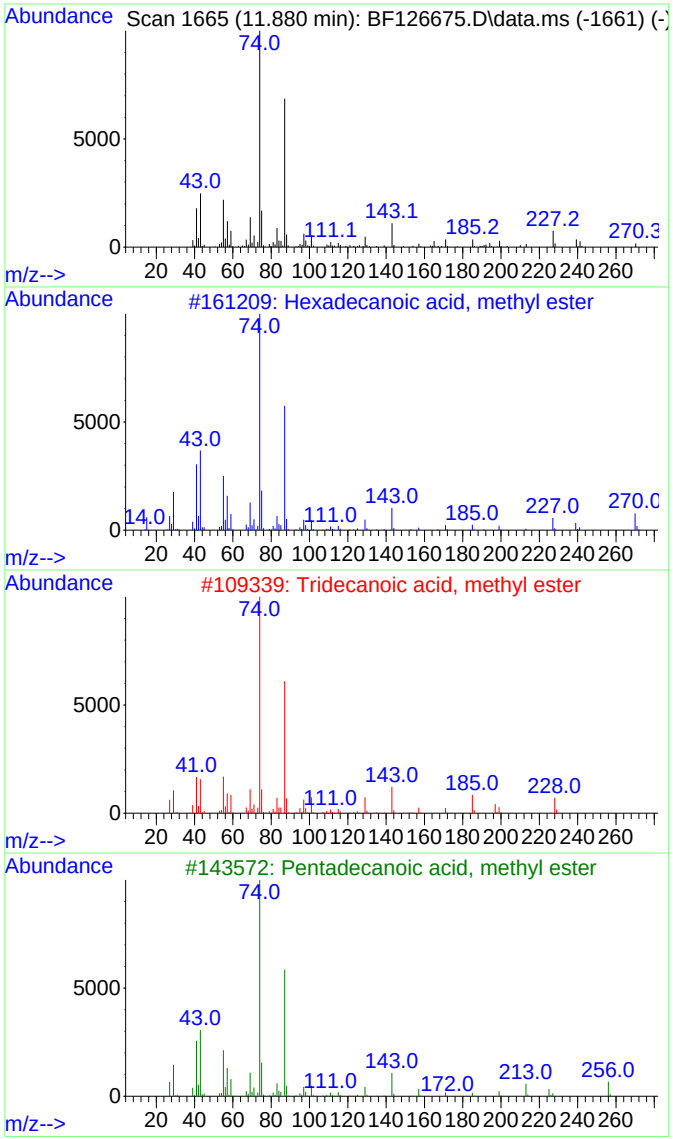
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

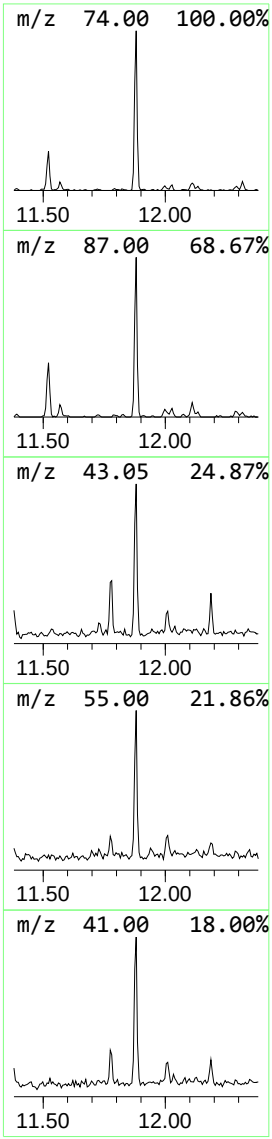
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	6.85 ng	279940	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	83
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

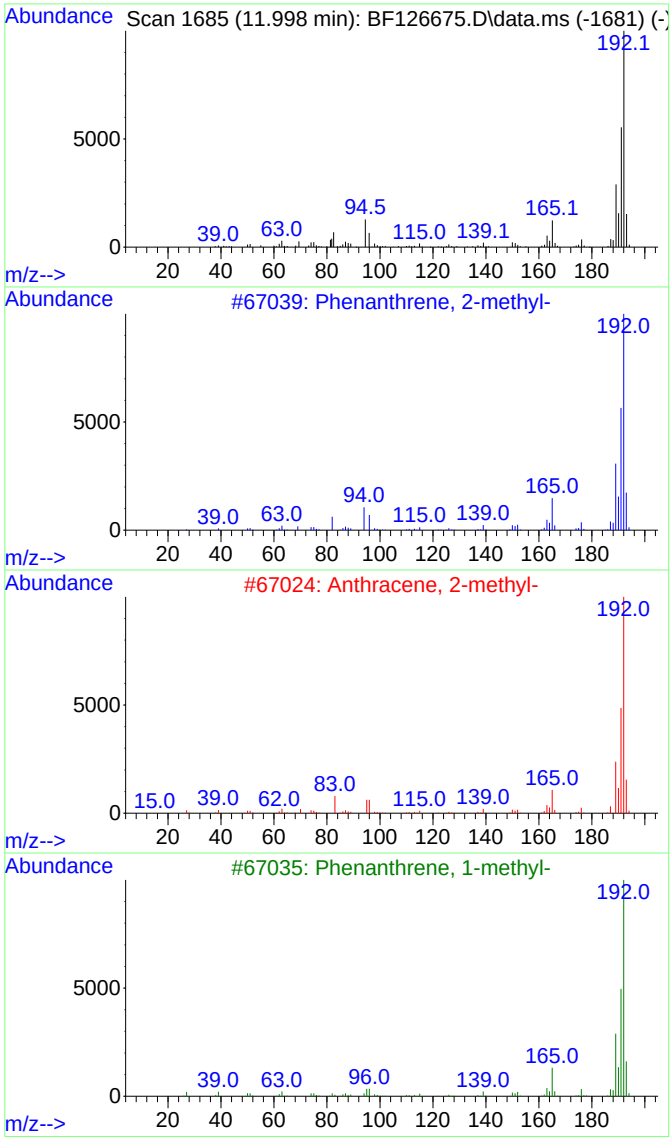
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

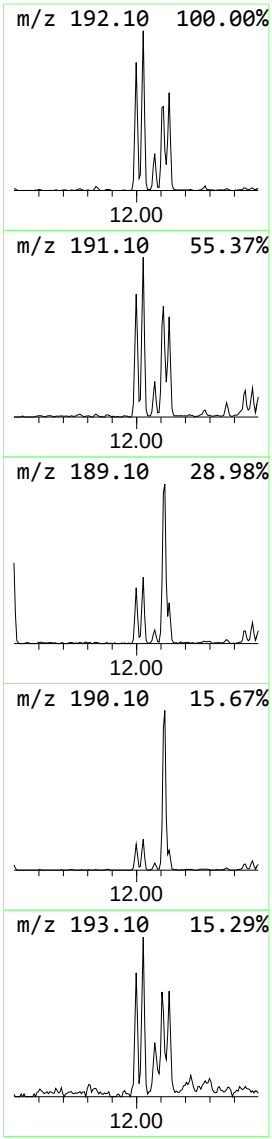
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	8.63 ng	352458	Phenanthrene-d10	11.498

