LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
Acq On : 13 May 2022 17:42
Operator : CG\JU
Sample : N2823-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BF128244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.505	543	547	560	rBV	1162189	1055820	35.41%	2.856%
2	6.157	654	658	661	rBV	273124	225554	7.56%	0.610%
3	6.510	714	718	728	rBV	1122427	1144121	38.37%	3.094%
4	6.881	778	781	785	rBV	431644	369047	12.38%	0.998%
5	7.034	804	807	818	rBV	141480	127442	4.27%	0.345%
6	7.446	873	877	881	rBV	833312	751744	25.21%	2.033%
7	8.169	996	1000	1002	rBV	572563	492273	16.51%	1.331%
8	8.187	1002	1003	1006	rVB	121898	75232	2.52%	0.203%
9	9.240	1178	1182	1185	rVB	1672321	1370949	45.98%	3.708%
10	9.387	1204	1207	1210	rBV	167324	135699	4.55%	0.367%
11	9.804	1271	1278	1282	rBV	143325	191927	6.44%	0.519%
12	9.840	1282	1284	1289	rVB2	77373	67613	2.27%	0.183%
13	9.922	1295	1298	1302	rVB	628968	542608	18.20%	1.468%
14	10.128	1330	1333	1337	rBV	102465	86096	2.89%	0.233%
15	10.340	1366	1369	1372	rVB	83886	71206	2.39%	0.193%
16	10.716	1429	1433	1438	rBV	890133	773697	25.95%	2.093%
17	10.816	1446	1450	1454	rBV	96537	128053	4.29%	0.346%
18	11.004	1478	1482	1488	rBV4	33586	55955	1.88%	0.151%
19	11.069	1490	1493	1496	rVB2	56882	58740	1.97%	0.159%
20	11.222	1515	1519	1523	rBV	1021363	900063	30.19%	2.434%
21	11.263	1523	1526	1529	rVV2	78023	66146	2.22%	0.179%
22	11.416	1548	1552	1554	rBV	623492	557694	18.70%	1.508%
23	11.445	1554	1557	1560	rVV	1626557	1407704	47.21%	3.807%
24	11.492	1560	1565	1568	rVV2	281860	341973	11.47%	0.925%
25	11.528	1568	1571	1576	rVB	61205	62994	2.11%	0.170%
26	11.651	1585	1592	1595	rBV2	414833	502743	16.86%	1.360%
27	11.751	1606	1609	1614	rBV	218114	226938	7.61%	0.614%
28	11.810	1616	1619	1624	rVB2	60754	73021	2.45%	0.197%
29	11.875	1624	1630	1632	rBV	86245	76209	2.56%	0.206%
30	11.916	1633	1637	1639	rBV	193574	169735	5.69%	0.459%
31	11.945	1639	1642	1645	rVB	304718	247431	8.30%	0.669%
32	12.028	1653	1656	1658	rBV2	177704	189663	6.36%	0.513%
33	12.051	1658	1660	1665	rVB	143732	115289	3.87%	0.312%
34	12.098	1665	1668	1671	rBV	174188	152900	5.13%	0.414%
35	12.210	1684	1687	1690	rBV	212924	216772	7.27%	0.586%
36	12.257	1690	1695	1698	rVB	2474855	2530460	84.86%	6.844%

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	12.363	1708	1713	1716	rBV3	49348	75073	2.52%	0.203%
38	12.469	1727	1731	1732	rVV	58790	64385	2.16%	0.174%
39	12.486	1732	1734	1739	rVV2	281063	272048	9.12%	0.736%
40	12.563	1743	1747	1751	rVV	674181	597243	20.03%	1.615%
41	12.645	1754	1761	1764	rVV	2727001	2981797	100.00%	8.064%
42	12.769	1777	1782	1784	rBV2	226063	239214	8.02%	0.647%
43	12.792	1784	1786	1788	rVV2	102089	106265	3.56%	0.287%
44	12.869	1792	1799	1802	rVV2	1887325	2417312	81.07%	6.538%
45	12.910	1802	1806	1811	rVB	143890	135278	4.54%	0.366%
46	12.998	1814	1821	1824	rBV2	1248536	1263894	42.39%	3.418%
47	13.022	1824	1825	1830	rVB	119833	85625	2.87%	0.232%
48	13.075	1830	1834	1837	rBV3	107758	184296	6.18%	0.498%
49	13.104	1837	1839	1843	rVV2	144011	145522	4.88%	0.394%
50	13.163	1846	1849	1851	rBV3	107646	125289	4.20%	0.339%
51	13.186	1851	1853	1856	rVV	145929	158686	5.32%	0.429%
52	13.216	1856	1858	1861	rVV	454320	349779	11.73%	0.946%
53	13.257	1862	1865	1867	rVV	125158	110488	3.71%	0.299%
54	13.292	1867	1871	1874	rVV2	144766	184256	6.18%	0.498%
55	13.351	1878	1881	1882	rVV	63061	59775	2.00%	0.162%
56	13.369	1882	1884	1890	rVV2	259267	314717	10.55%	0.851%
57	13.416	1890	1892	1899	rVB3	70686	93169	3.12%	0.252%
58	13.557	1913	1916	1920	rVV	440068	379728	12.73%	1.027%
59	13.698	1937	1940	1945	rVB	242216	207956	6.97%	0.562%
60	13.810	1954	1959	1961	rBV2	187097	201180	6.75%	0.544%
61	13.839	1961	1964	1966	rVV	140238	144321	4.84%	0.390%
62	13.863	1966	1968	1969	rVV	138399	113485	3.81%	0.307%
63	13.886	1969	1972	1974	rVV2	440399	435039	14.59%	1.177%
64	13.910	1974	1976	1979	rVB	234056	193350	6.48%	0.523%
65	13.992	1984	1990	1992	rVB2	38413	61824	2.07%	0.167%
66	14.028	1992	1996	1997	rBV	158203	151632	5.09%	0.410%
67	14.057	1997	2001	2004	rVV2	912497	1296907	43.49%	3.508%
68	14.092	2004	2007	2013	rVV	758163	782861	26.25%	2.117%
69	14.169	2014	2020	2022	rVV2	112355	145371	4.88%	0.393%
70	14.204	2022	2026	2030	rVV2	460325	422414	14.17%	1.142%
71	14.257	2032	2035	2036	rVV	70274	66440	2.23%	0.180%
72	14.292	2036	2041	2044	rVV3	91555	130036	4.36%	0.352%
73	14.345	2047	2050	2053	rVB	402961	324269	10.87%	0.877%
74	14.445	2063	2067	2070	rVV	107933	118194	3.96%	0.320%
75	14.480	2070	2073	2074	rVV2	60215	56090	1.88%	0.152%
76	14.510	2075	2078	2081	rVV	343901	325167	10.91%	0.879%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
Acq On : 13 May 2022 17:42
Operator : CG\JU
Sample : N2823-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

77	14.545	2082	2084	2086	rVV3	57682	56090	1.88%	0.152%
78	14.816	2127	2130	2134	rVB	255628	262319	8.80%	0.709%
79	14.951	2149	2153	2160	rVB4	58992	109399	3.67%	0.296%
80	15.116	2176	2181	2184	rBV	545956	842990	28.27%	2.280%
81	15.163	2187	2189	2193	rVV	253275	268493	9.00%	0.726%
82	15.222	2196	2199	2203	rBV	89851	102944	3.45%	0.278%
83	15.316	2211	2215	2222	rBV6	43429	107440	3.60%	0.291%
84	15.375	2222	2225	2227	rVV3	42702	58861	1.97%	0.159%
85	15.427	2230	2234	2240	rVV	317369	432500	14.50%	1.170%
86	15.492	2240	2245	2250	rVV	473082	547888	18.37%	1.482%
87	15.551	2250	2255	2259	rVV2	464817	657895	22.06%	1.779%
88	15.586	2259	2261	2266	rVV	142281	171778	5.76%	0.465%
89	15.645	2267	2271	2276	rVB4	90071	130171	4.37%	0.352%
90	15.886	2307	2312	2316	rVB4	83757	116092	3.89%	0.314%
91	15.992	2324	2330	2335	rBV	190214	287453	9.64%	0.777%
92	16.510	2412	2418	2427	rVB	132342	260057	8.72%	0.703%
93	17.069	2506	2513	2518	rBV2	184487	380558	12.76%	1.029%
94	17.116	2518	2521	2529	rVB3	102634	210300	7.05%	0.569%
95	17.245	2538	2543	2548	rBV	31049	58915	1.98%	0.159%
96	17.521	2583	2590	2606	rVB	116572	284563	9.54%	0.770%
97	17.663	2609	2614	2627	rVV	37545	141830	4.76%	0.384%
98	17.774	2628	2633	2637	rVV3	32204	69468	2.33%	0.188%
99	17.833	2637	2643	2651	rVB2	66261	168441	5.65%	0.456%
100	18.692	2780	2789	2799	rBV3	53215	166188	5.57%	0.449%

Sum of corrected areas: 36974519

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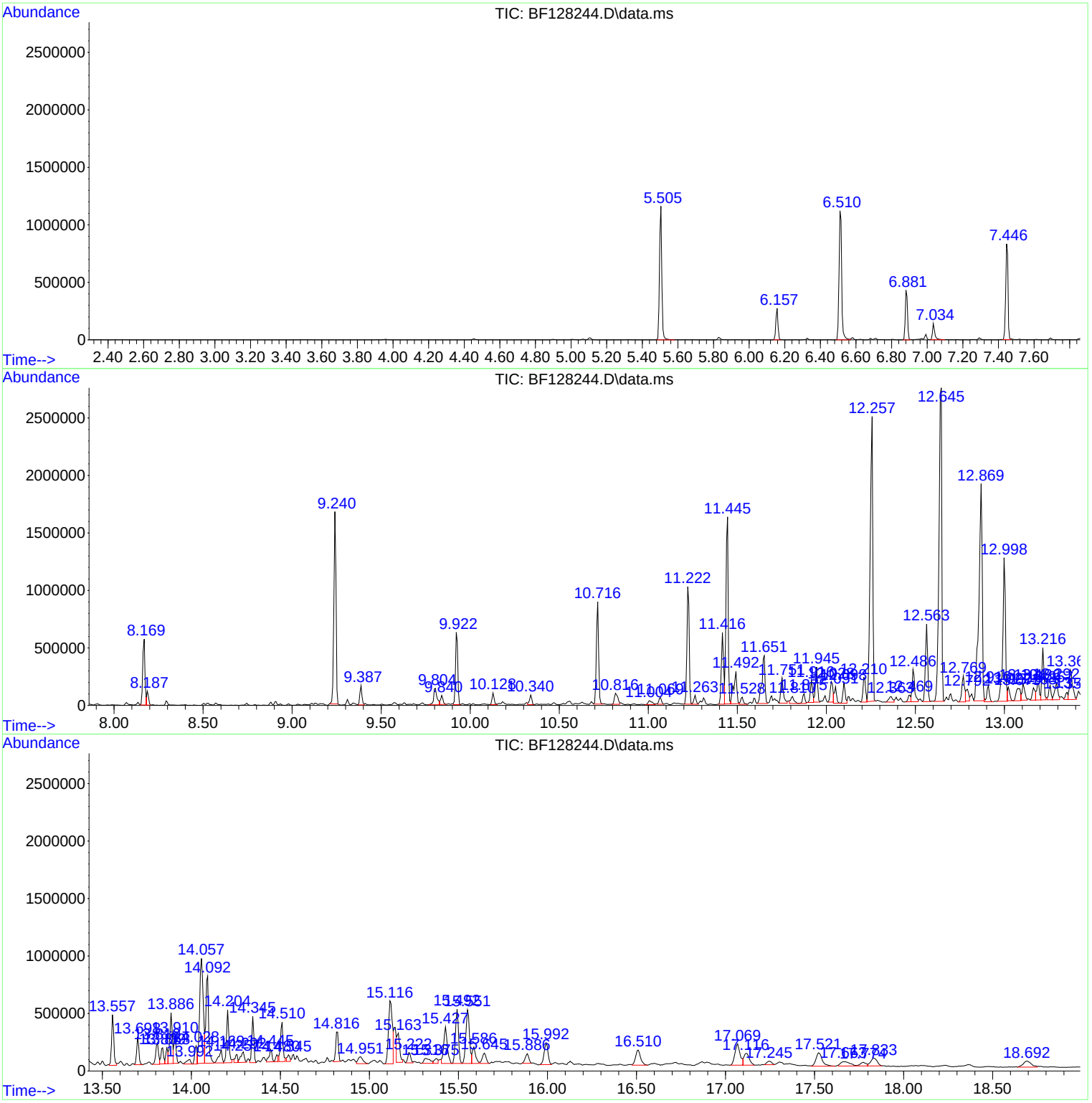
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

