LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128922.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	524	527	540	rBV	2200995	2093399	27.24%	3.713%
2	6.410	698	701	711	rBV	2045736	2041446	26.57%	3.621%
3	6.751	756	759	763	rVB	652645	575576	7.49%	1.021%
4	7.322	852	856	859	rBV	1531774	1312079	17.08%	2.327%
5	7.398	864	869	872	rVB5	53527	79405	1.03%	0.141%
6	8.039	972	978	980	rBV	823601	740714	9.64%	1.314%
7	8.328	1022	1027	1031	rBV6	61676	82806	1.08%	0.147%
8	8.628	1075	1078	1081	rBV	116494	99769	1.30%	0.177%
9	9.057	1148	1151	1153	rBV2	110212	92916	1.21%	0.165%
10	9.116	1157	1161	1164	rVB	2733682	2164126	28.17%	3.839%
11	9.192	1170	1174	1177	rBV	174921	156608	2.04%	0.278%
12	9.516	1224	1229	1231	rBV3	116759	150325	1.96%	0.267%
13	9.651	1249	1252	1257	rBV	177911	172742	2.25%	0.306%
14	9.722	1262	1264	1268	rVB	178920	126831	1.65%	0.225%
15	9.792	1268	1276	1279	rBV	799113	699671	9.11%	1.241%
16	9.822	1279	1281	1284	rVV	120733	100804	1.31%	0.179%
17	9.998	1309	1311	1315	rVB	93756	95589	1.24%	0.170%
18	10.045	1315	1319	1322	rBV4	58156	78384	1.02%	0.139%
19	10.110	1326	1330	1336	rBV6	51669	112388	1.46%	0.199%
20	10.222	1346	1349	1351	rVB	225734	159070	2.07%	0.282%
21	10.339	1366	1369	1374	rVB	188109	171705	2.23%	0.305%
22	10.439	1381	1386	1393	rVB	83873	134240	1.75%	0.238%
23	10.586	1408	1411	1414	rBV	1239826	1044663	13.60%	1.853%
24	10.692	1427	1429	1438	rVB	262280	341374	4.44%	0.606%
25	11.145	1503	1506	1508	rVV	206201	175392	2.28%	0.311%
26	11.174	1508	1511	1517	rVB	207219	213177	2.77%	0.378%
27	11.280	1525	1529	1531	rBV	746046	669539	8.71%	1.188%
28	11.304	1531	1533	1536	rVV	1487629	1178908	15.34%	2.091%
29	11.357	1539	1542	1545	rVB	505179	410763	5.35%	0.729%
30	11.516	1566	1569	1573	rVB	189008	169862	2.21%	0.301%
31	11.569	1575	1578	1580	rVV	249755	192380	2.50%	0.341%
32	11.598	1580	1583	1590	rVB2	244185	275974	3.59%	0.490%
33	11.674	1592	1596	1599	rBV	3280000	2646583	34.44%	4.695%
34	11.780	1611	1614	1616	rBV	236972	203548	2.65%	0.361%
35	11.810	1616	1619	1625	rVV2	392051	587454	7.65%	1.042%
36	11.857	1625	1627	1630	rVV	142420	151831	1.98%	0.269%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.892	1630	1633	1636	rVV	398803	446474	5.81%	0.792%
38	11.916	1636	1637	1640	rVB	169626	92961	1.21%	0.165%
39	11.974	1644	1647	1652	rBV2	183328	205695	2.68%	0.365%
40	12.074	1662	1664	1667	rBV	155489	137100	1.78%	0.243%
41	12.257	1692	1695	1698	rBV	147961	133469	1.74%	0.237%
42	12.333	1704	1708	1710	rBV	205744	245102	3.19%	0.435%
43	12.369	1710	1714	1716	rVV	6803054	7683660	100.00%	13.629%
44	12.392	1716	1718	1727	rVV	7792176	6918394	90.04%	12.272%
45	12.469	1727	1731	1733	rVV	1699361	1337894	17.41%	2.373%
46	12.504	1733	1737	1739	rVV	2259978	2332128	30.35%	4.137%
47	12.533	1739	1742	1749	rVV3	684566	1112117	14.47%	1.973%
48	12.604	1752	1754	1757	rVV3	243029	322008	4.19%	0.571%
49	12.645	1759	1761	1765	rVV2	170778	252635	3.29%	0.448%
50	12.733	1769	1776	1781	rVV	2050474	2595341	33.78%	4.604%
51	12.786	1781	1785	1788	rVB2	136326	193864	2.52%	0.344%
52	12.868	1793	1799	1802	rBV	2152566	2047900	26.65%	3.633%
53	12.951	1808	1813	1816	rBV2	165084	295627	3.85%	0.524%
54	13.027	1823	1826	1828	rBV2	212526	239320	3.11%	0.425%
55	13.057	1828	1831	1834	rVB	474734	470837	6.13%	0.835%
56	13.098	1835	1838	1839	rBV2	159928	146081	1.90%	0.259%
57	13.121	1839	1842	1845	rVV	488487	442579	5.76%	0.785%
58	13.163	1845	1849	1851	rVV2	364209	386844	5.03%	0.686%
59	13.192	1852	1854	1856	rVB3	175118	138918	1.81%	0.246%
60	13.251	1861	1864	1867	rBV	241119	196012	2.55%	0.348%
61	13.280	1867	1869	1873	rBV	227856	236024	3.07%	0.419%
62	13.539	1910	1913	1915	rBV2	133497	150017	1.95%	0.266%
63	13.568	1915	1918	1922	rVV2	170286	210614	2.74%	0.374%
64	13.627	1925	1928	1931	rVB	176826	172146	2.24%	0.305%
65	13.674	1931	1936	1939	rBV3	237888	422248	5.50%	0.749%
66	13.739	1943	1947	1951	rBV3	118432	234525	3.05%	0.416%
67	13.921	1974	1978	1981	rBV2	1135871	1458164	18.98%	2.587%
68	13.957	1981	1984	1986	rVB	970506	811976	10.57%	1.440%
69	14.010	1991	1993	1995	rBV	208576	204249	2.66%	0.362%
70	14.274	2036	2038	2040	rBV	188301	174435	2.27%	0.309%
71	14.315	2040	2045	2048	rVV	544395	652331	8.49%	1.157%
72	14.351	2048	2051	2054	rVB	243192	222236	2.89%	0.394%
73	14.698	2108	2110	2113	rBV	172014	170401	2.22%	0.302%
74	14.733	2114	2116	2120	rVB	256117	254810	3.32%	0.452%
75	14.804	2126	2128	2132	rBV3	141851	179531	2.34%	0.318%
76	14.962	2151	2155	2158	rBV	637517	905865	11.79%	1.607%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.062	2170	2172	2176	rVB	138960	128256	1.67%	0.228%
78	15.257	2201	2205	2210	rVB	442318	528523	6.88%	0.938%
79	15.321	2212	2216	2221	rVB	663479	822311	10.70%	1.459%
80	15.380	2222	2226	2228	rBV	303766	361562	4.71%	0.641%