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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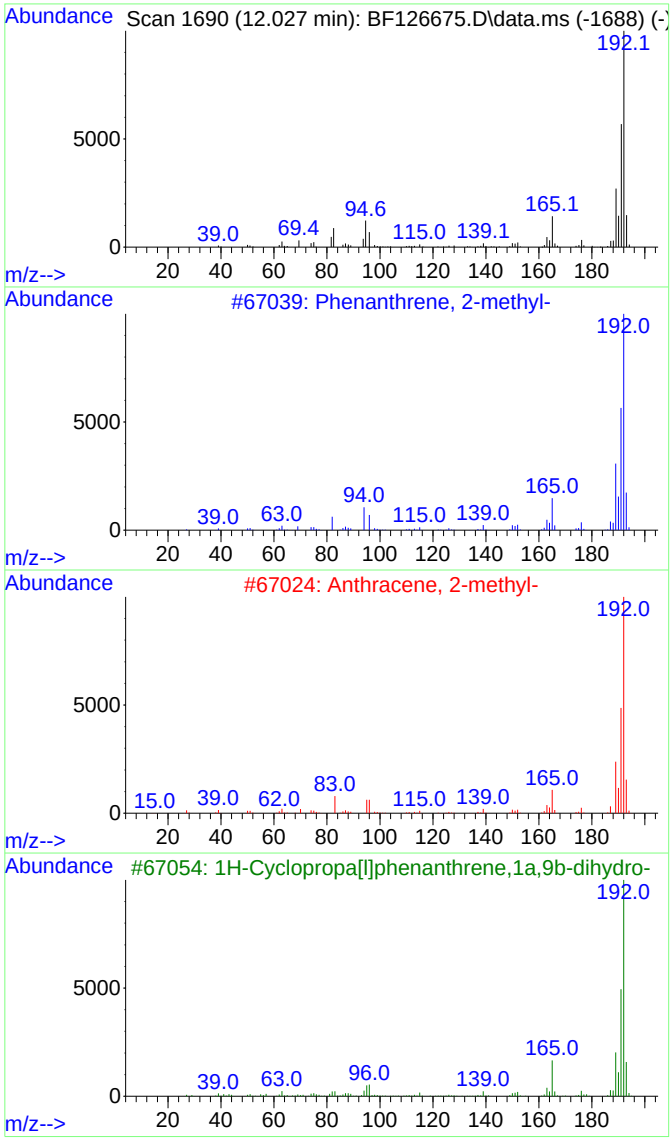
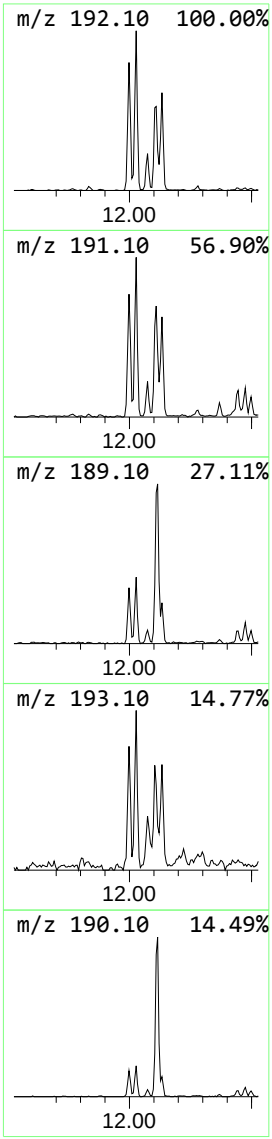
Peak Number 5 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	8.01 ng	327473	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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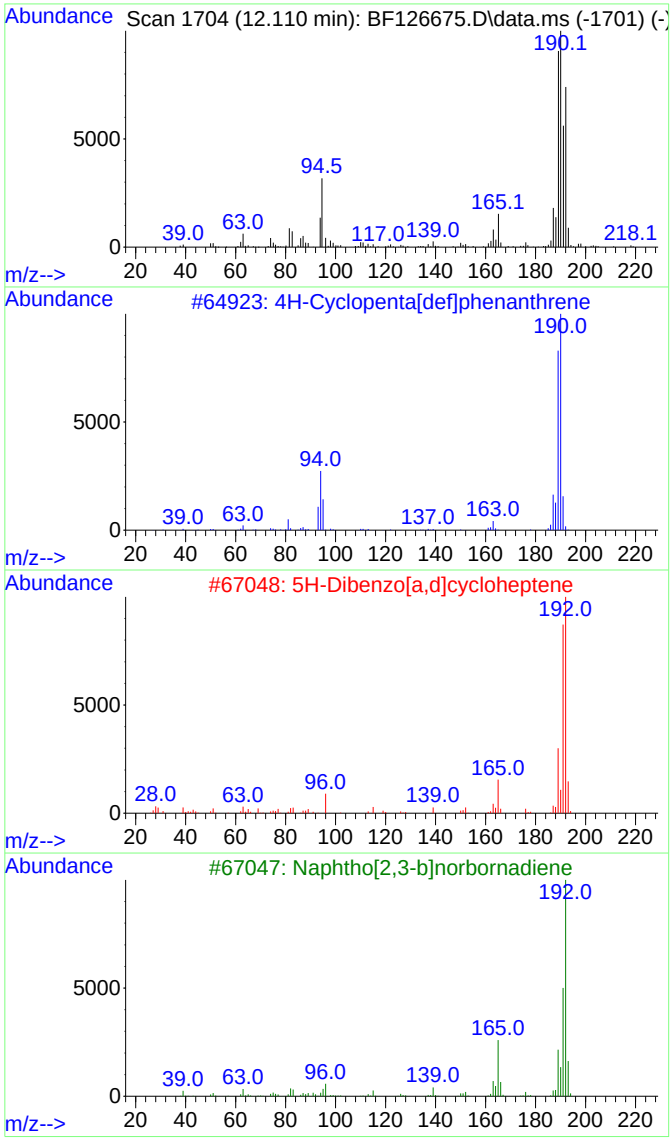
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

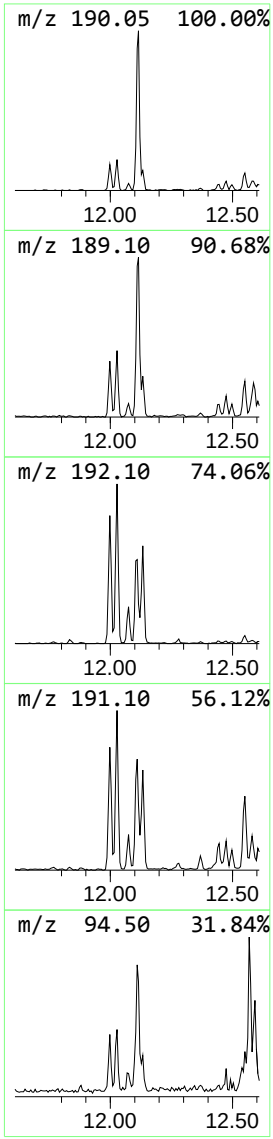
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	14.40 ng	588390	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





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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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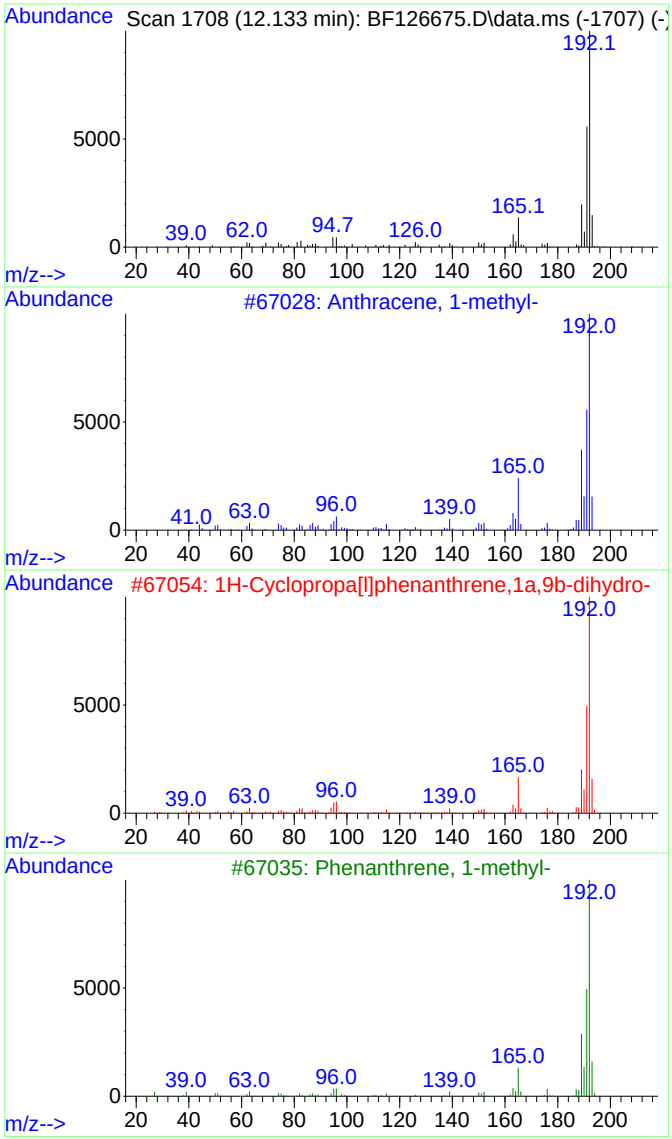
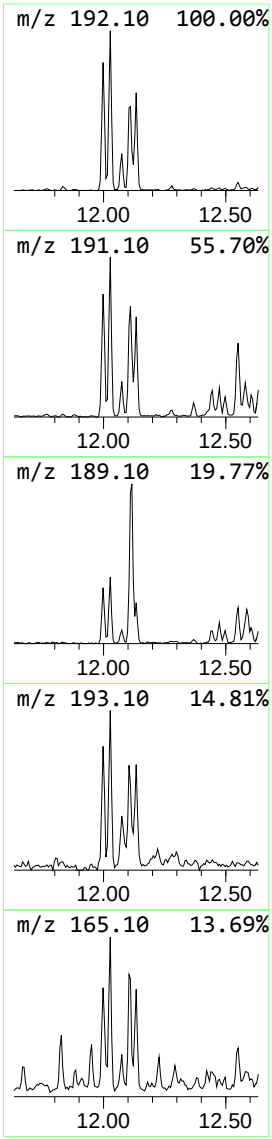
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	3.64 ng	148826	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	74