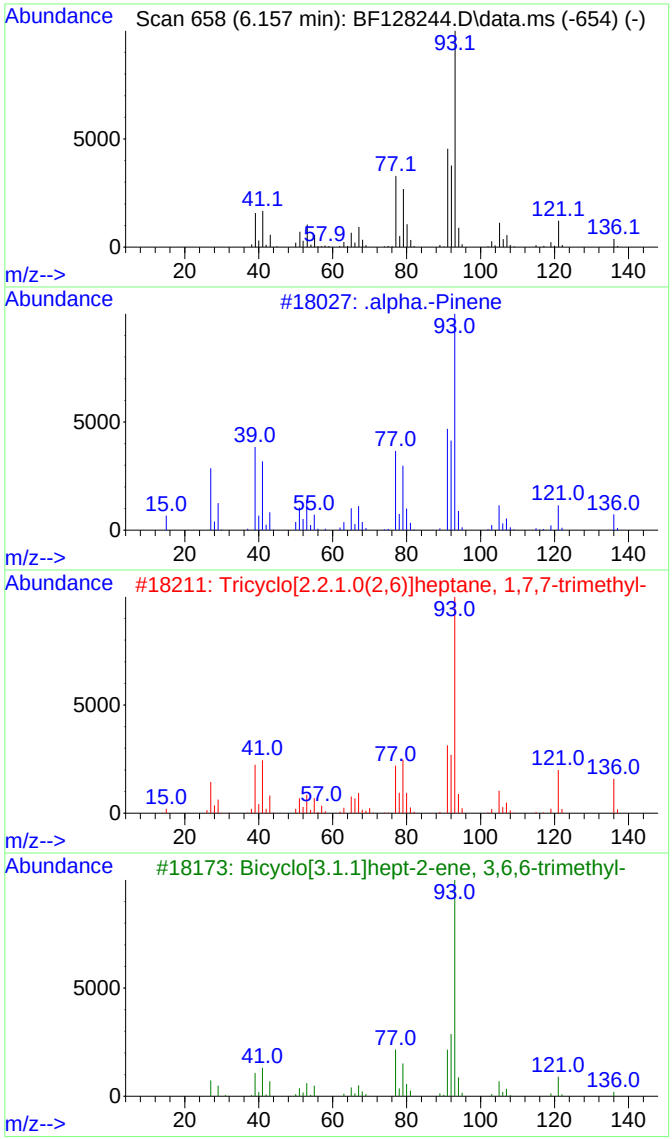
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

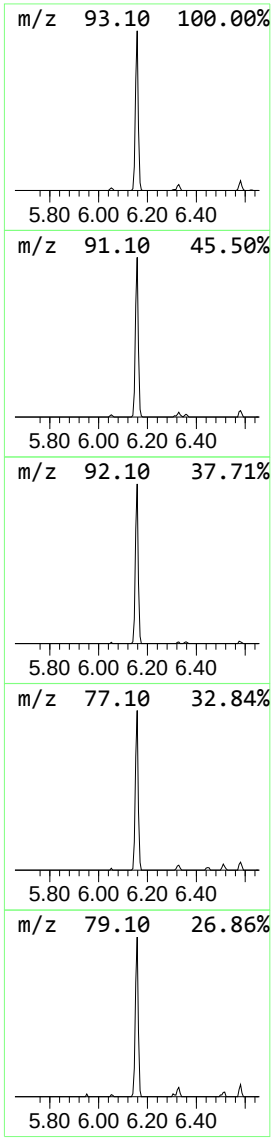
****

Peak Number 1 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.157	12.22 ng	225554	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	.gamma.-Terpinene	136	C10H16	000099-85-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
Acq On : 13 May 2022 17:42
Operator : CG\JU
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ALS Vial : 10 Sample Multiplier: 1

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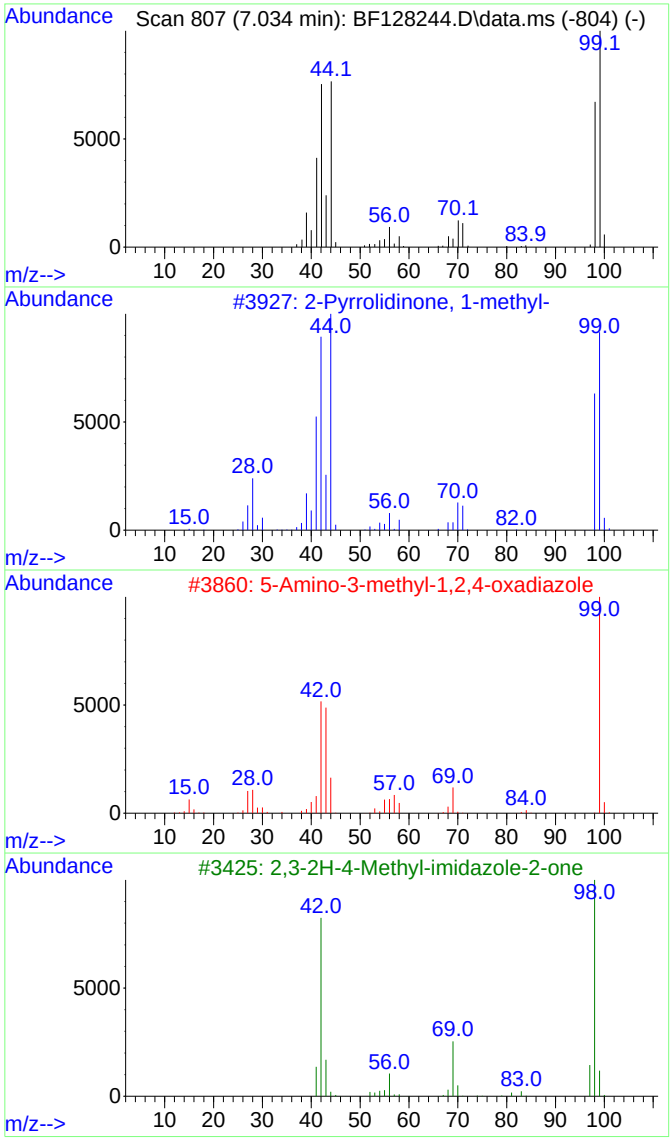
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

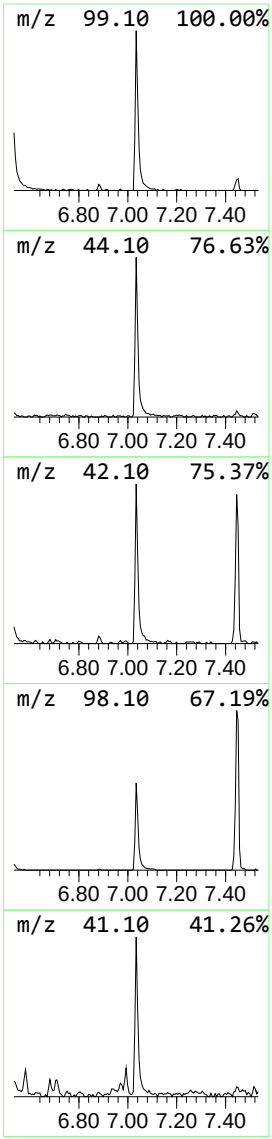
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pyrrolidinone, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	6.91 ng	127442	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	97
2	5-Amino-3-methyl-1,2,4-oxadiazole	99	C3H5N3O	003663-39-6	43
3	2,3-2H-4-Methyl-imidazole-2-one	98	C4H6N2O	039799-77-4	27
4	4H-1,2,4-Triazol-3-amine, 4-methyl-	98	C3H6N4	016681-76-8	27
5	Di(pent-4-enyl)amine	153	C10H19N	1000190-99-0	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
Acq On : 13 May 2022 17:42
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Sample : N2823-01
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ALS Vial : 10 Sample Multiplier: 1

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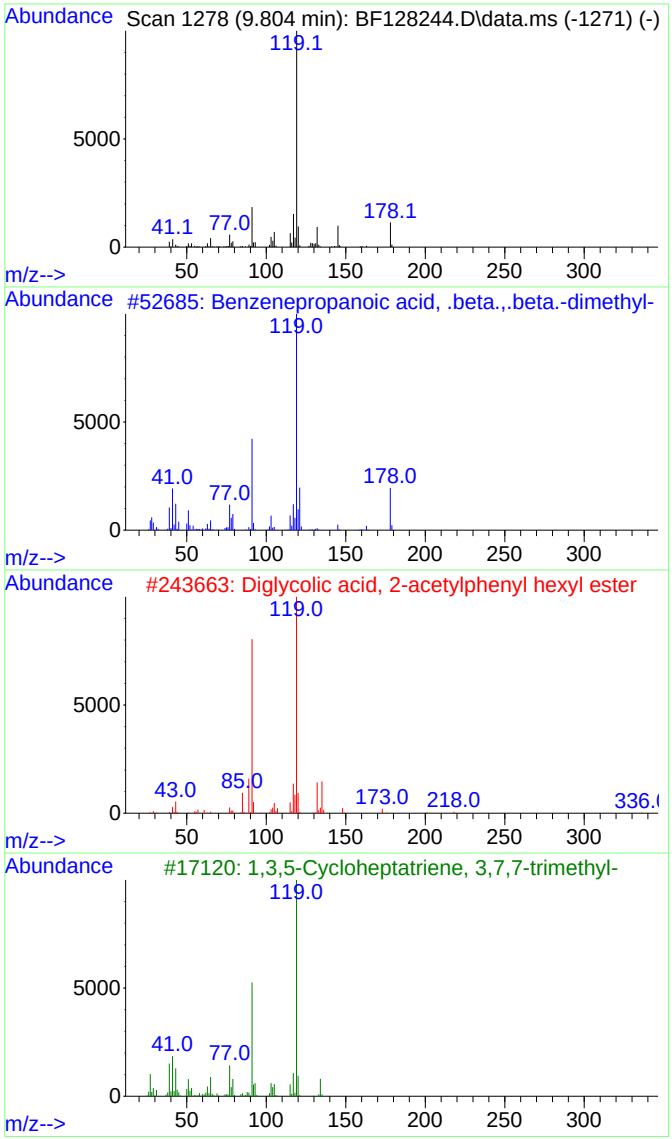
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