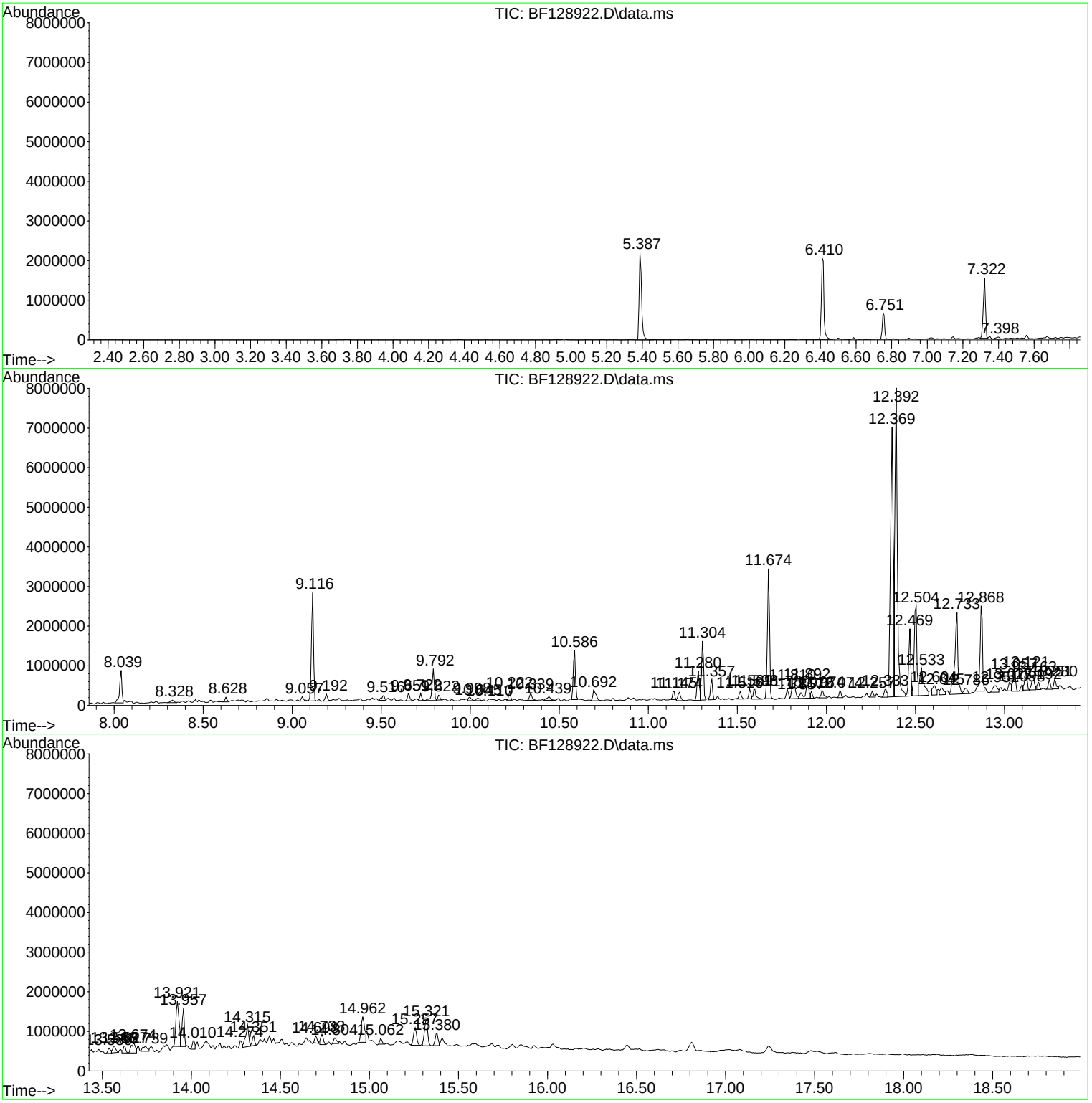
Sum of corrected areas: 56375225

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

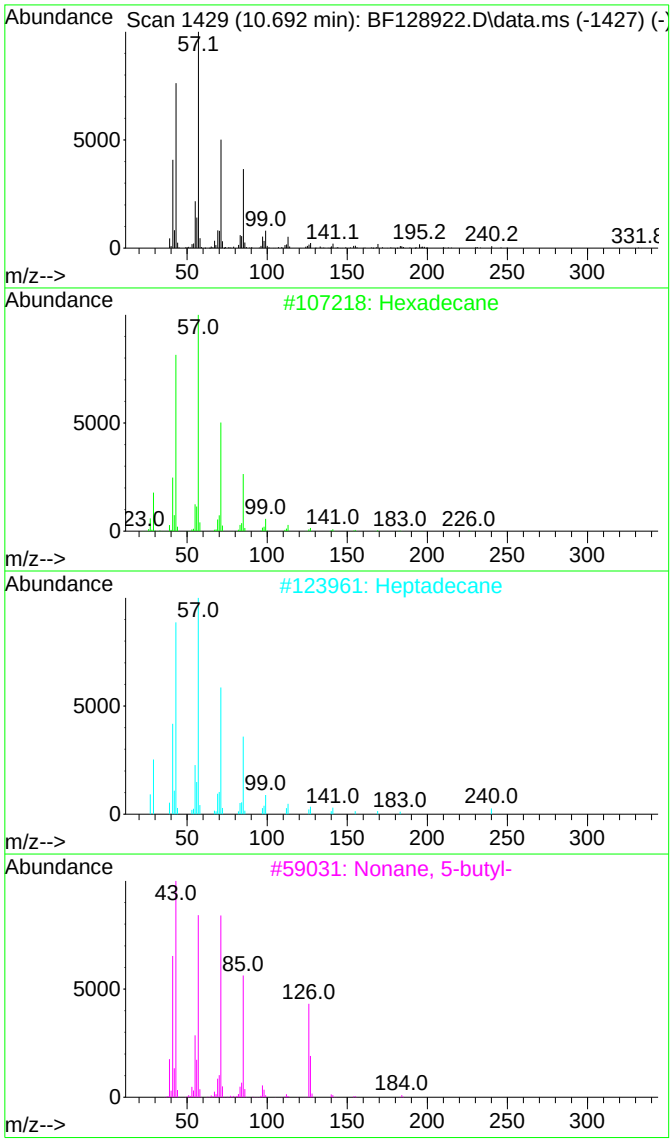
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

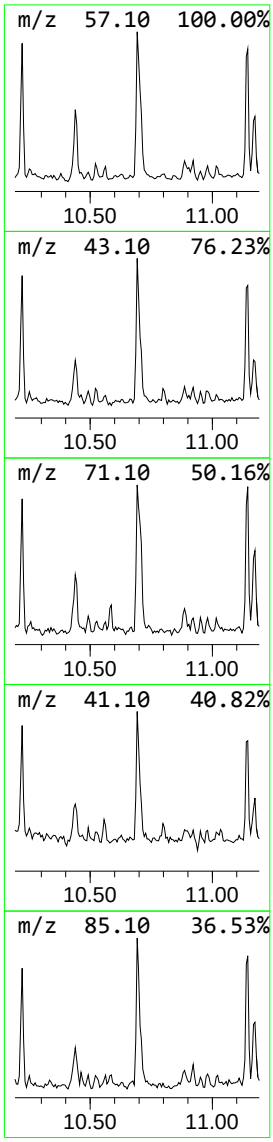
****

Peak Number 1 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	10.20 ng	341374	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