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Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

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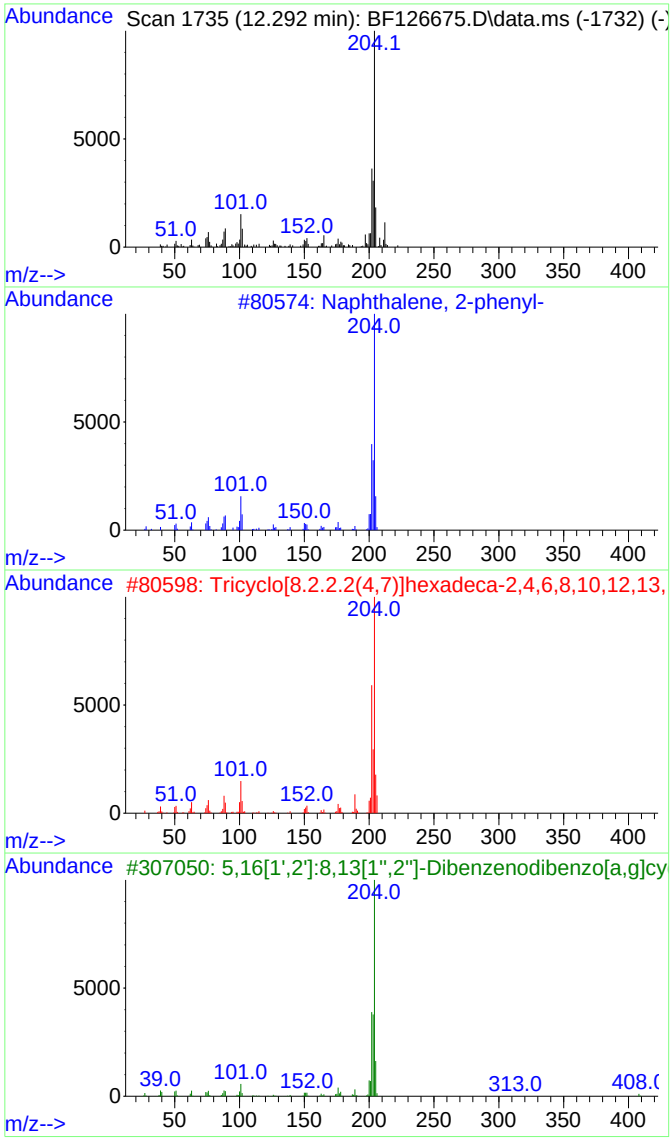
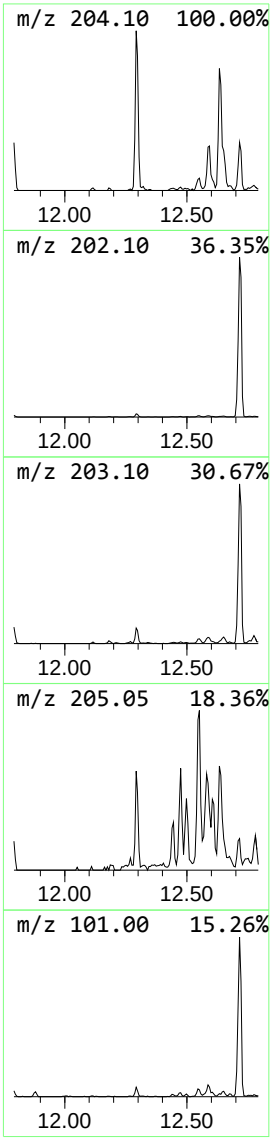
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.292	4.45 ng	181865	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





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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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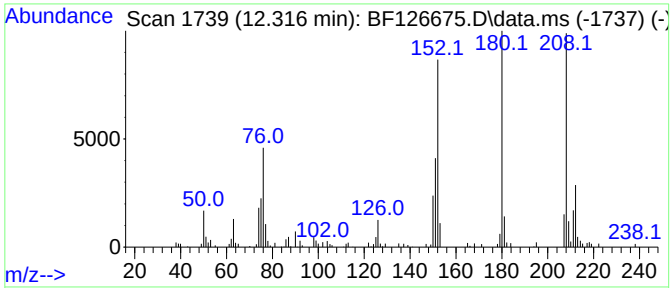
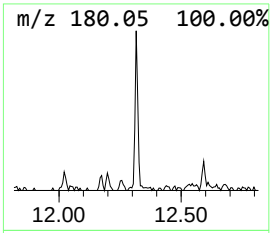
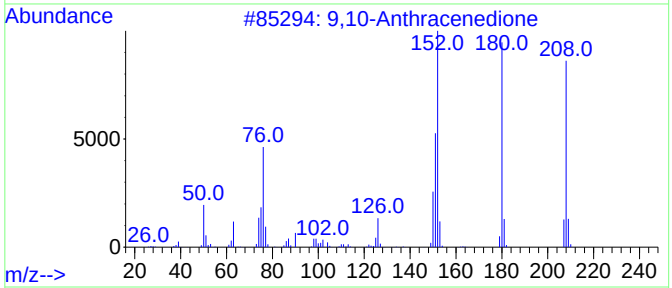
Peak Number 9 9,10-Anthracenedione Concentration Rank 16

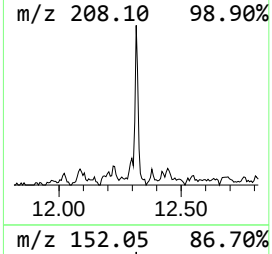
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	3.93 ng	160721	Phenanthrene-d10	11.498

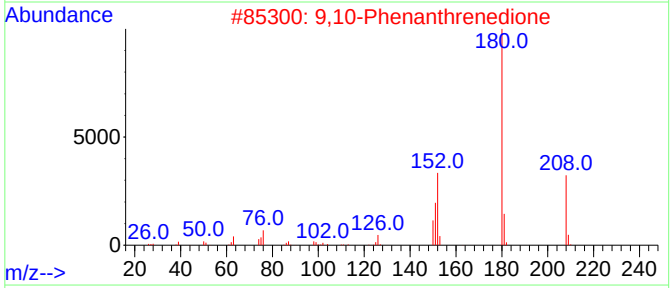
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	89
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55

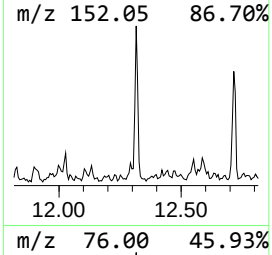


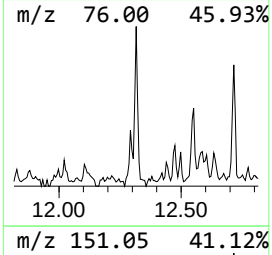


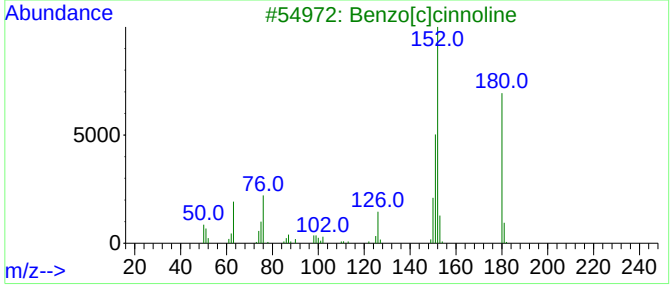


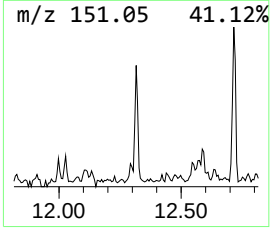












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Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