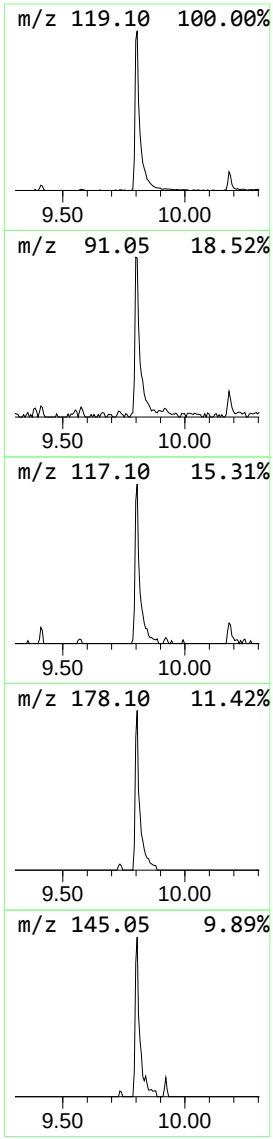
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzenepropanoic acid, .bet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	7.07 ng	191927	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.,.b...	178	C11H14O2	001010-48-6	72
2	Diglycolic acid, 2-acetylphenyl ...	336	C18H24O6	1000382-72-2	64
3	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	59
4	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	59
5	o-Cymene	134	C10H14	000527-84-4	59





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Data File : BF128244.D
Acq On : 13 May 2022 17:42
Operator : CG\JU
Sample : N2823-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1

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

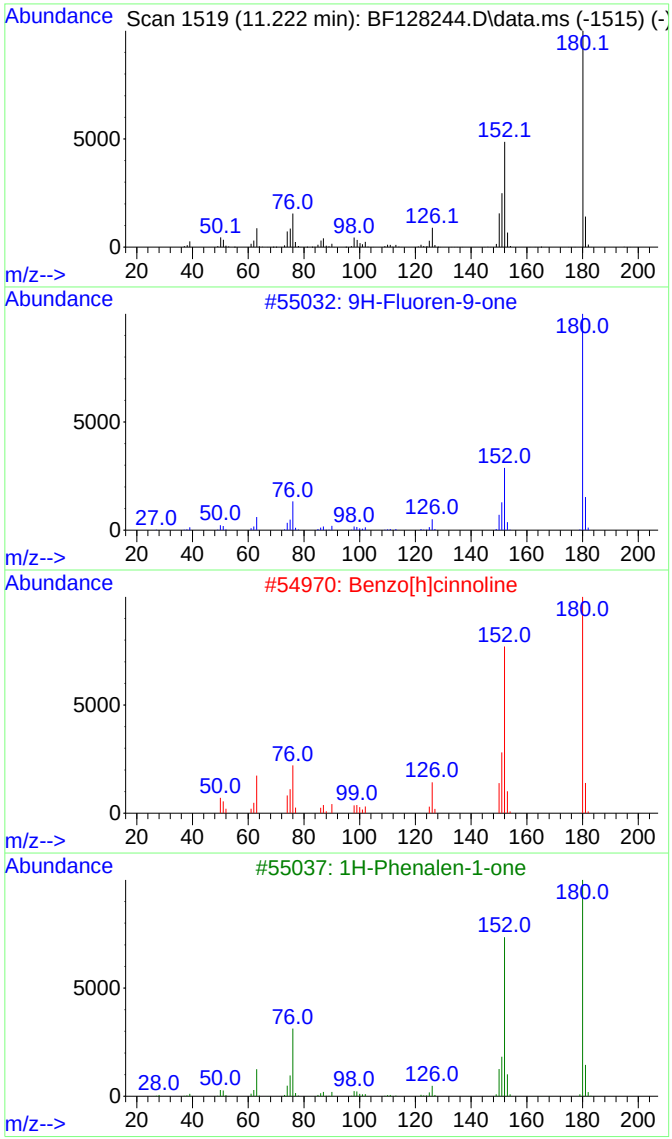
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

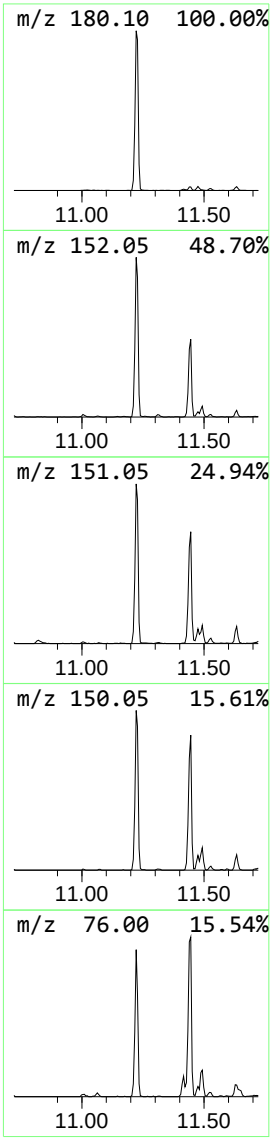
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	32.28 ng	900063	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	53
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
Acq On : 13 May 2022 17:42
Operator : CG\JU
Sample : N2823-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1

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

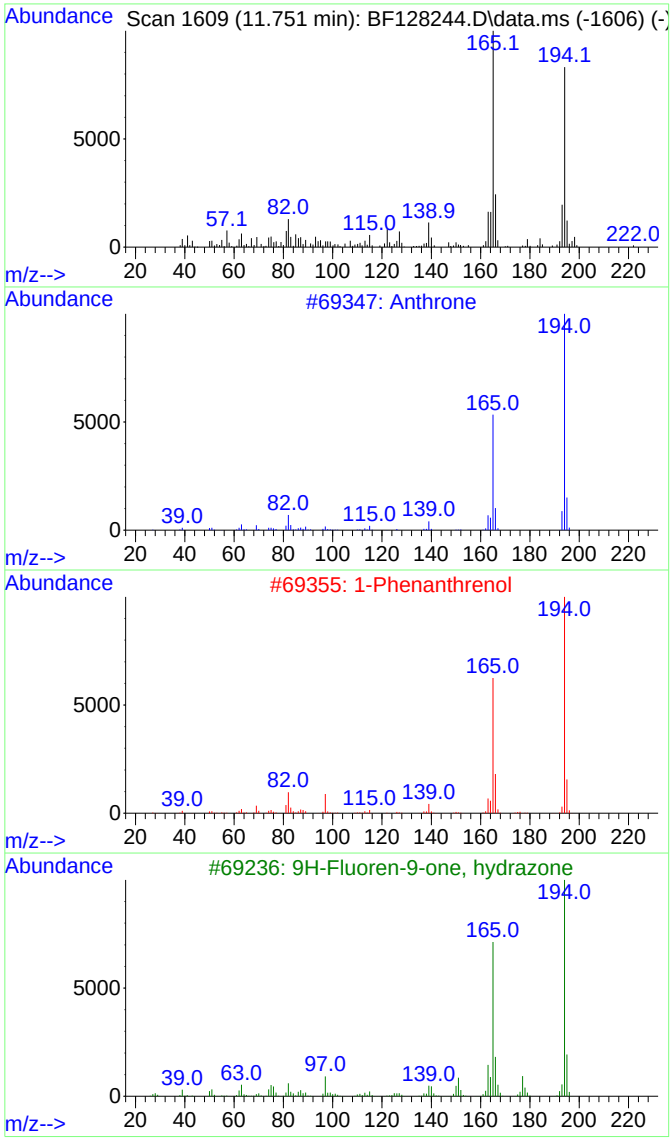
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

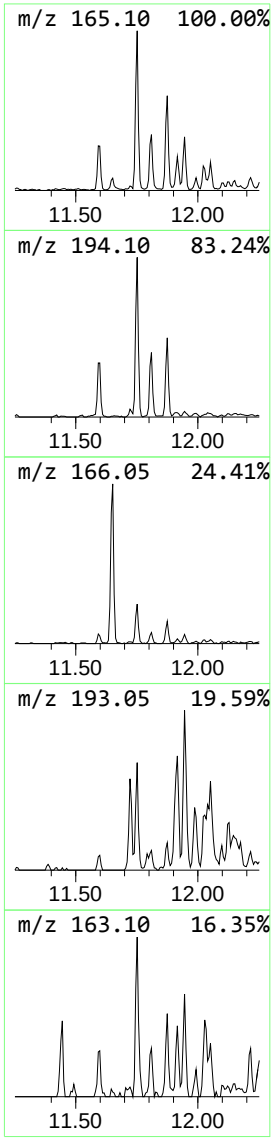
****

Peak Number 5 Anthrone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	8.14 ng	226938	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	93
2	1-Phenanthrenol	194	C14H10O	002433-56-9	87
3	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	83
4	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	74
5	4-Phenanthrenol	194	C14H10O	007651-86-7	74