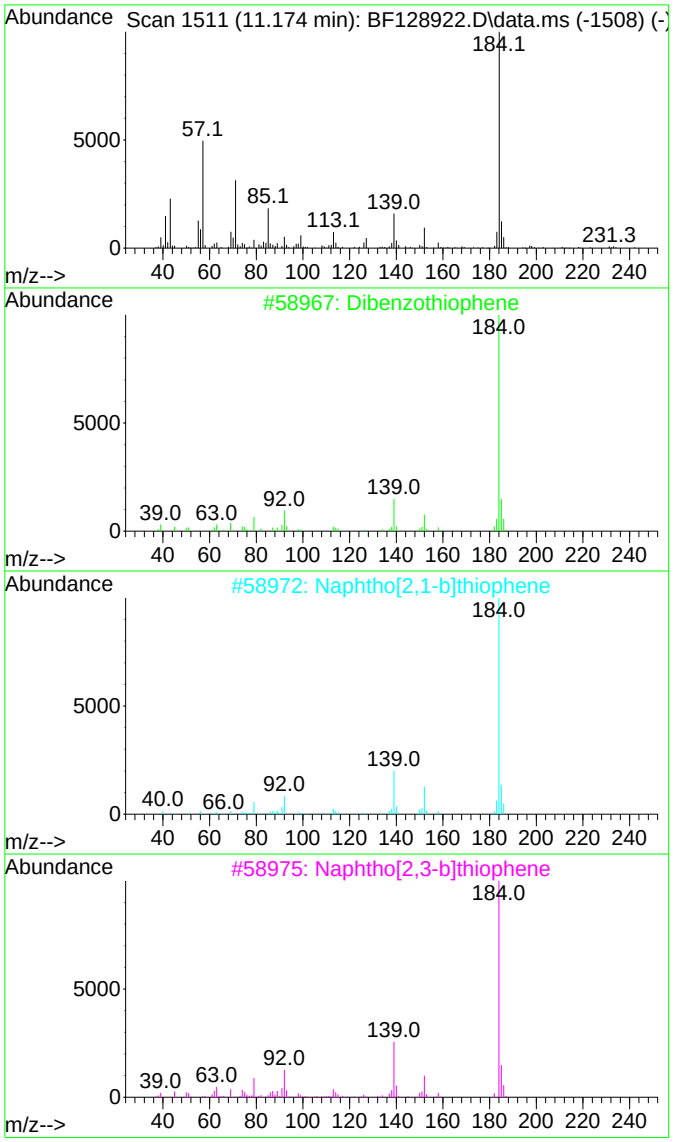
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

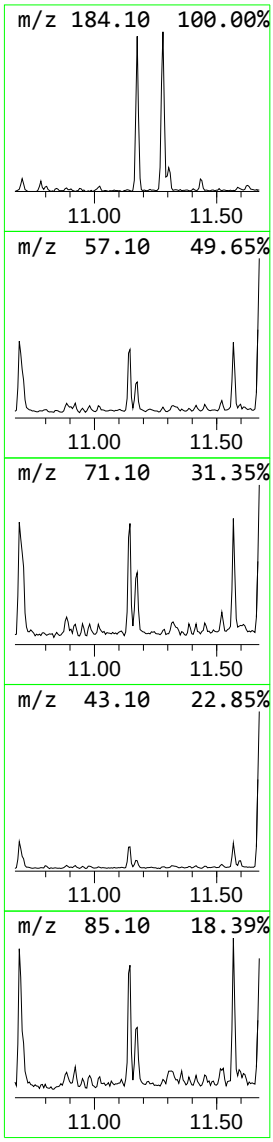
****

Peak Number 2 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	6.37 ng	213177	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	89
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

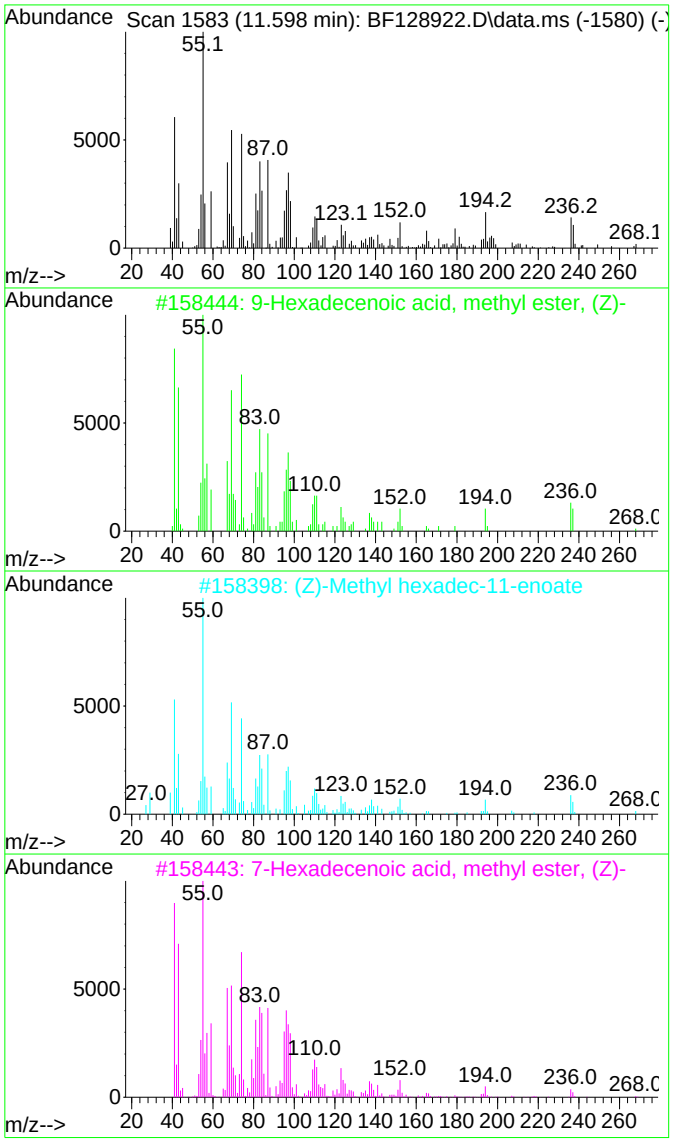
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

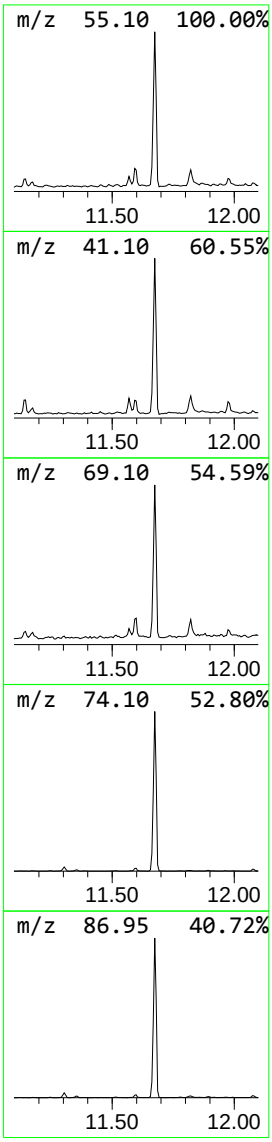
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Hexadecenoic acid, methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.598	8.24 ng	275974	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	(Z)-Methyl hexadec-11-enoate	268	C17H32O2	000822-05-9	98
3	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	95
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
5	14-Methylpentadec-6-enoic acid, ...	268	C17H32O2	1000505-98-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