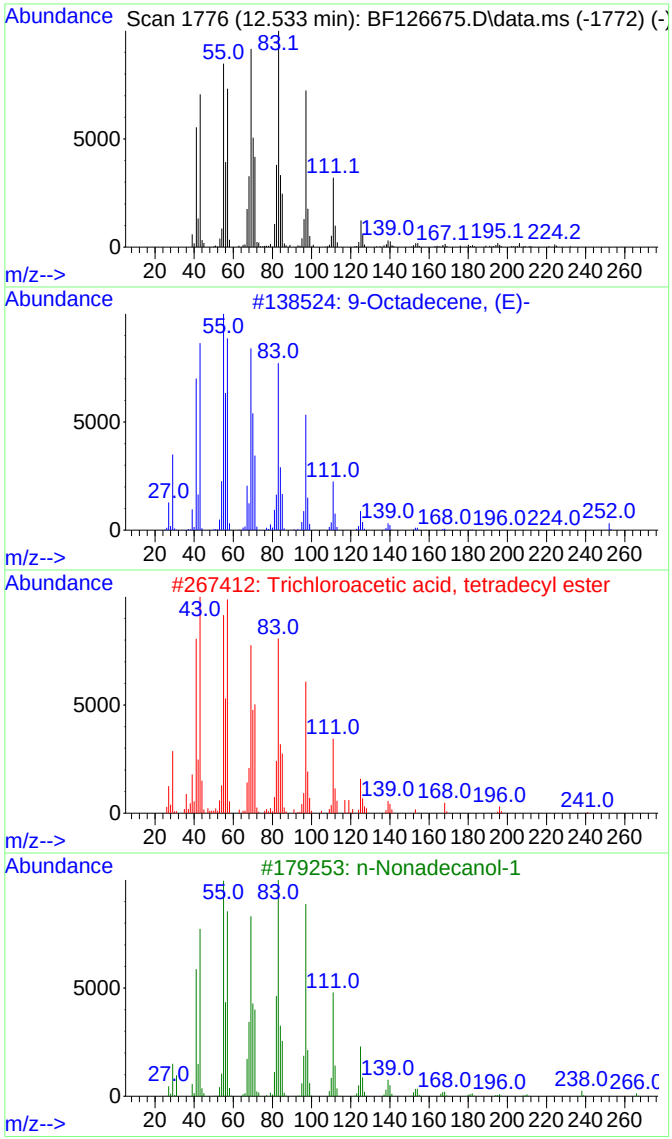
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

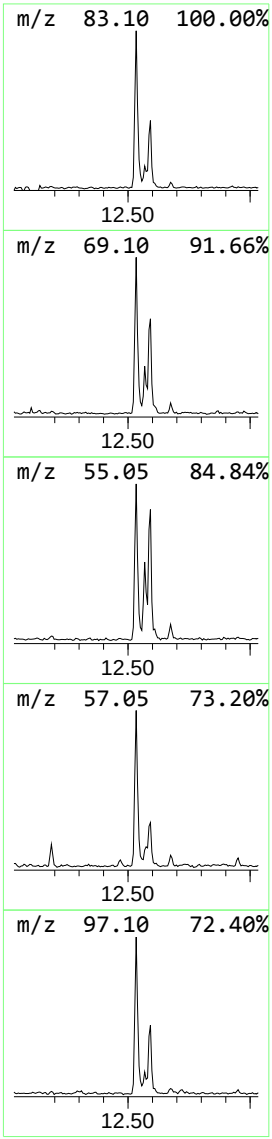
****

Peak Number 10 9-Octadecene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	25.35 ng	1035820	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





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Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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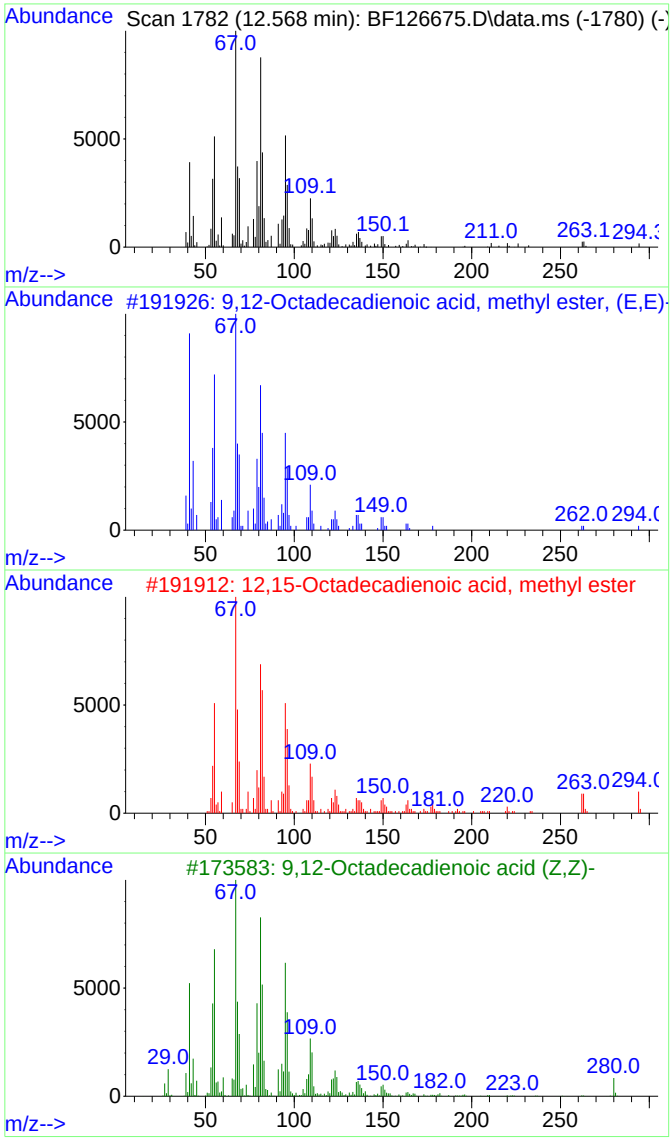
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

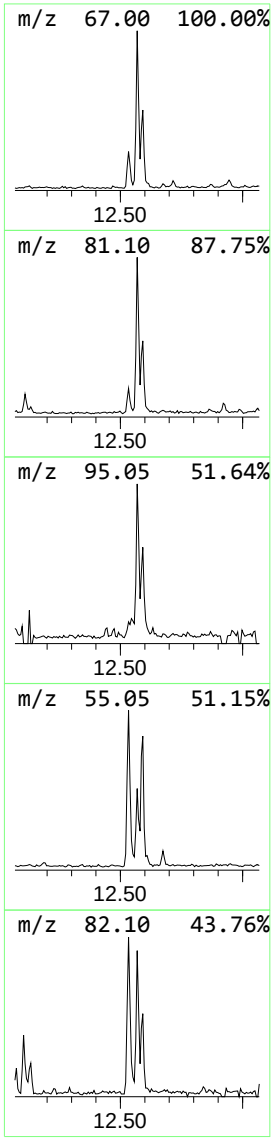
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.569	15.43 ng	630627	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	92
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	81
4	7-Hexadecyne	222	C16H30	074685-28-2	80
5	Linoelaidic acid	280	C18H32O2	000506-21-8	76





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ALS Vial : 23 Sample Multiplier: 1

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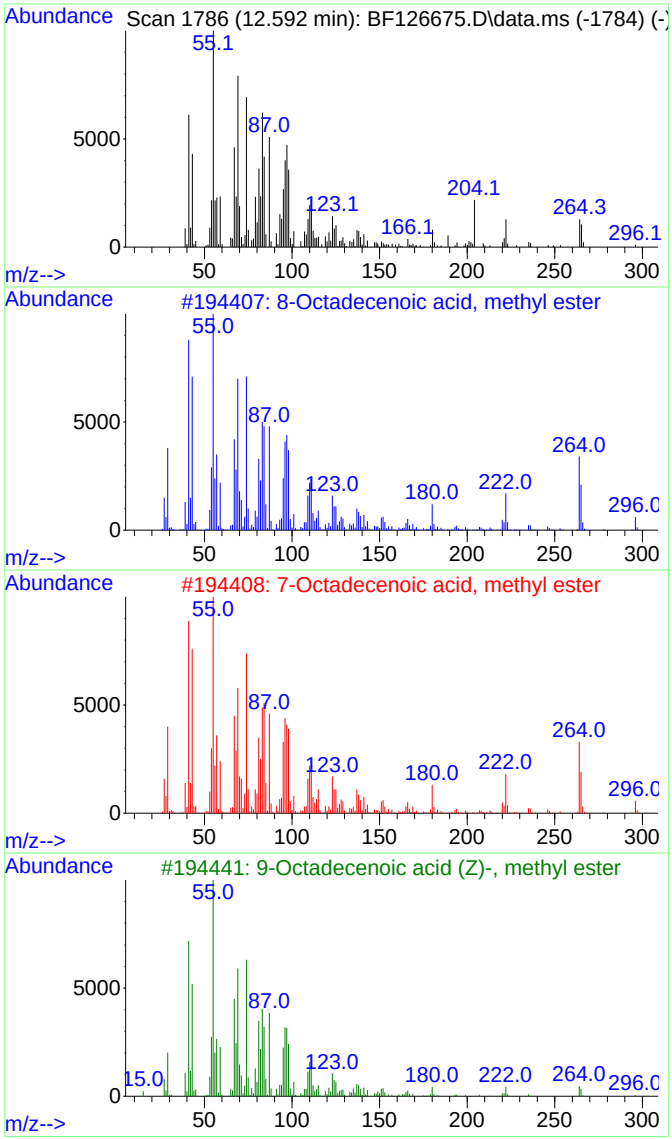
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