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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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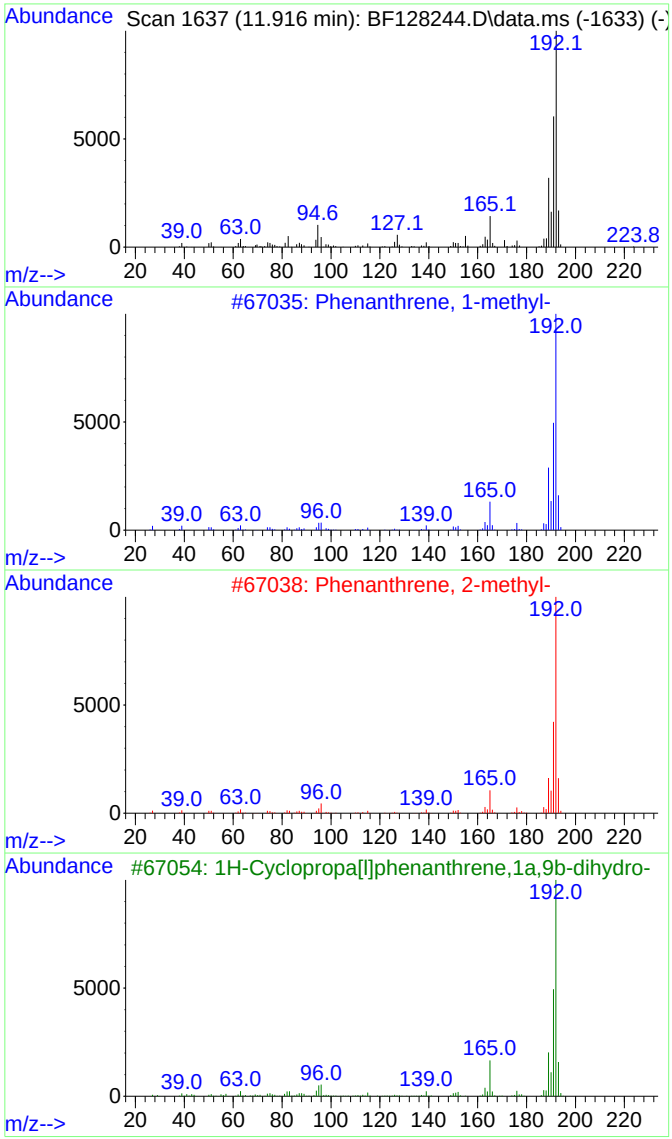
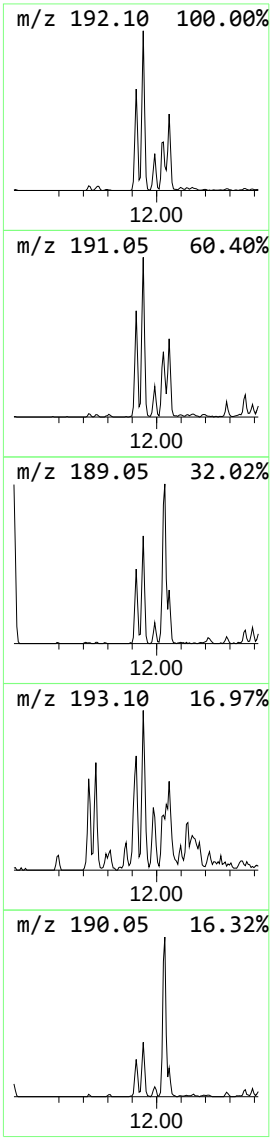
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	6.09 ng	169735	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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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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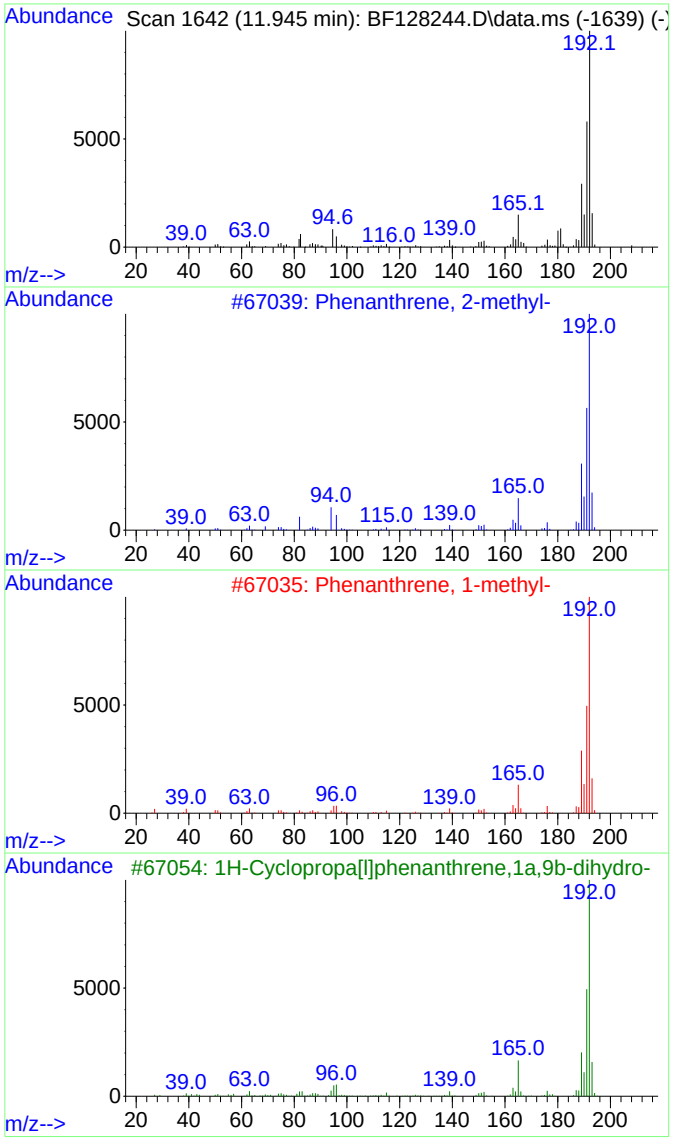
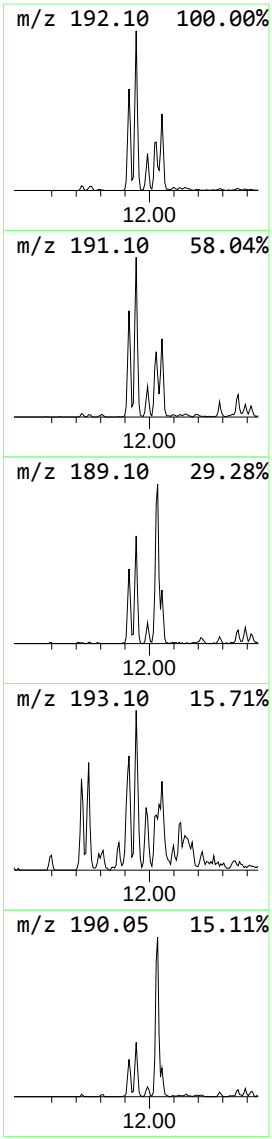
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.87 ng	247431	Phenanthrene-d10	11.416

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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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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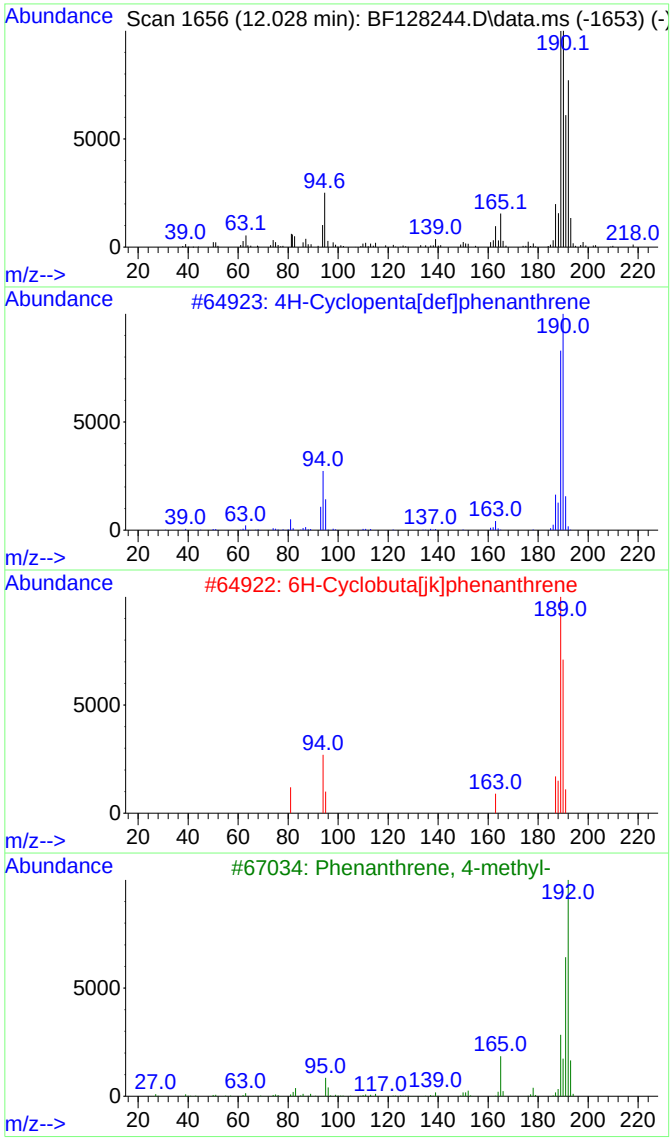
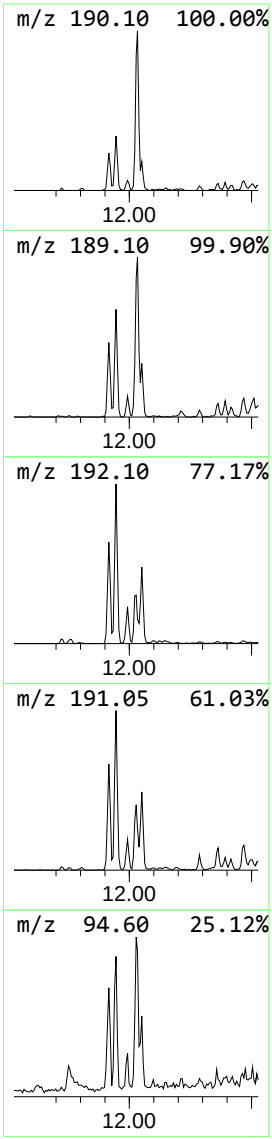
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	6.80 ng	189663	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38