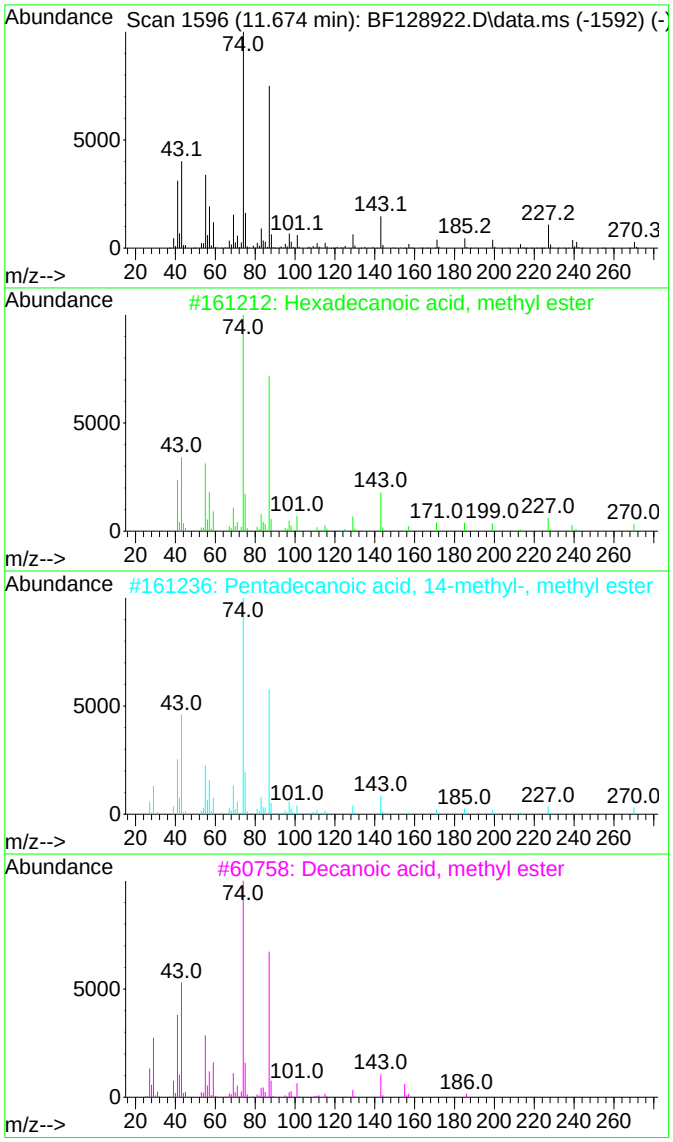
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

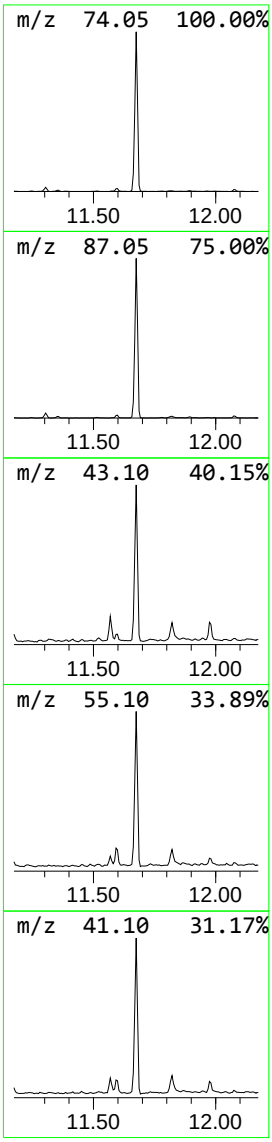
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.674	79.06 ng	2646580	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

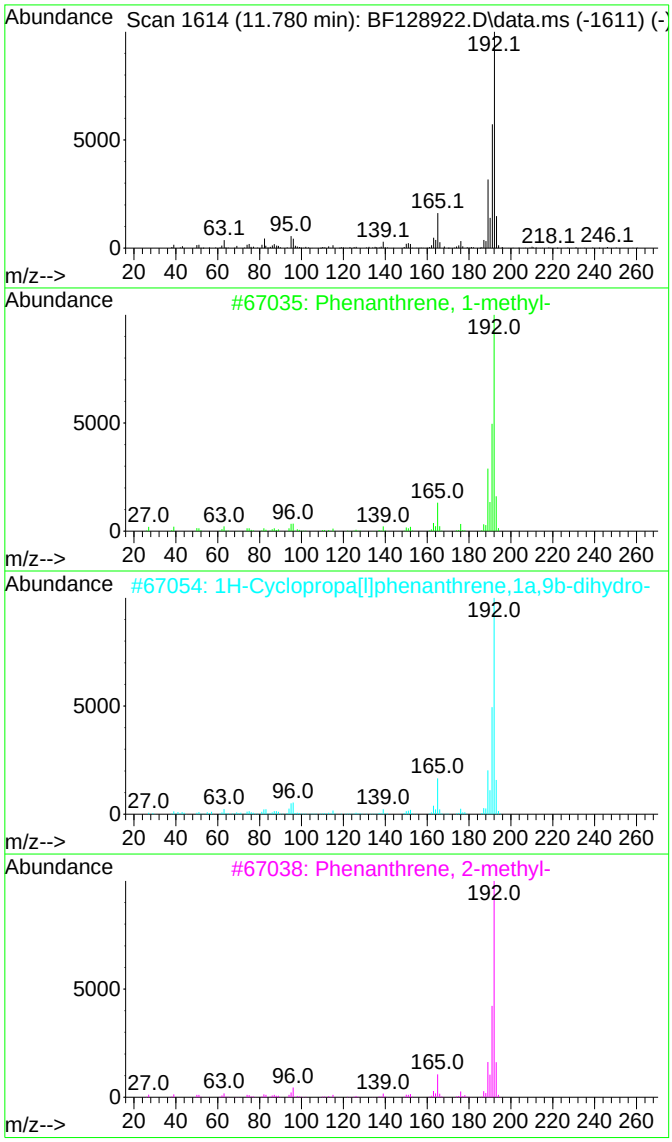
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

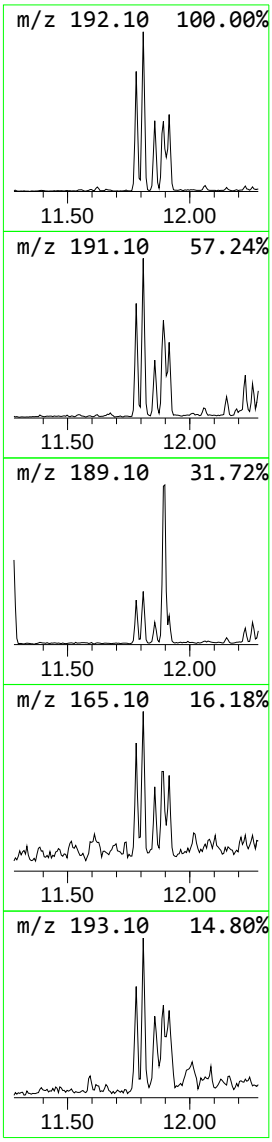
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	6.08 ng	203548	Phenanthrene-d10	11.280

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

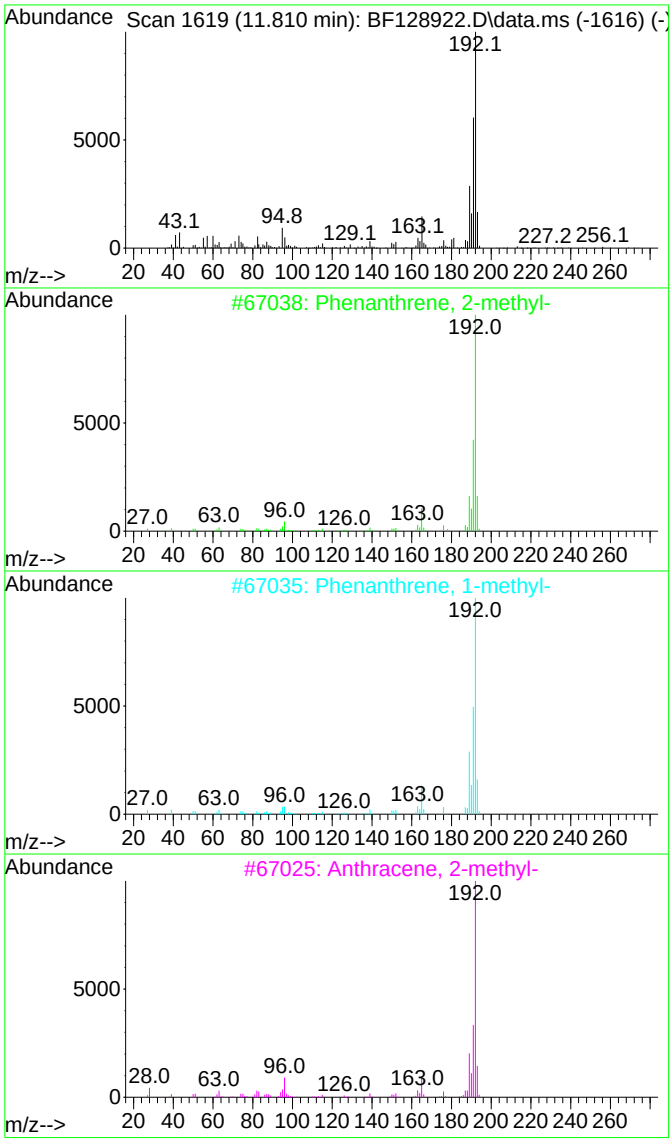
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