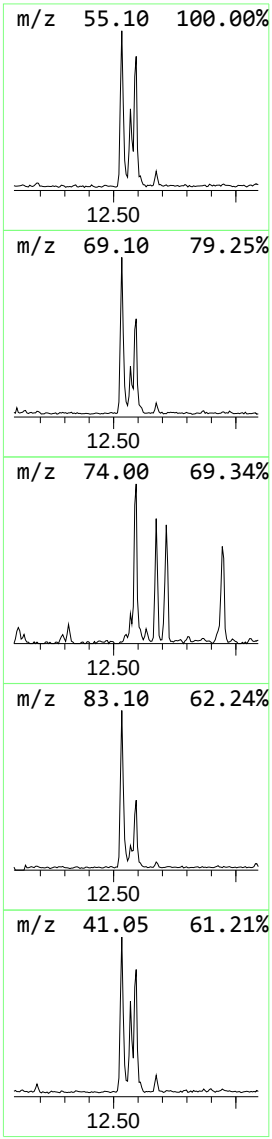
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 8-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	20.68 ng	844981	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	96
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	96
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	95





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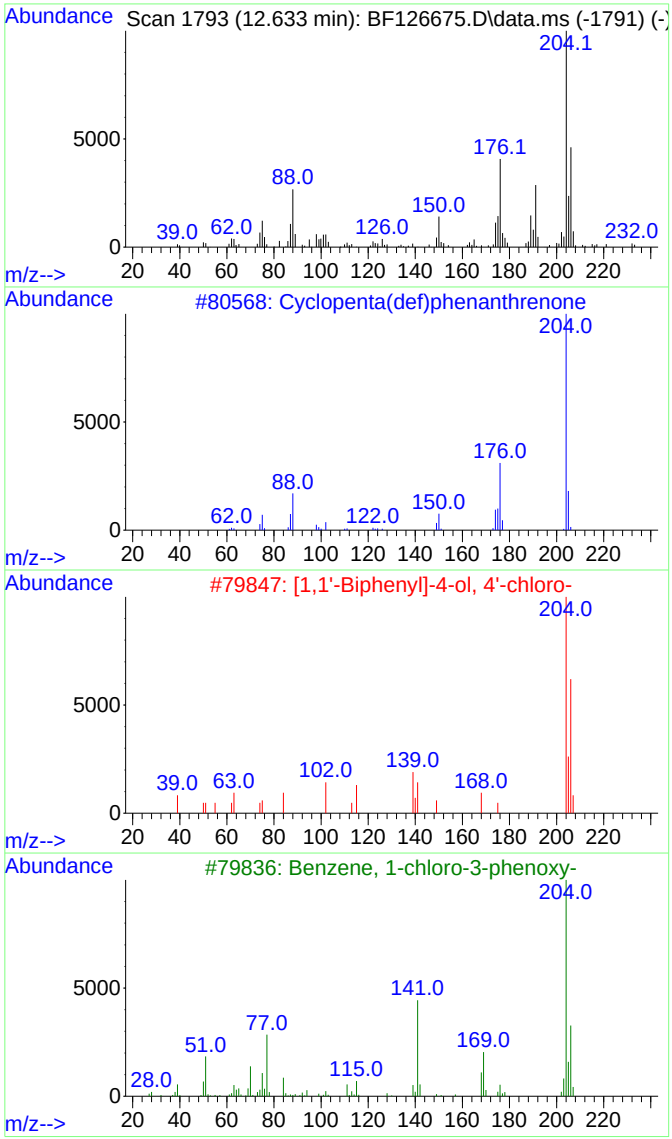
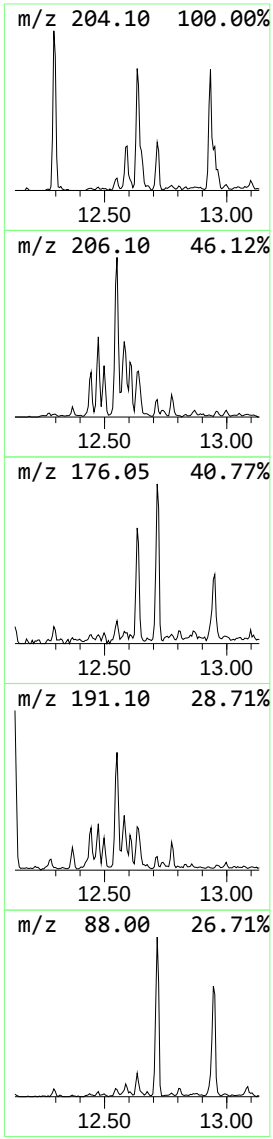
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	6.39 ng	261186	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	41
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38





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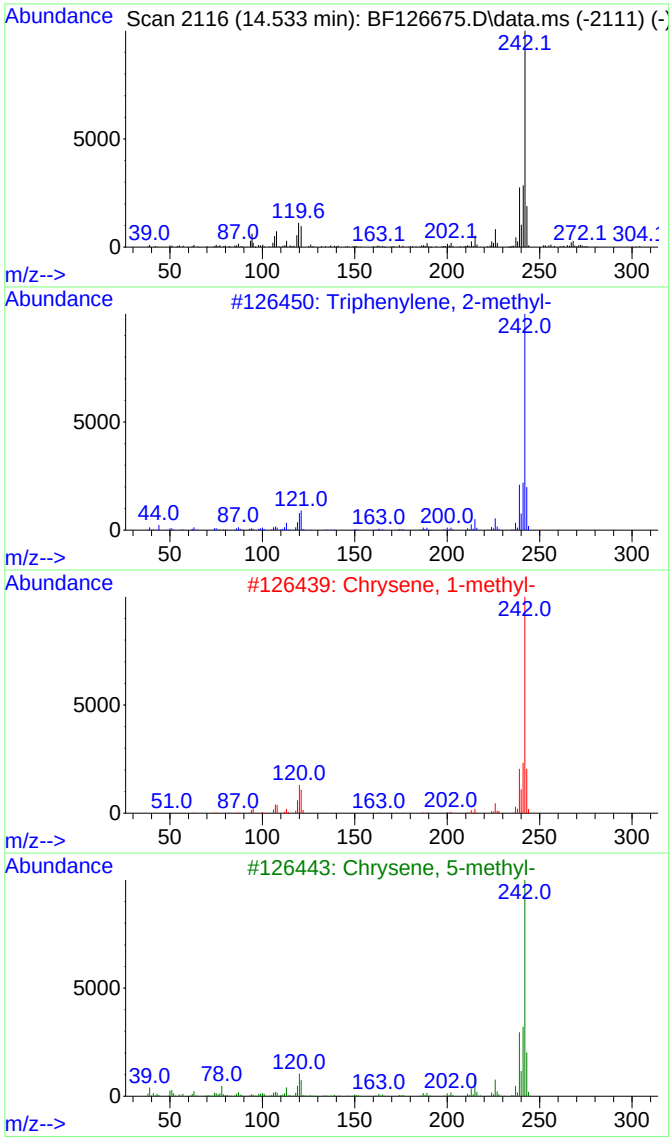
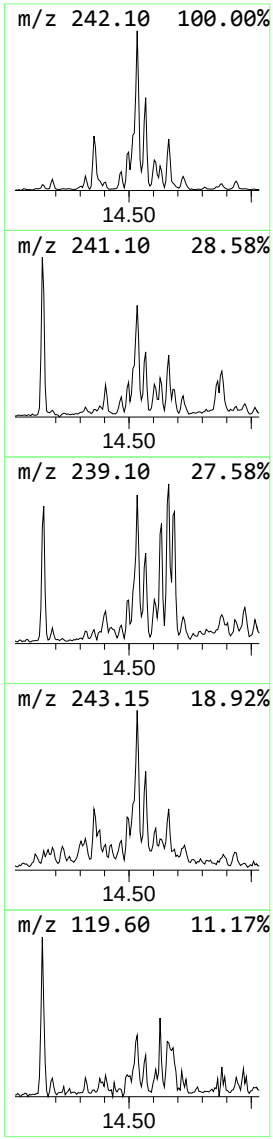
Peak Number 14 Triphenylene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.533	3.75 ng	449051	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
5	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89