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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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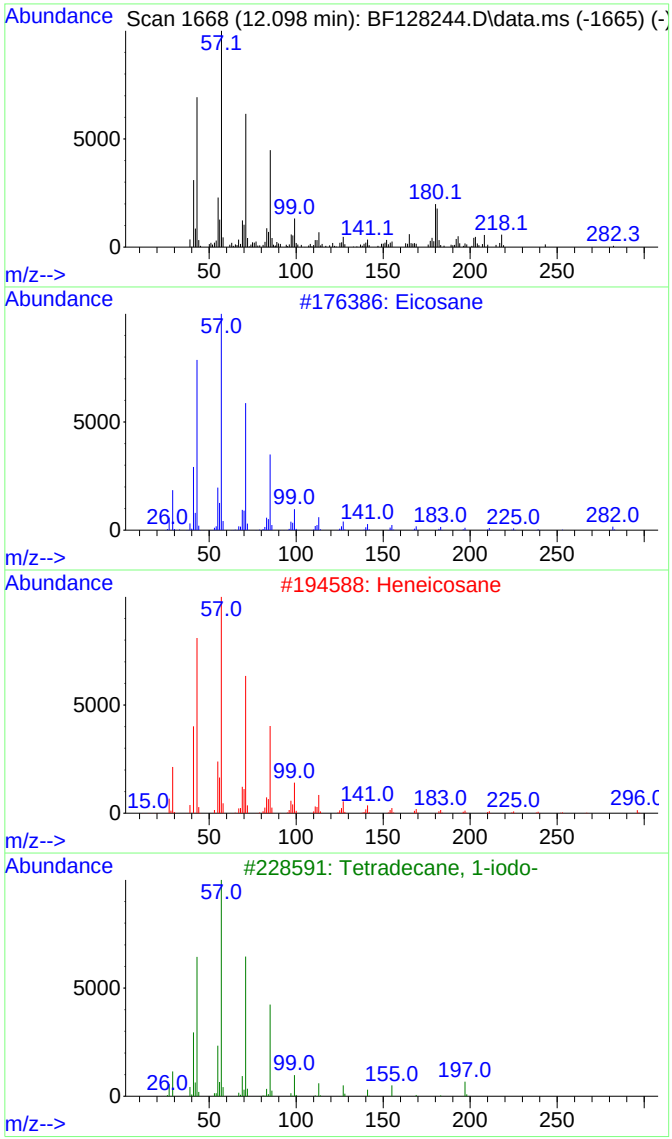
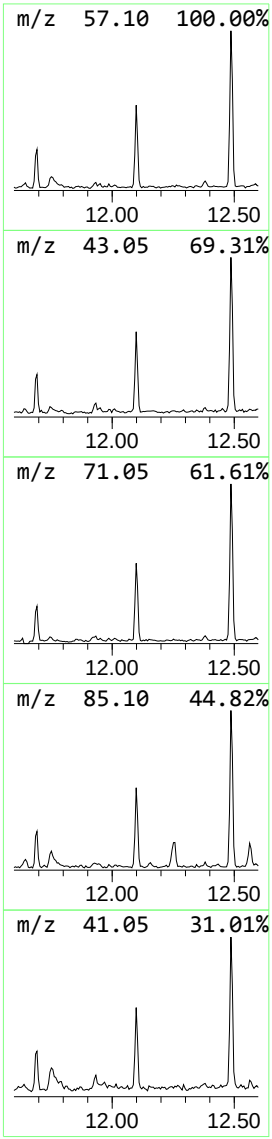
Peak Number 9 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	5.48 ng	152900	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heneicosane	296	C21H44	000629-94-7	70
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	70
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	62
5	Tetradecane	198	C14H30	000629-59-4	62





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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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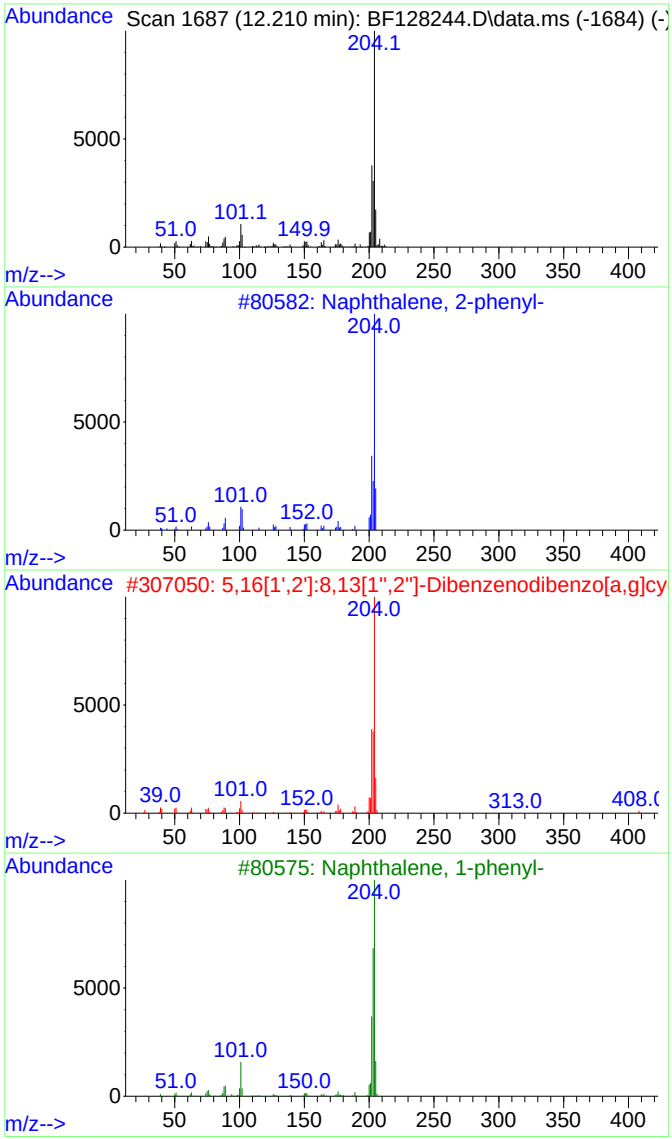
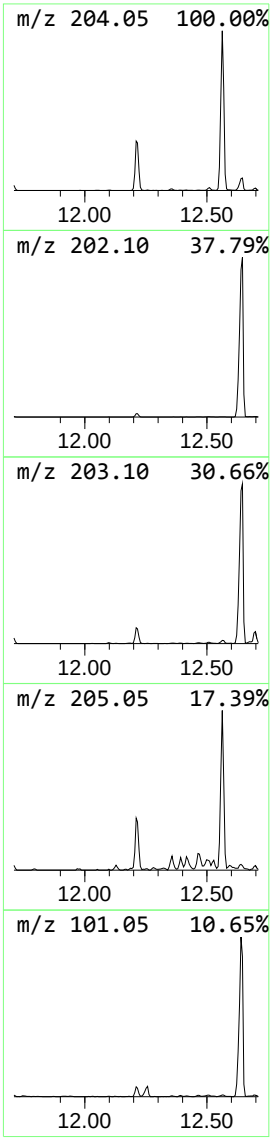
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	7.77 ng	216772	Phenanthrene-d10	11.416

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	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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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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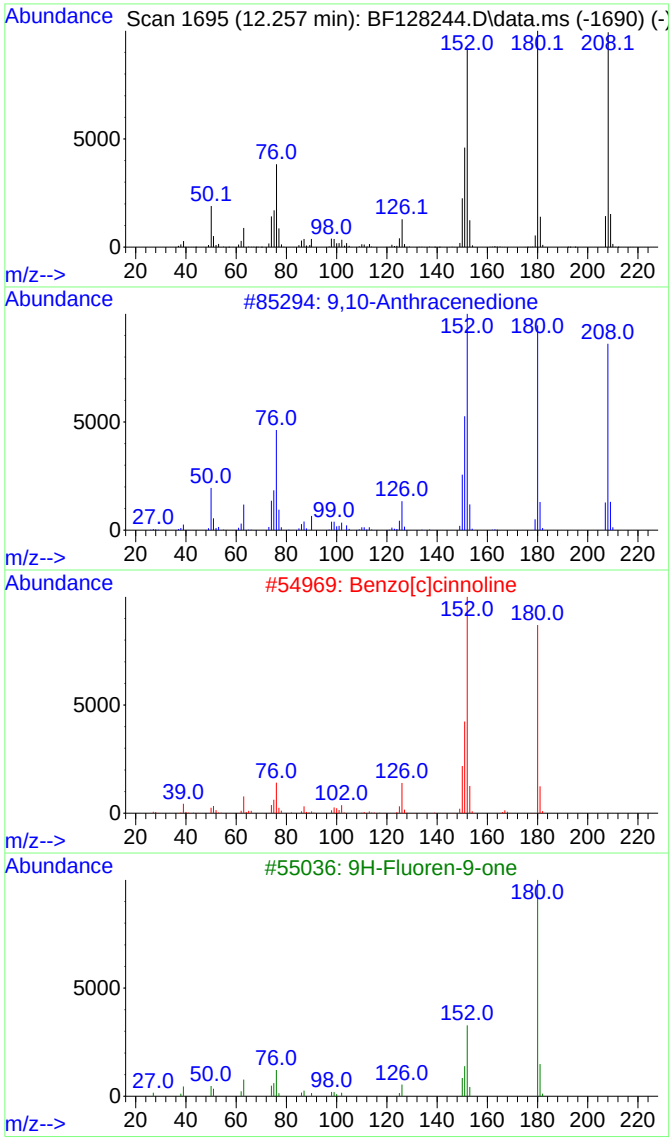
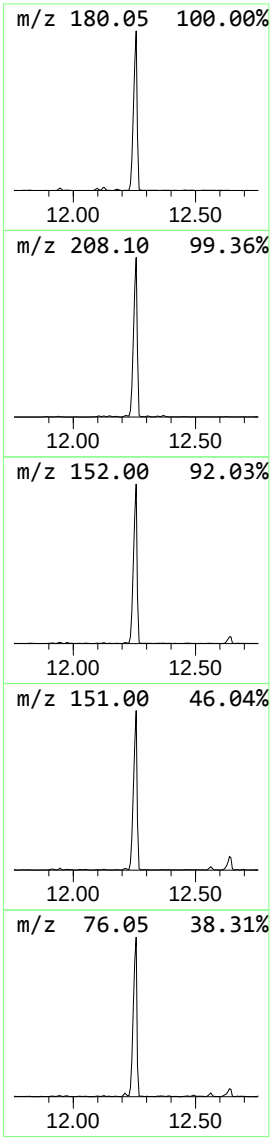
Peak Number 11 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	90.75 ng	2530460	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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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

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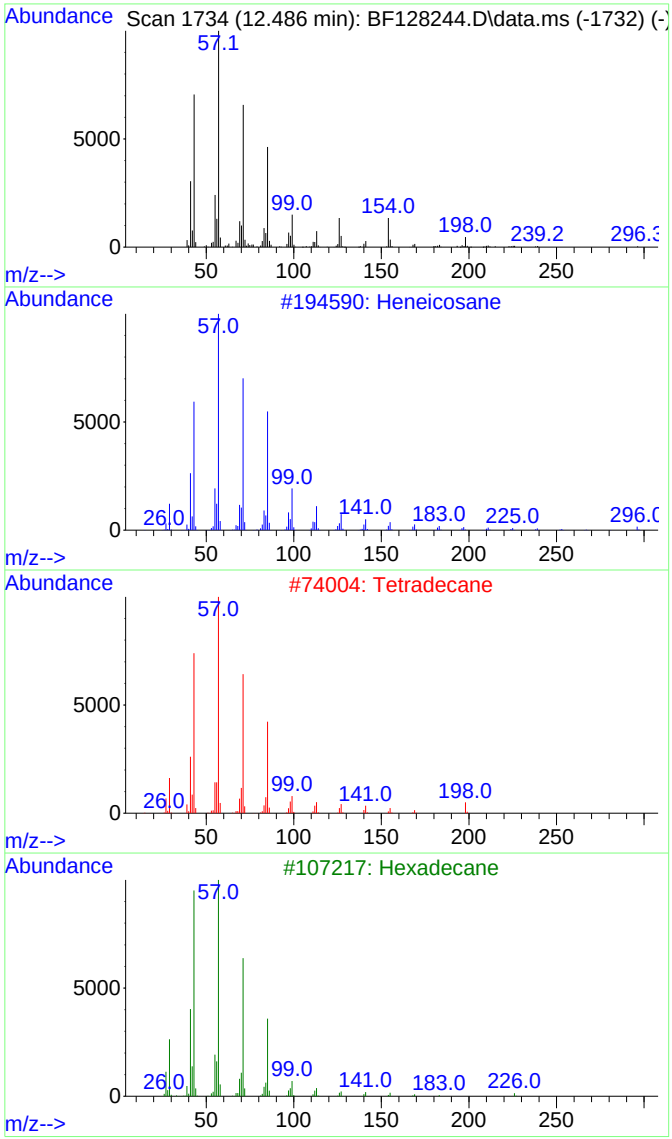
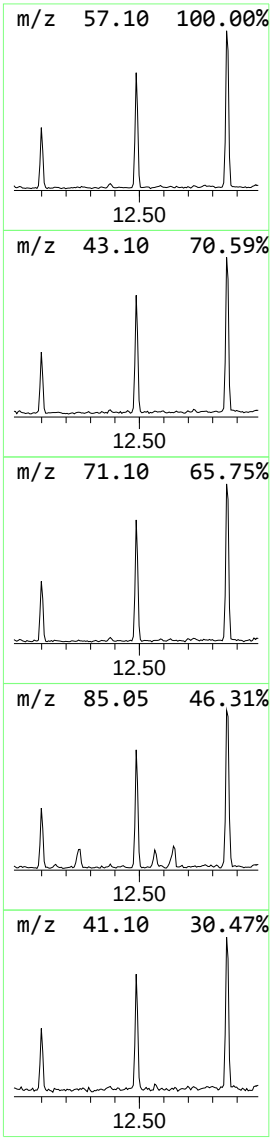
Peak Number 12 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	9.76 ng	272048	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tetradecane	198	C14H30	000629-59-4	95
3	Hexadecane	226	C16H34	000544-76-3	94
4	Pentadecane	212	C15H32	000629-62-9	74
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74