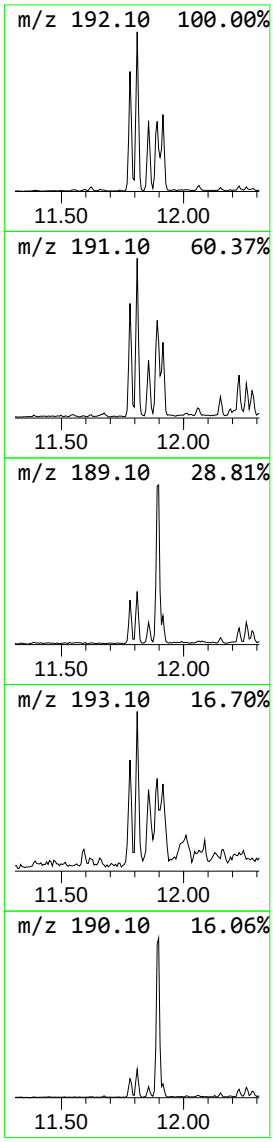
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	17.55 ng	587454	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

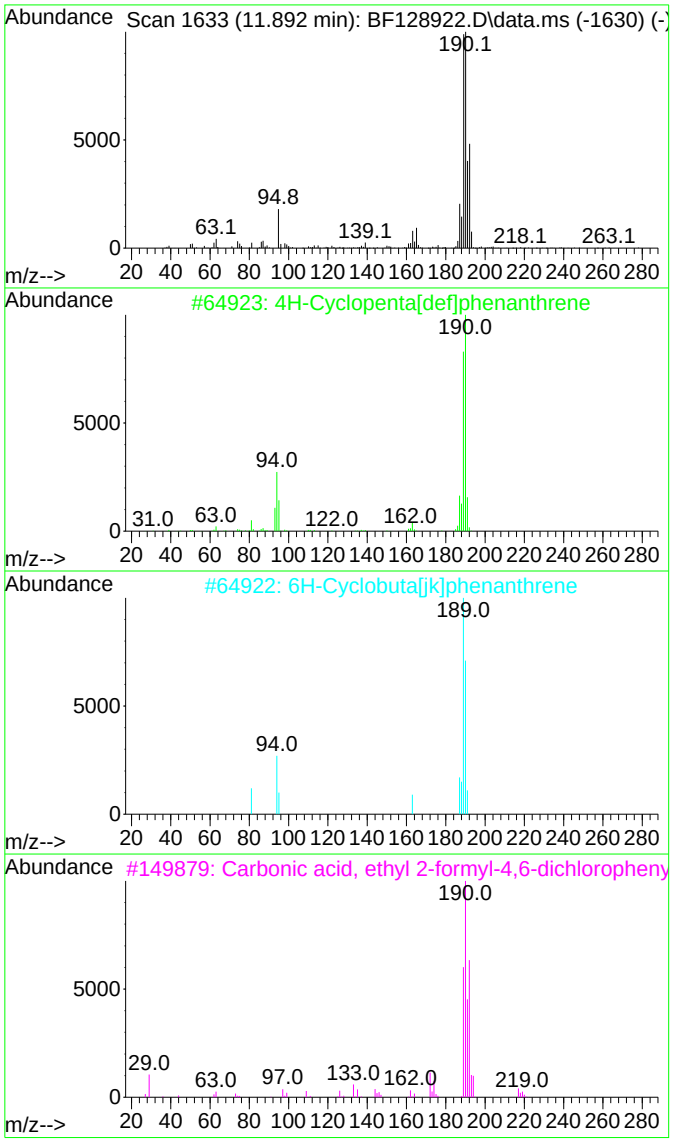
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

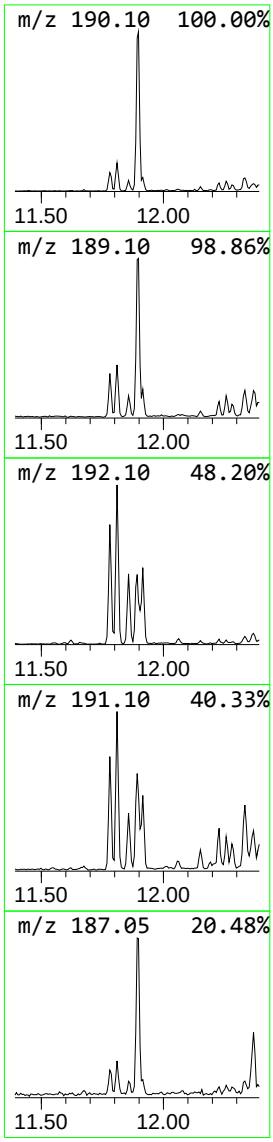
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	13.34 ng	446474	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

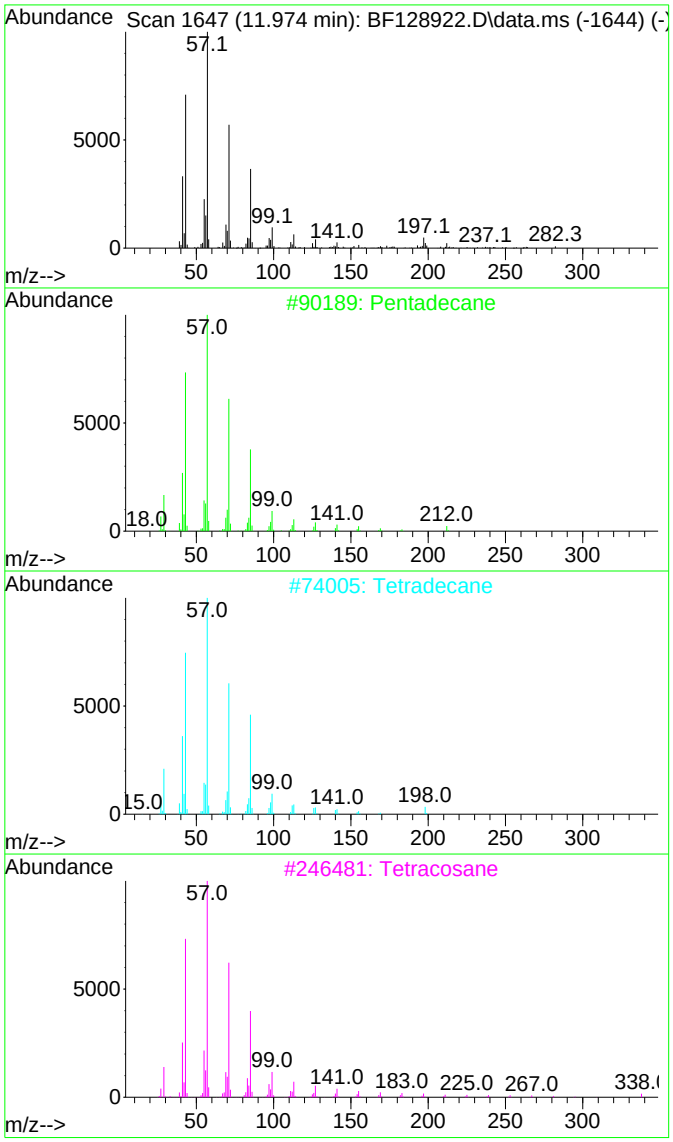
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