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Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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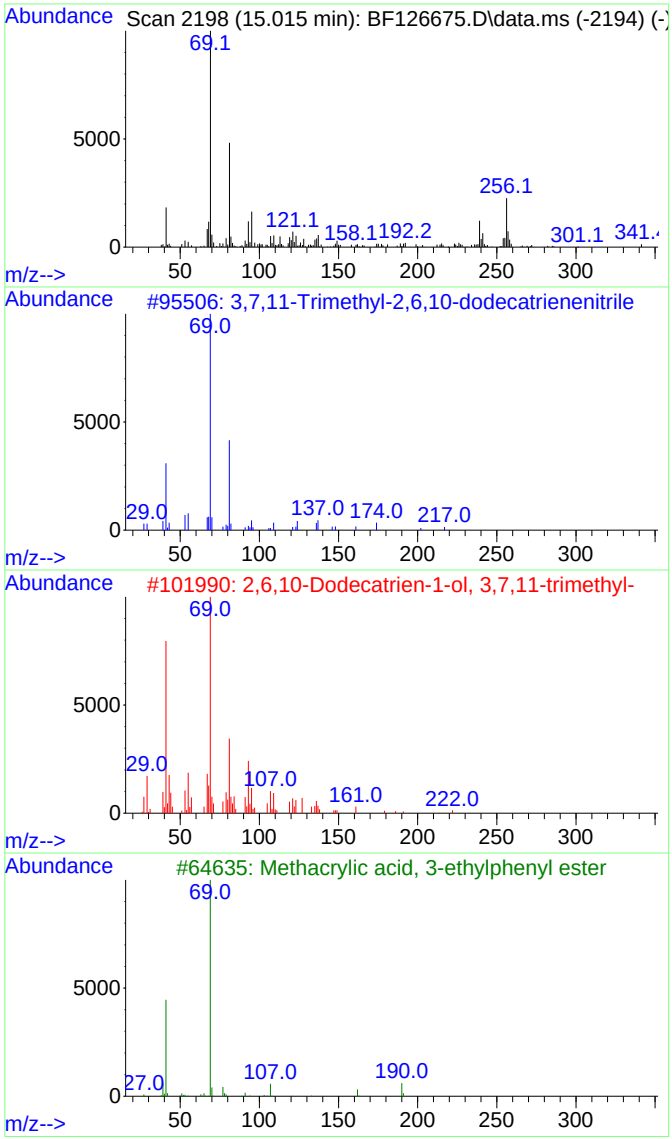
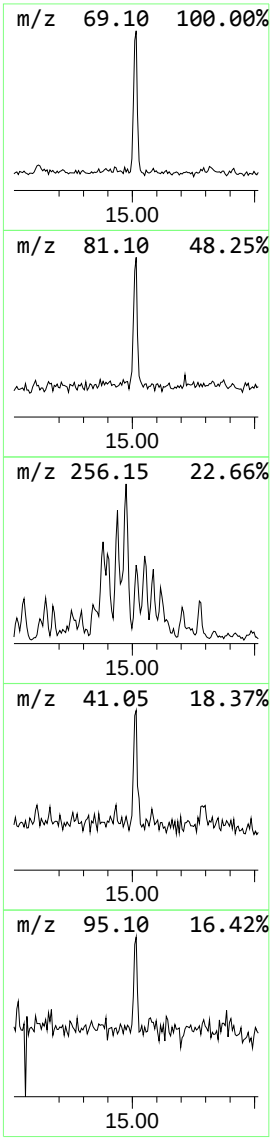
Peak Number 15 unknown15.015 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.015	4.59 ng	153931	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	43
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	43
3	Methacrylic acid, 3-ethylphenyl ...	190	C12H14O2	1000360-69-1	43
4	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	43
5	5-Bromo-1-pentanol	166	C5H11BrO	034626-51-2	43





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Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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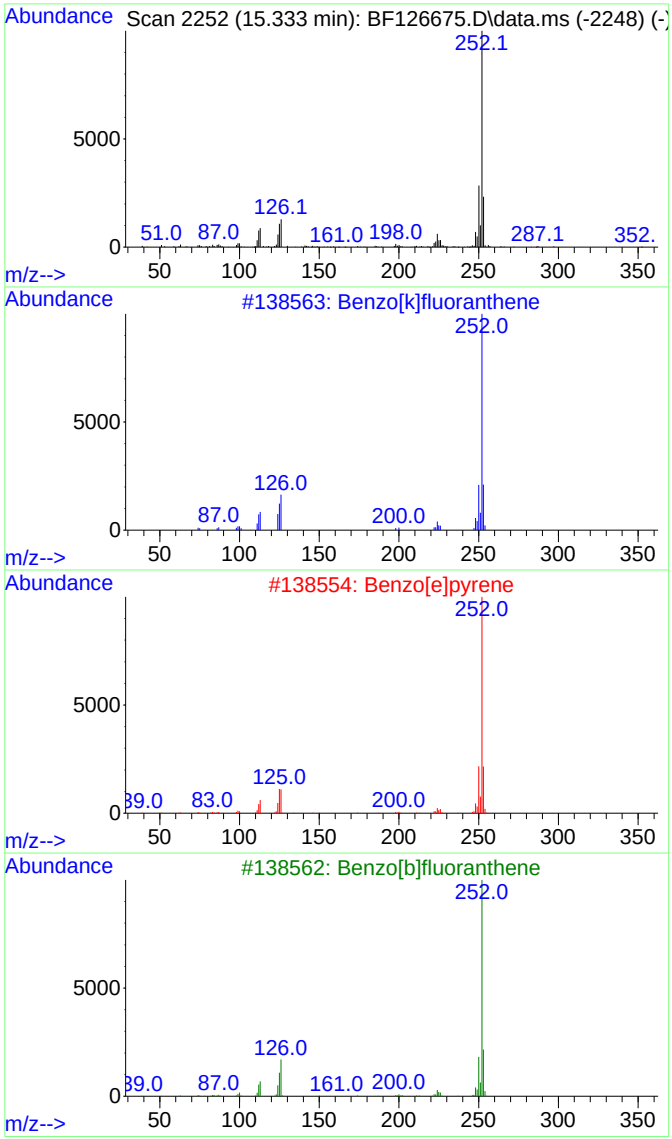
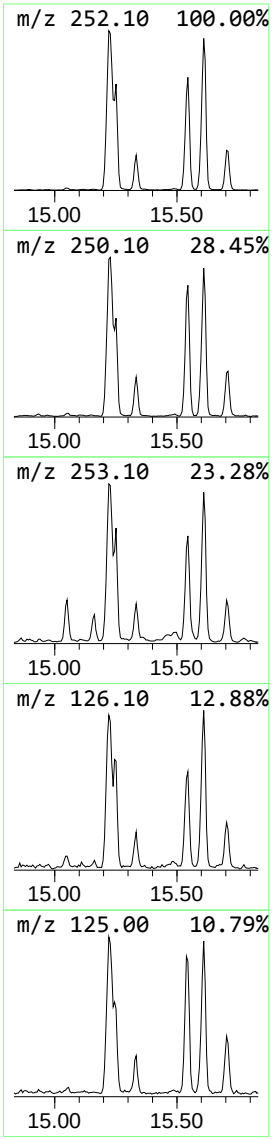
Peak Number 16 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	7.53 ng	252373	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