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

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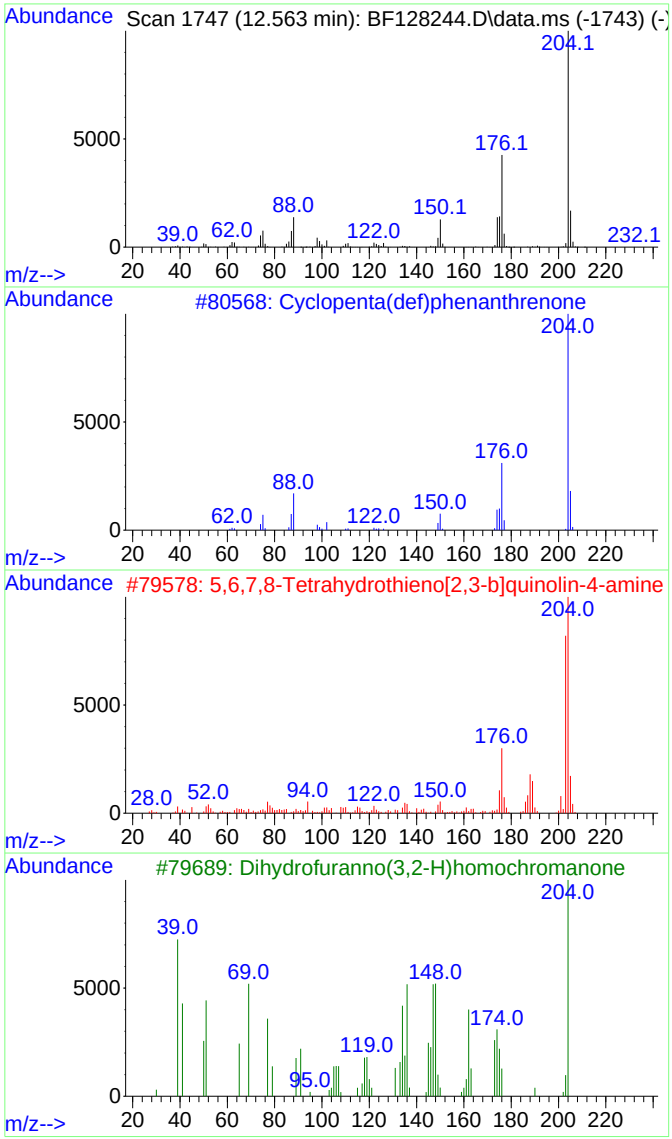
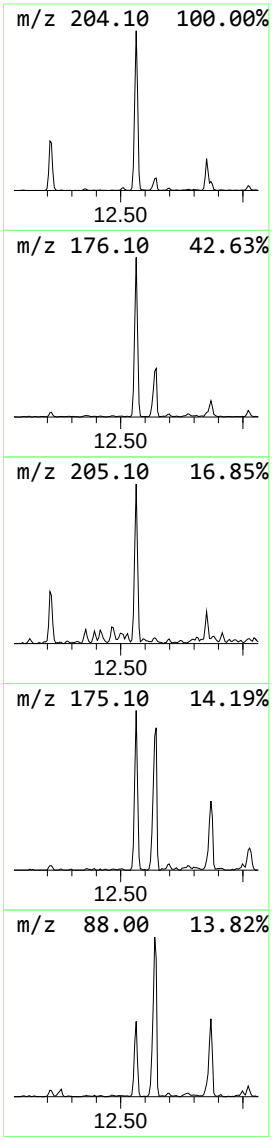
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	21.42 ng	597243	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46
4	[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	45
5	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	45





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

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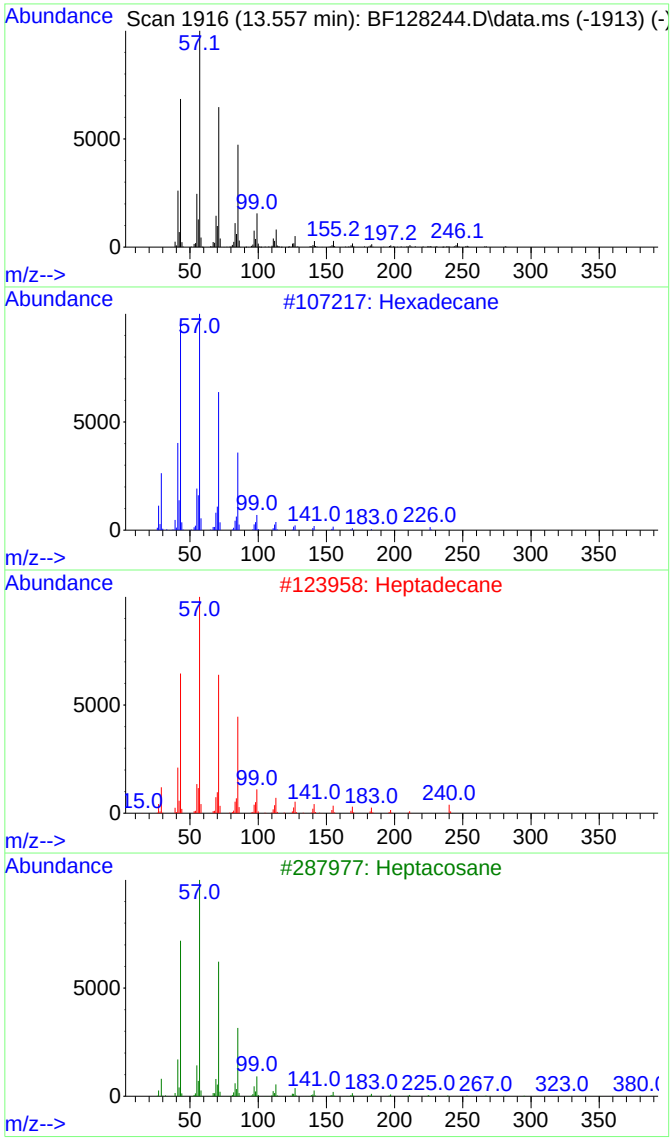
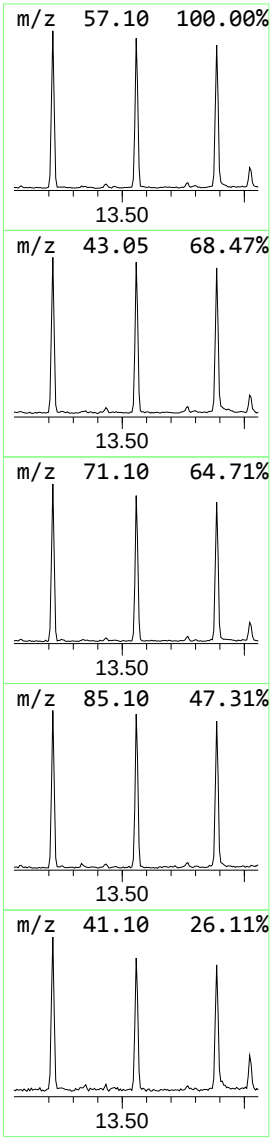
Peak Number 14 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.557	5.86 ng	379728	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Octacosane	394	C28H58	000630-02-4	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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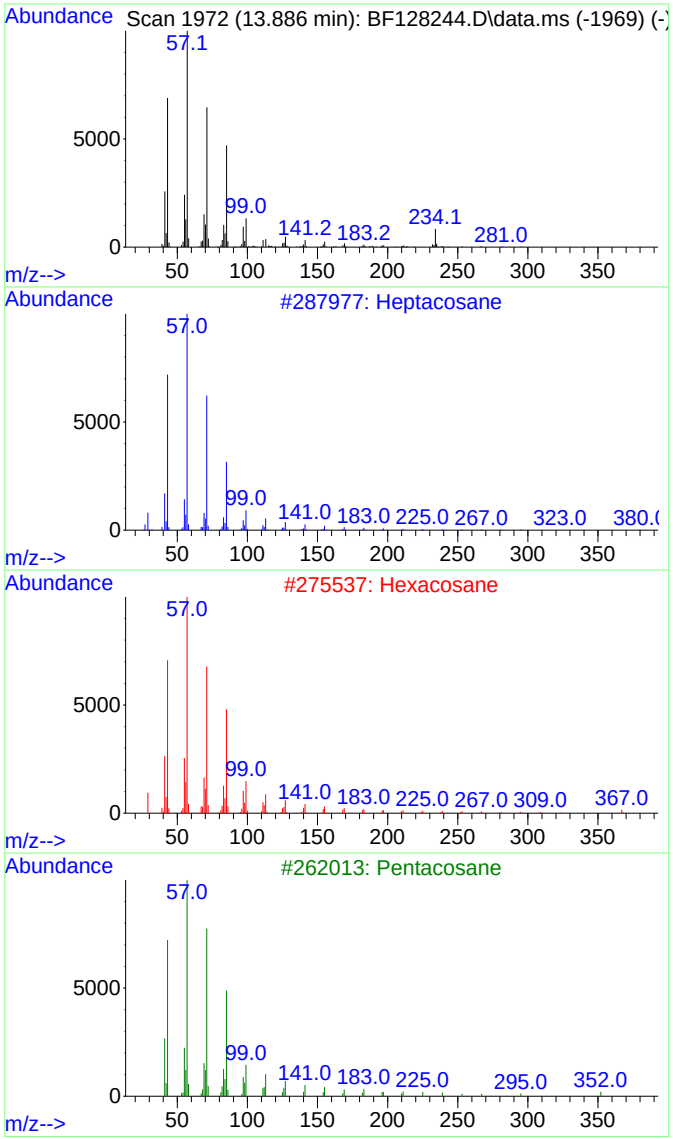
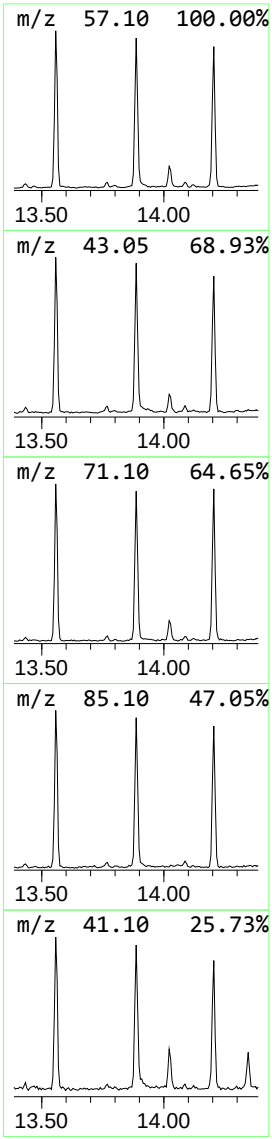
Peak Number 15 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	6.71 ng	435039	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Pentacosane	352	C25H52	000629-99-2	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5	Heneicosane	296	C21H44	000629-94-7	72