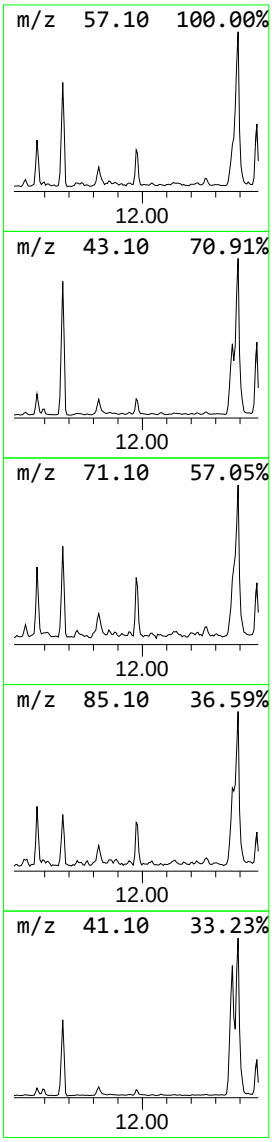
****

Peak Number 8 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	6.14 ng	205695	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Tetradecane	198	C14H30	000629-59-4	93
3	Tetracosane	338	C24H50	000646-31-1	87
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

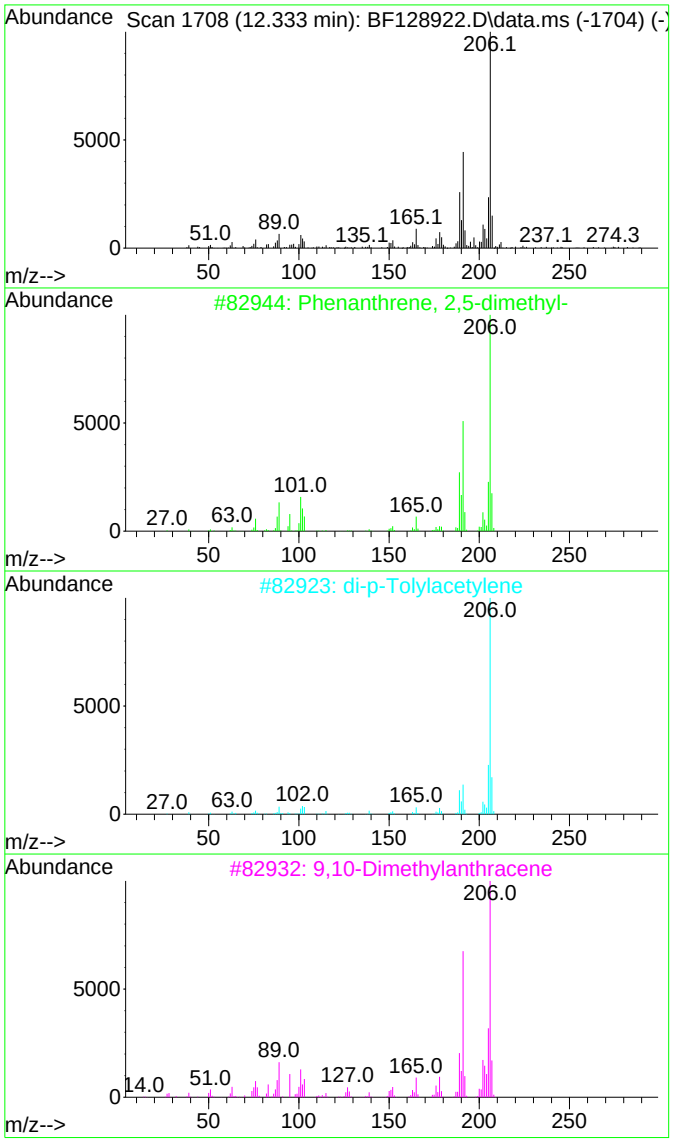
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

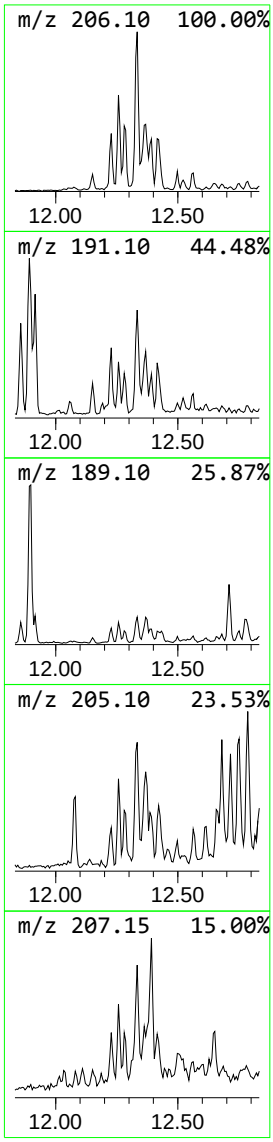
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	7.32 ng	245102	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

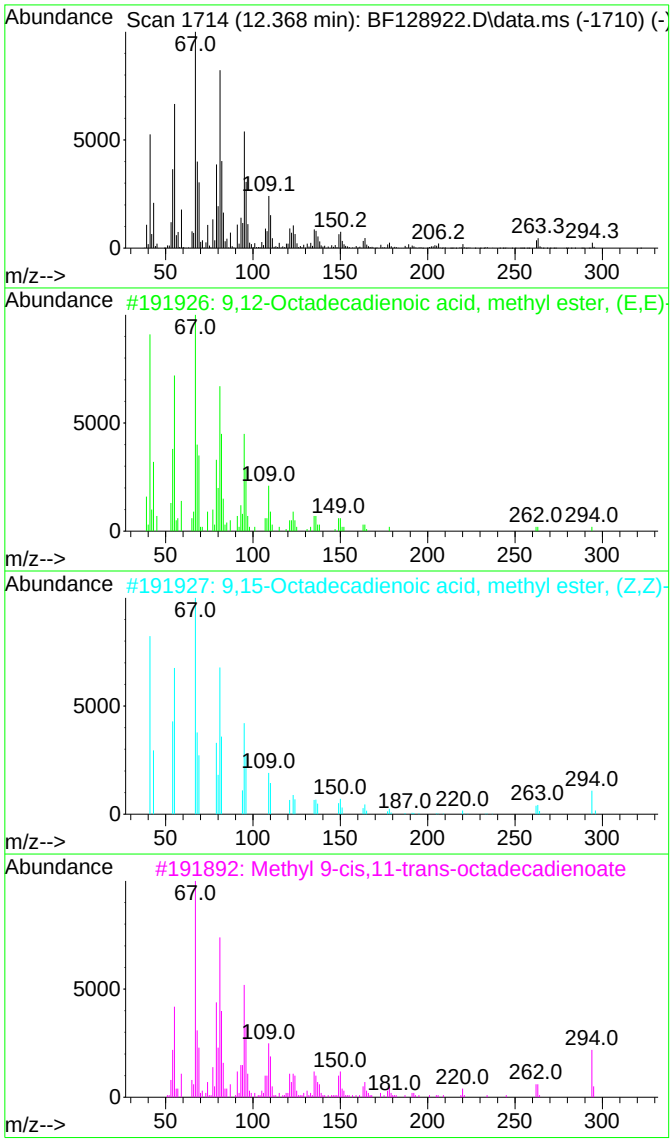
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