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Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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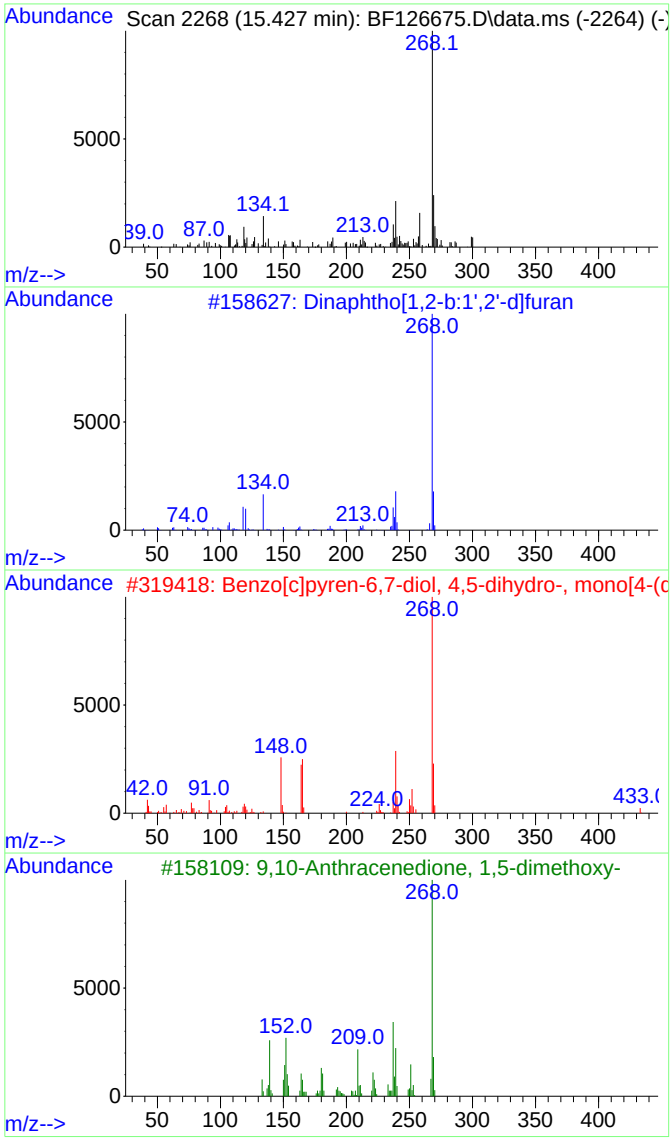
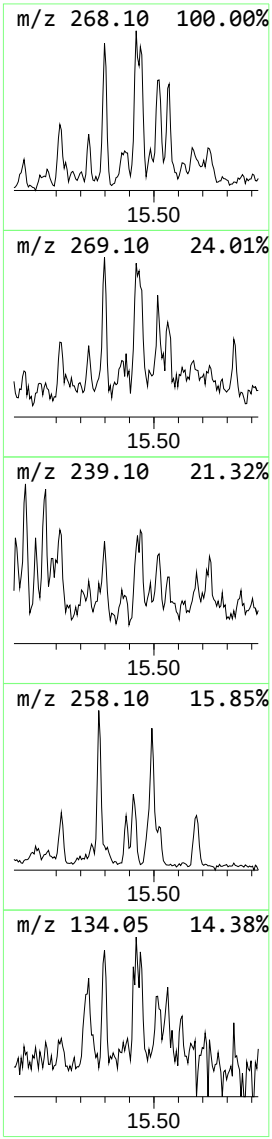
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	3.72 ng	124738	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	89
2	Benzo[c]pyren-6,7-diol, 4,5-dihy...	433	C29H23NO3	1000124-59-9	59
3	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
4	2-(4-Fluorophenyl)imidazo[2,1-b]...	268	C15H9FN2S	007067-87-0	52
5	Disperse Blue 1	268	C14H12N4O2	002475-45-8	52





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Data File : BF126675.D
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Operator : CG/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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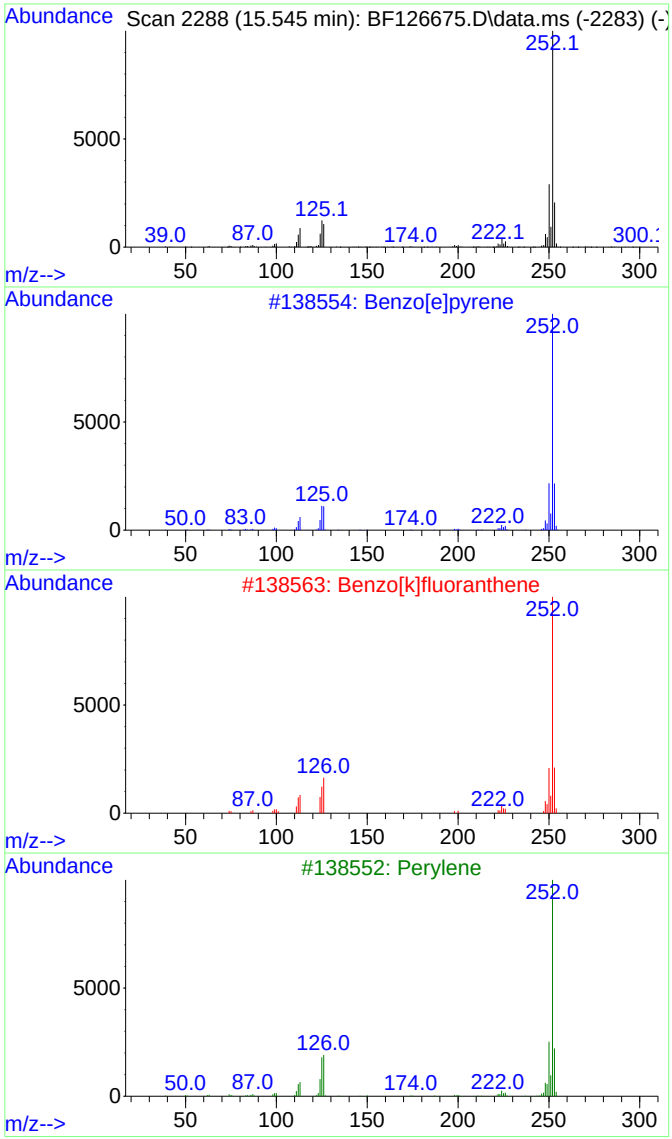
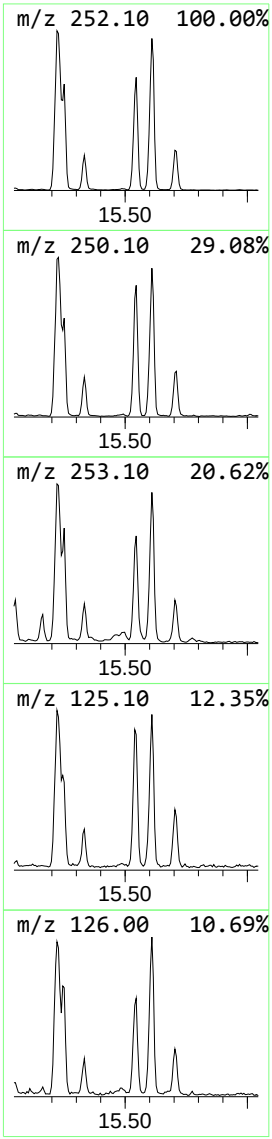
Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	27.88 ng	934350	Perylene-d12	15.674