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

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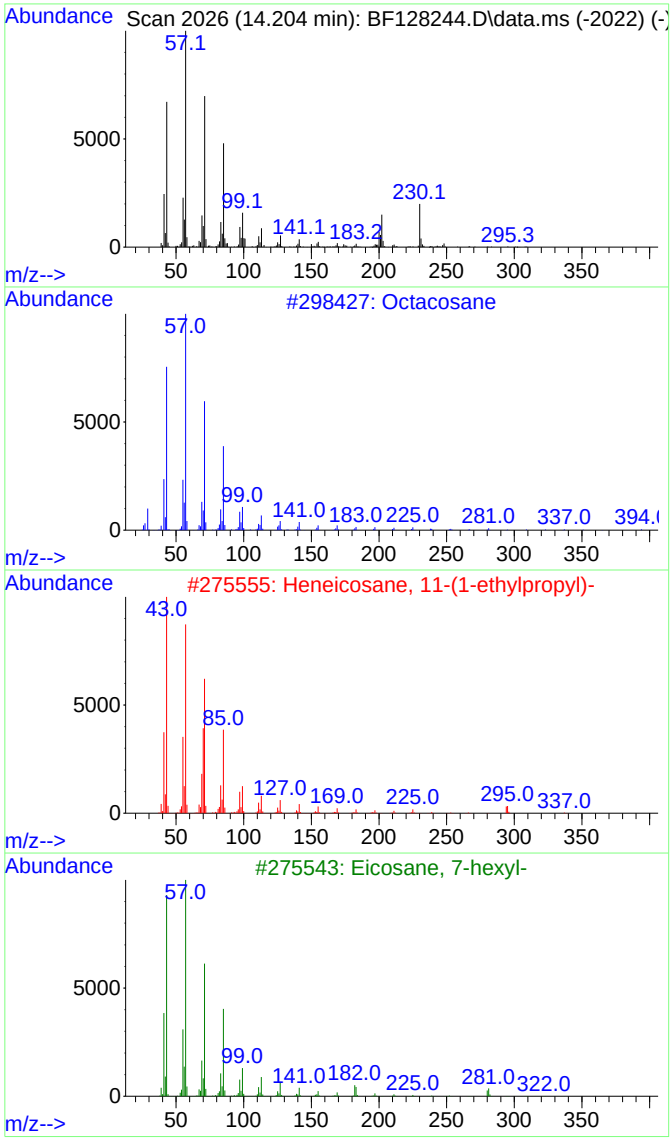
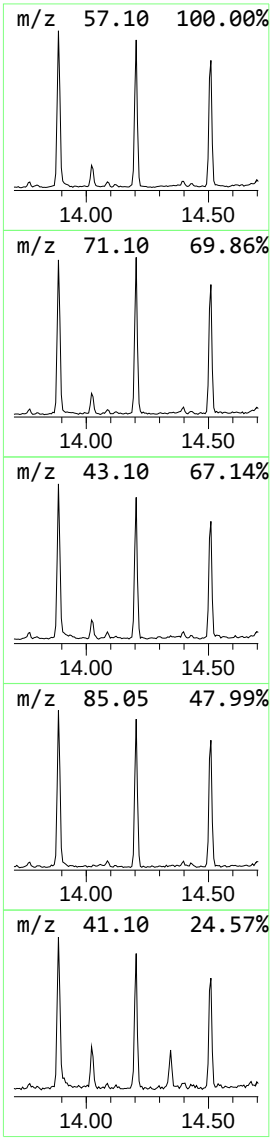
Peak Number 16 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	6.51 ng	422414	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	76
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	68
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	68
4	Pentacosane	352	C25H52	000629-99-2	68
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	68





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ALS Vial : 10 Sample Multiplier: 1

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

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

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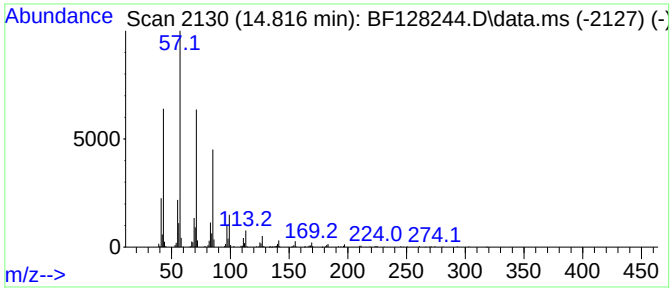
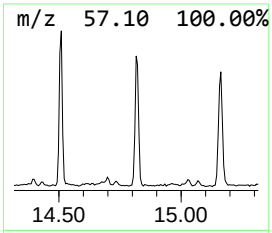
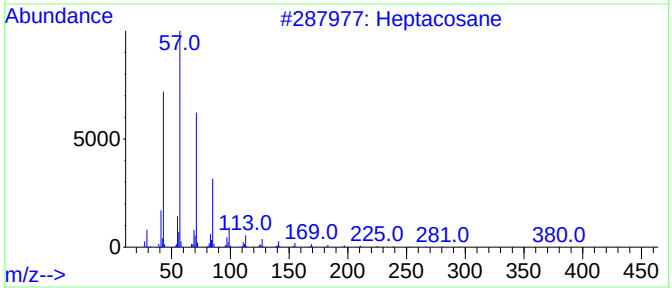
Peak Number 17 Dotriacontane, 1-iodo- Concentration Rank 10

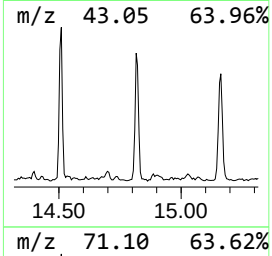
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	7.97 ng	262319	Perylene-d12	15.557

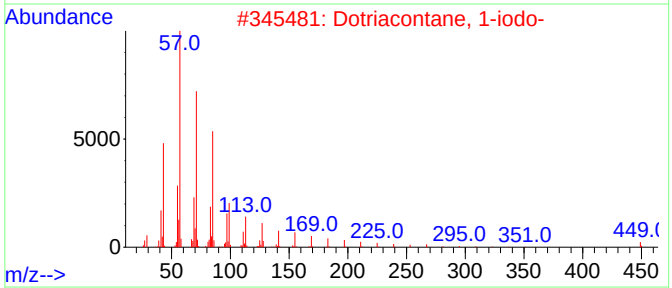
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83

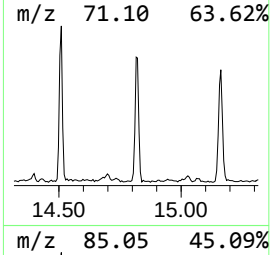


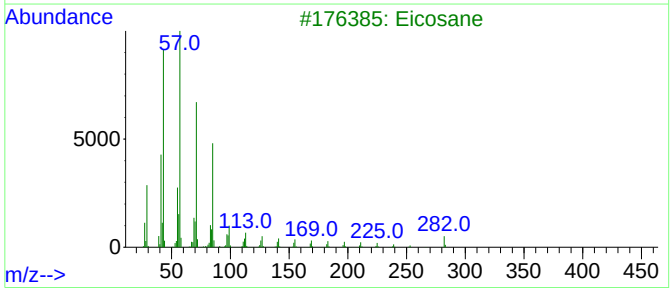


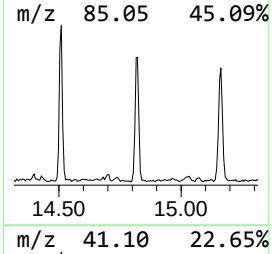


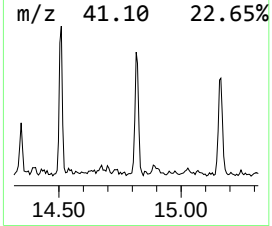












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
Acq On : 13 May 2022 17:42
Operator : CG\JU
Sample : N2823-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1