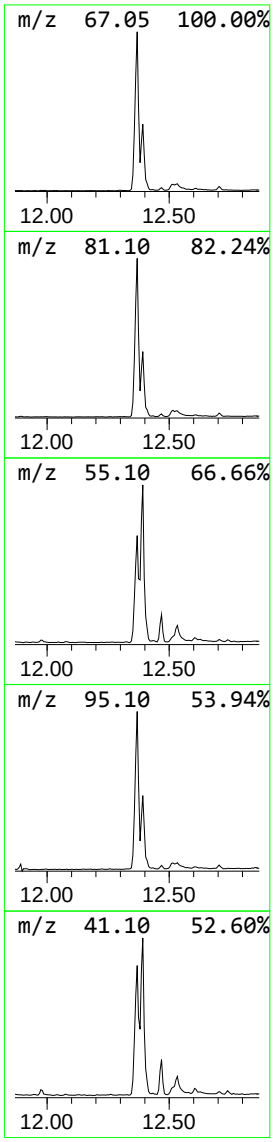
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	229.52 ng	7683660	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

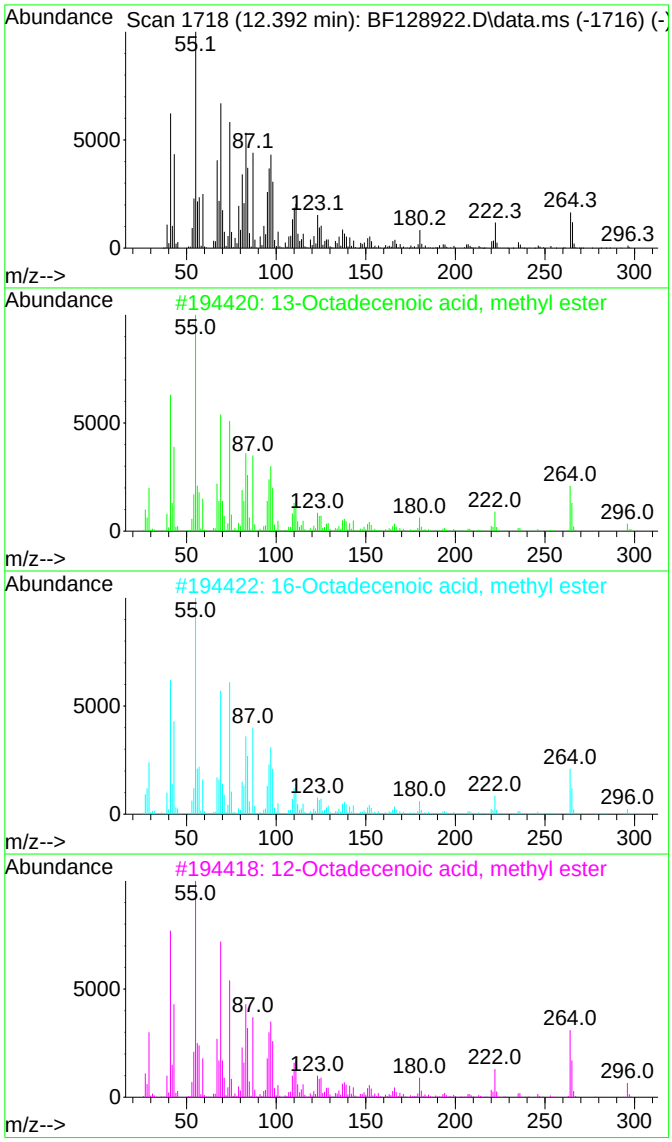
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

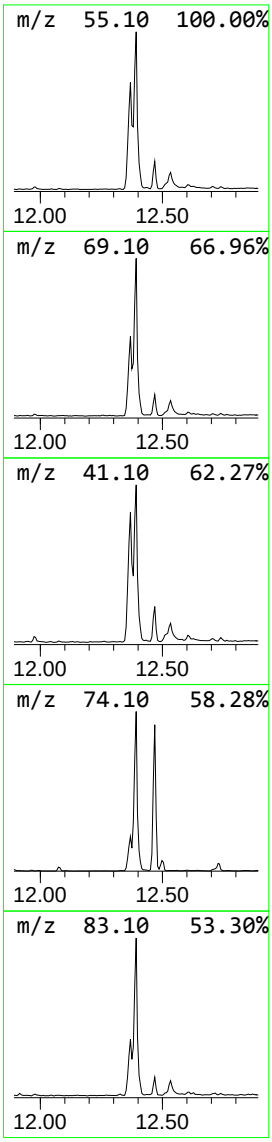
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 13-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	206.66 ng	6918390	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

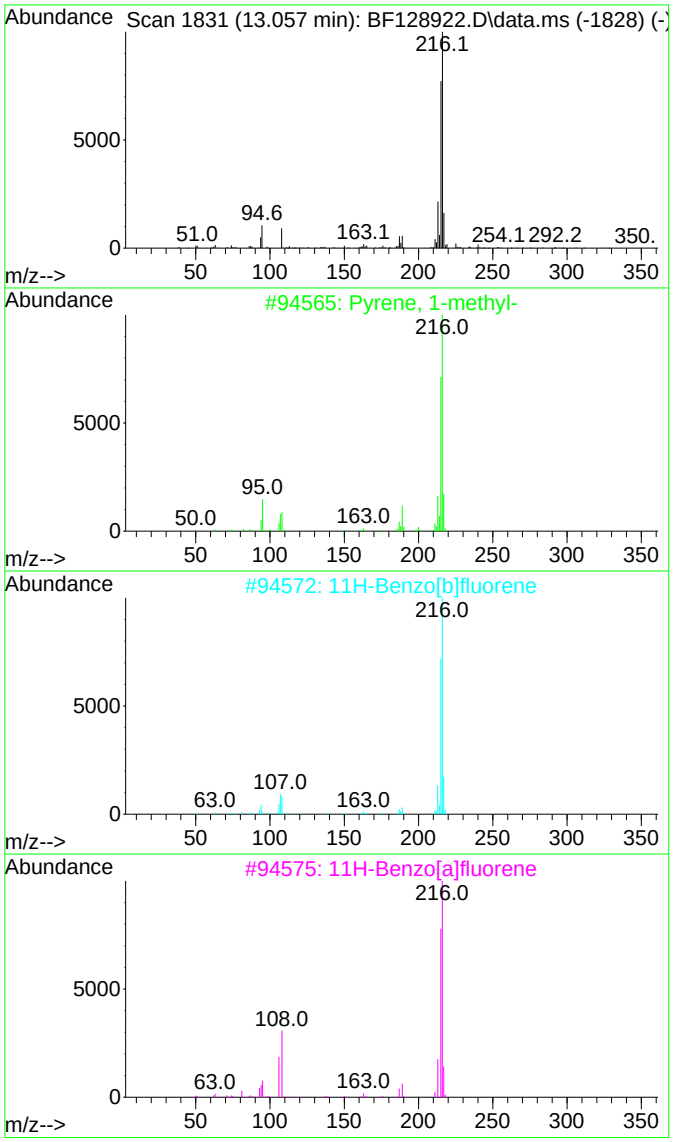
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

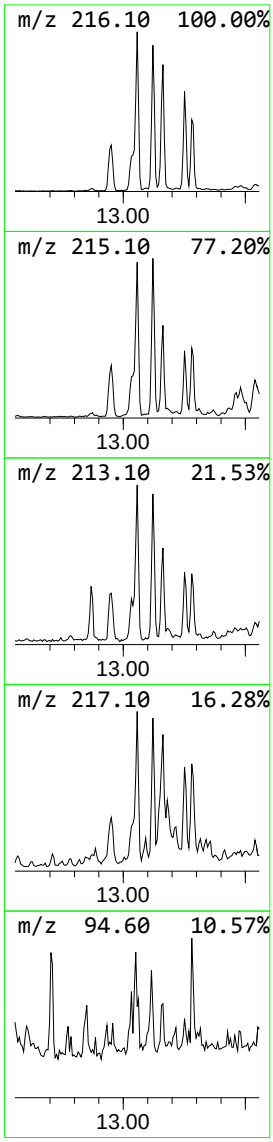
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	6.46 ng	470837	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