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	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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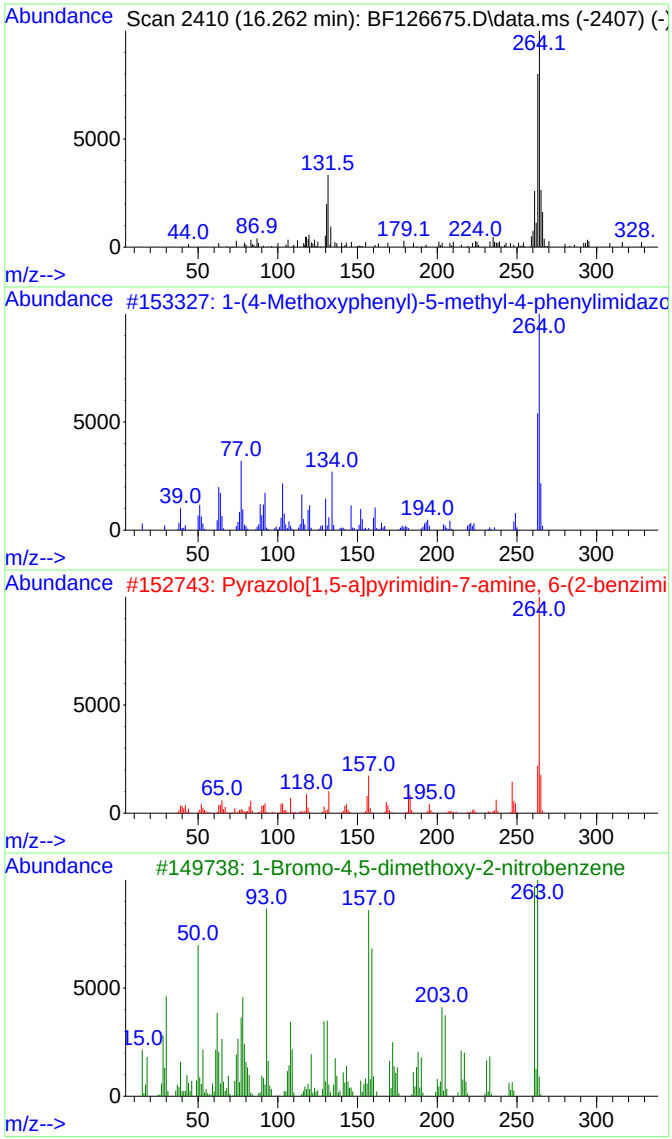
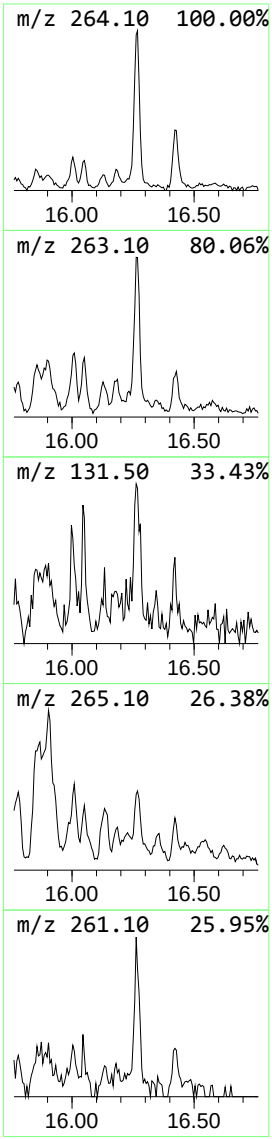
Peak Number 19 unknown16.262 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.262	5.37 ng	180072	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	42
2	Pyrazolo[1,5-a]pyrimidin-7-amine...	264	C14H12N6	1000276-36-9	35
3	1-Bromo-4,5-dimethoxy-2-nitroben...	261	C8H8BrNO4	051072-66-3	35
4	6-Oxo-5-phenyl-2,3,5,6-tetrahydr...	263	C16H13N3O	087365-22-8	27
5	Amfonelic acid	308	C18H16N2O3	015180-02-6	27





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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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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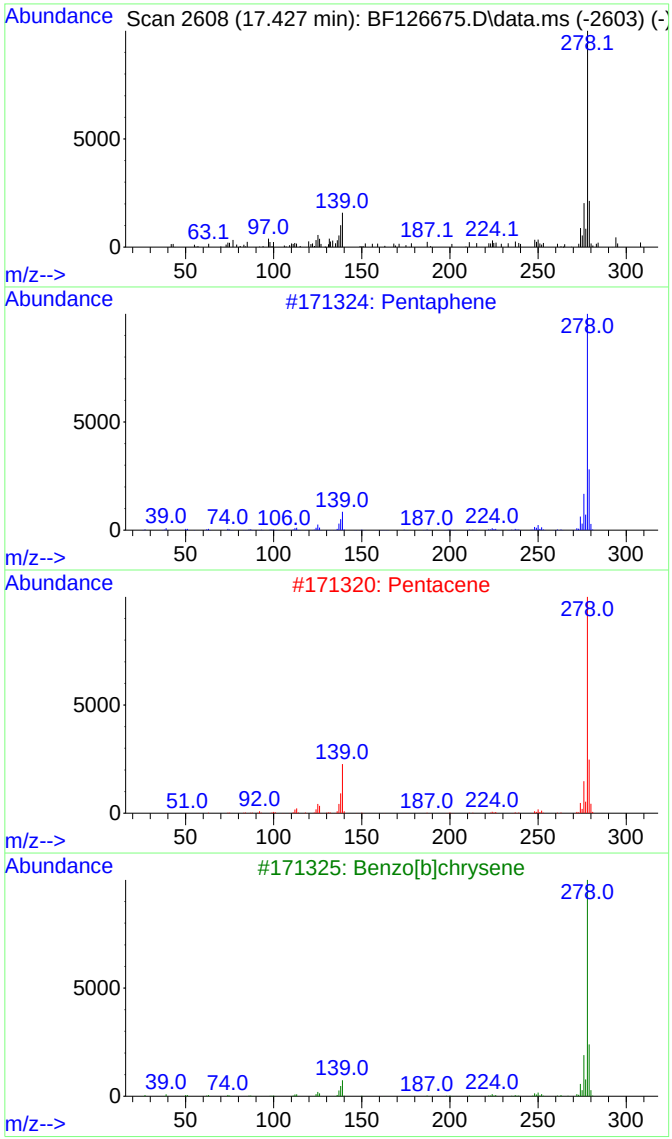
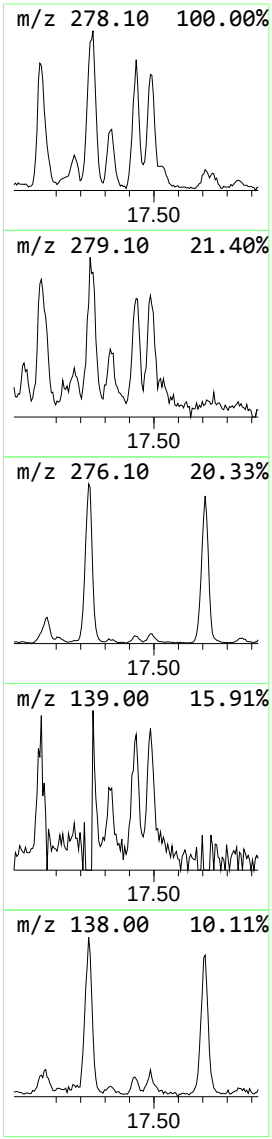
Peak Number 20 Pentaphene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.427	3.67 ng	123012	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaphene	278	C22H14	000222-93-5	90
2	Pentacene	278	C22H14	000135-48-8	86
3	Benzo[b]chrysene	278	C22H14	000214-17-5	81
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	81
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126675.D
Acq On : 25 Jan 2022 20:30
Operator : CG/JU
Sample : N1251-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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
Butane, 2-metho...	2.304	10.7	ng	374913	1	6.963	699101	20.0
Propylene Glycol	3.575	10.4	ng	364266	1	6.963	699101	20.0
Hexadecanoic ac...	11.880	6.8	ng	279940	4	11.498	817177	20.0
Phenanthrene, 2...	11.998	8.6	ng	352458	4	11.498	817177	20.0
Anthracene, 2-m...	12.027	8.0	ng	327473	4	11.498	817177	20.0
4H-Cyclopenta[d...	12.110	14.4	ng	588390	4	11.498	817177	20.0
Anthracene, 1-m...	12.133	3.6	ng	148826	4	11.498	817177	20.0
Naphthalene, 2-...	12.292	4.5	ng	181865	4	11.498	817177	20.0
9,10-Anthracene...	12.316	3.9	ng	160721	4	11.498	817177	20.0
9-Octadecene, (E)-	12.533	25.4	ng	1035820	4	11.498	817177	20.0
9,12-Octadecadi...	12.569	15.4	ng	630627	4	11.498	817177	20.0
8-Octadecenoic ...	12.592	20.7	ng	844981	4	11.498	817177	20.0
Cyclopenta(def)...	12.633	6.4	ng	261186	4	11.498	817177	20.0
Triphenylene, 2...	14.533	3.8	ng	449051	5	14.145	2392600	20.0
unknown15.015	15.015	4.6	ng	153931	6	15.674	670166	20.0
Benzo[e]pyrene	15.333	7.5	ng	252373	6	15.674	670166	20.0
Dinaphtho[1,2-b...	15.427	3.7	ng	124738	6	15.674	670166	20.0
Perylene	15.545	27.9	ng	934350	6	15.674	670166	20.0
unknown16.262	16.262	5.4	ng	180072	6	15.674	670166	20.0
Pentaphene	17.427	3.7	ng	123012	6	15.674	670166	20.0