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

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

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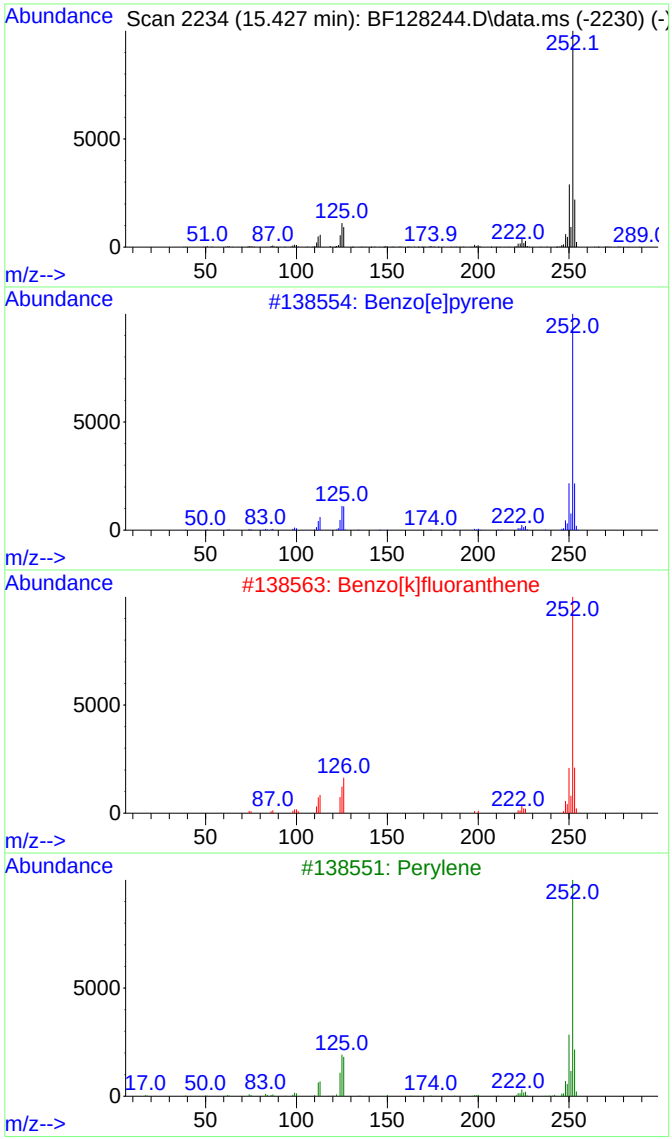
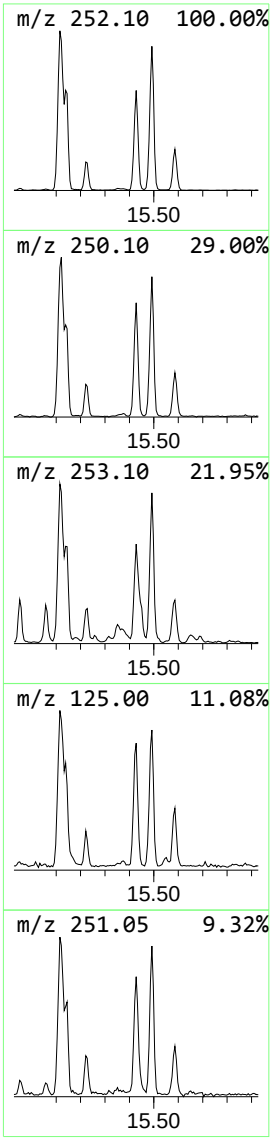
Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	13.15 ng	432500	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
Acq On : 13 May 2022 17:42
Operator : CG\JU
Sample : N2823-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1

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

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

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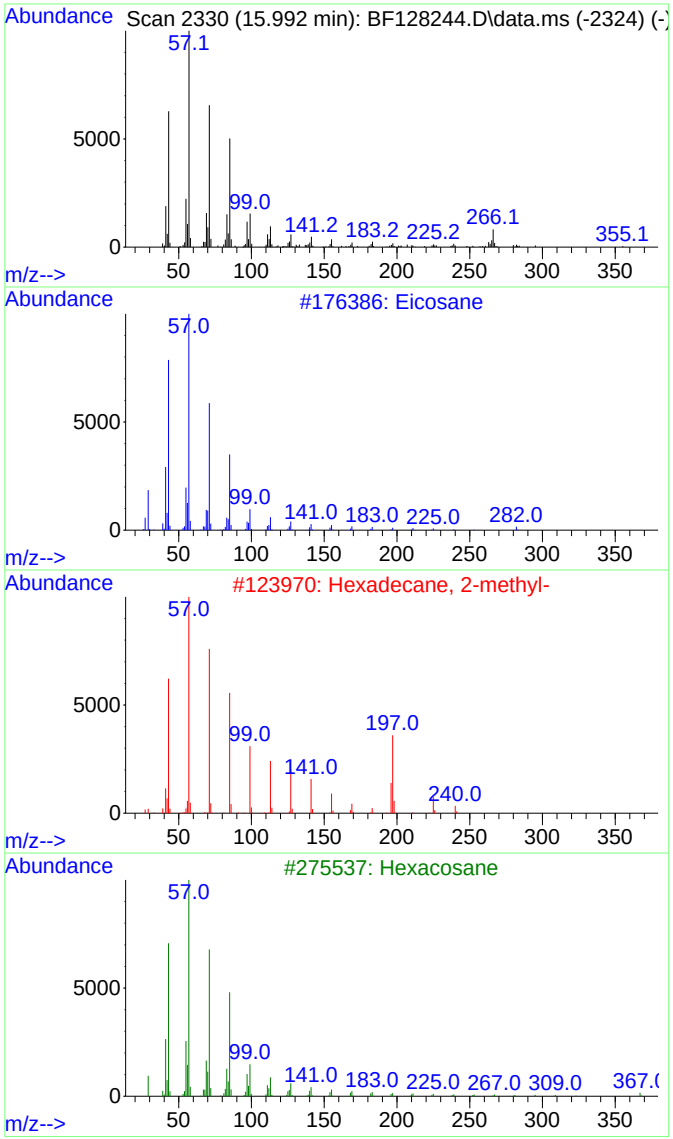
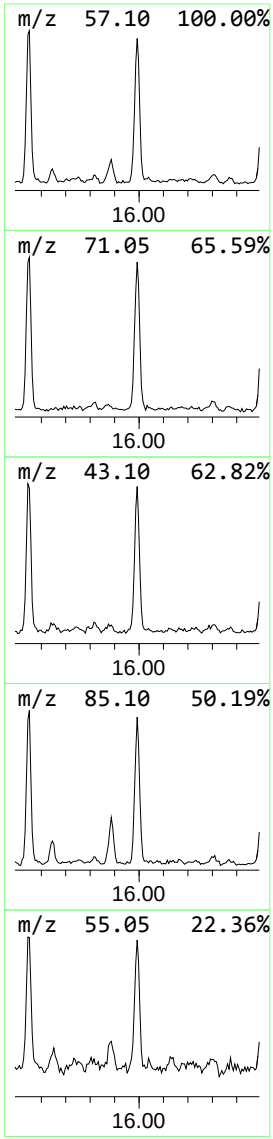
Peak Number 19 Hexadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.992	8.74 ng	287453	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
Acq On : 13 May 2022 17:42
Operator : CG\JU
Sample : N2823-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1

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

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

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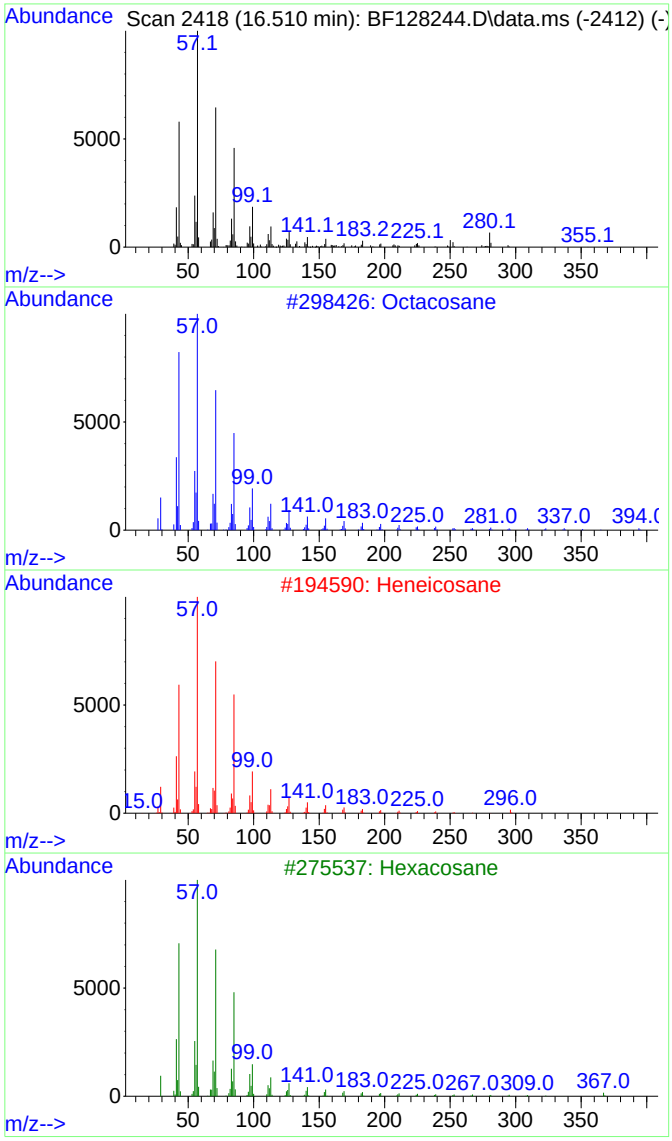
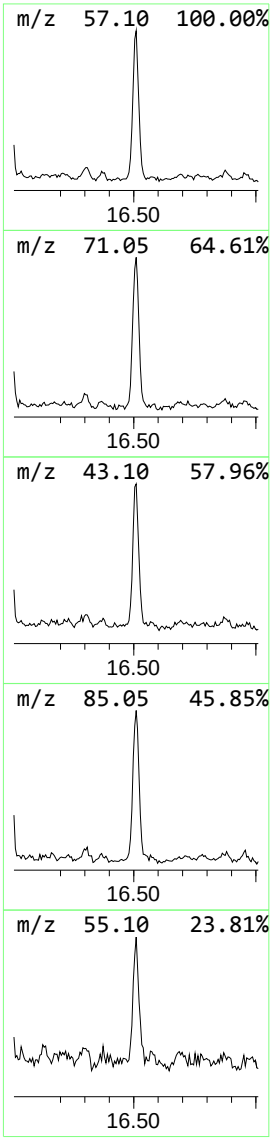
Peak Number 20 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.510	7.91 ng	260057	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128244.D
Acq On : 13 May 2022 17:42
Operator : CG\JU
Sample : N2823-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	6.157	12.2	ng	225554	1	6.881	369047	20.0
2-Pyrrolidinone...	7.034	6.9	ng	127442	1	6.881	369047	20.0
Benzenepropanoi...	9.804	7.1	ng	191927	3	9.922	542608	20.0
9H-Fluoren-9-one	11.222	32.3	ng	900063	4	11.416	557694	20.0
Anthrone	11.751	8.1	ng	226938	4	11.416	557694	20.0
Phenanthrene, 1...	11.916	6.1	ng	169735	4	11.416	557694	20.0
Phenanthrene, 2...	11.945	8.9	ng	247431	4	11.416	557694	20.0
4H-Cyclopenta[d...	12.028	6.8	ng	189663	4	11.416	557694	20.0
Eicosane	12.098	5.5	ng	152900	4	11.416	557694	20.0
Naphthalene, 2-...	12.210	7.8	ng	216772	4	11.416	557694	20.0
9,10-Anthracene...	12.257	90.8	ng	2530460	4	11.416	557694	20.0
Heneicosane	12.486	9.8	ng	272048	4	11.416	557694	20.0
Cyclopenta(def)...	12.563	21.4	ng	597243	4	11.416	557694	20.0
Hexadecane	13.557	5.9	ng	379728	5	14.063	1296910	20.0
Heptacosane	13.886	6.7	ng	435039	5	14.063	1296910	20.0
Octacosane	14.204	6.5	ng	422414	5	14.063	1296910	20.0
Dotriacontane, ...	14.816	8.0	ng	262319	6	15.557	657895	20.0
Benzo[e]pyrene	15.427	13.2	ng	432500	6	15.557	657895	20.0
Hexadecane, 2-m...	15.992	8.7	ng	287453	6	15.557	657895	20.0
Hexacosane	16.510	7.9	ng	260057	6	15.557	657895	20.0