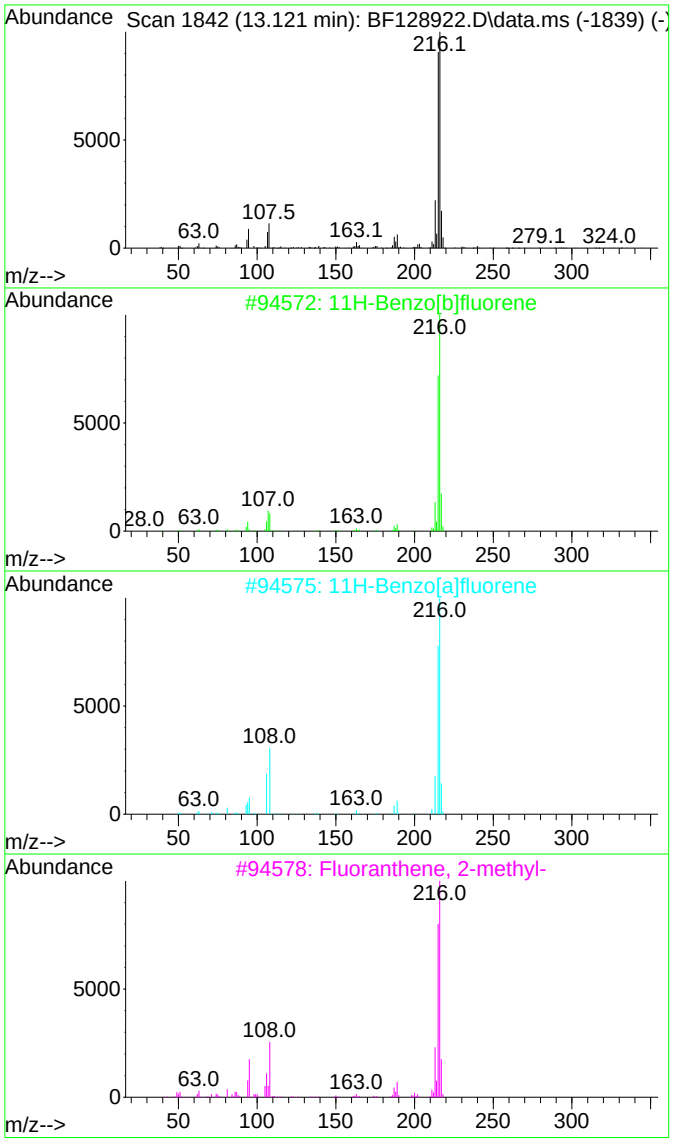
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

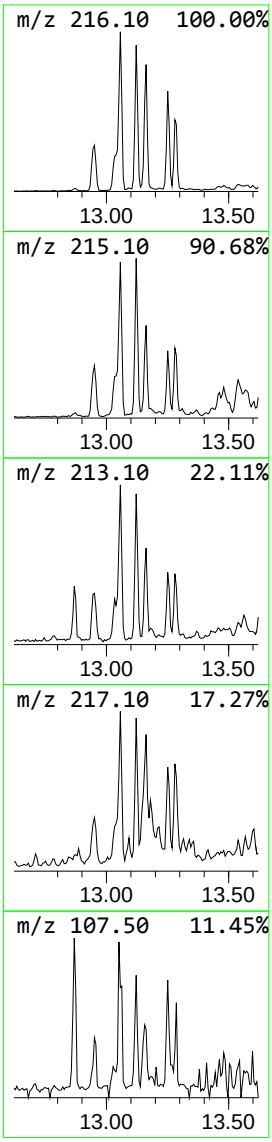
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	6.07 ng	442579	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

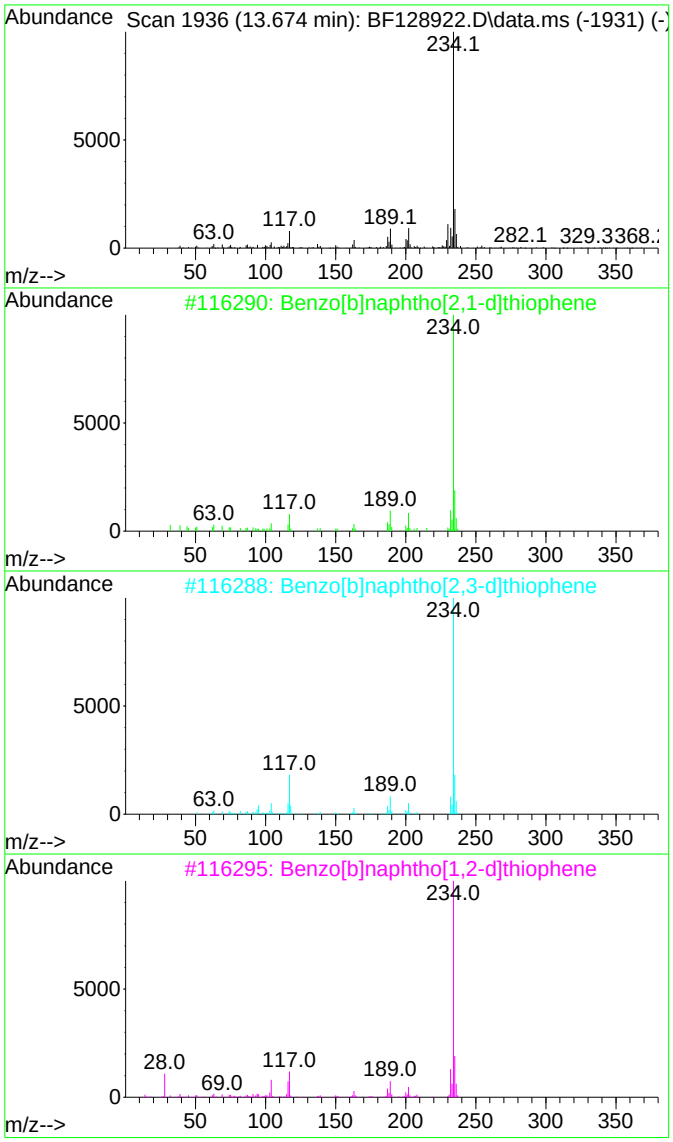
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

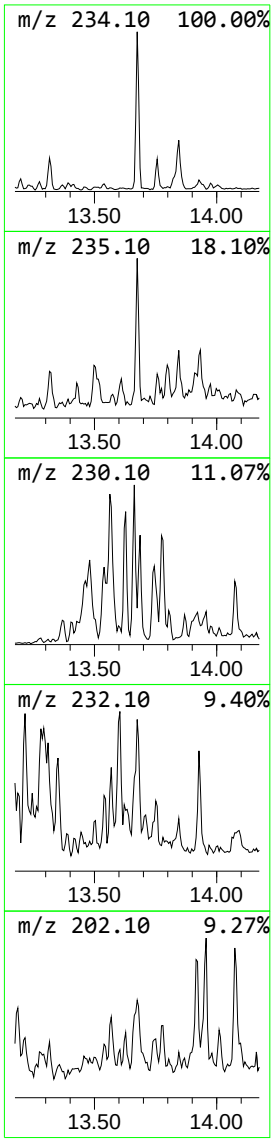
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	5.79 ng	422248	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	64
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

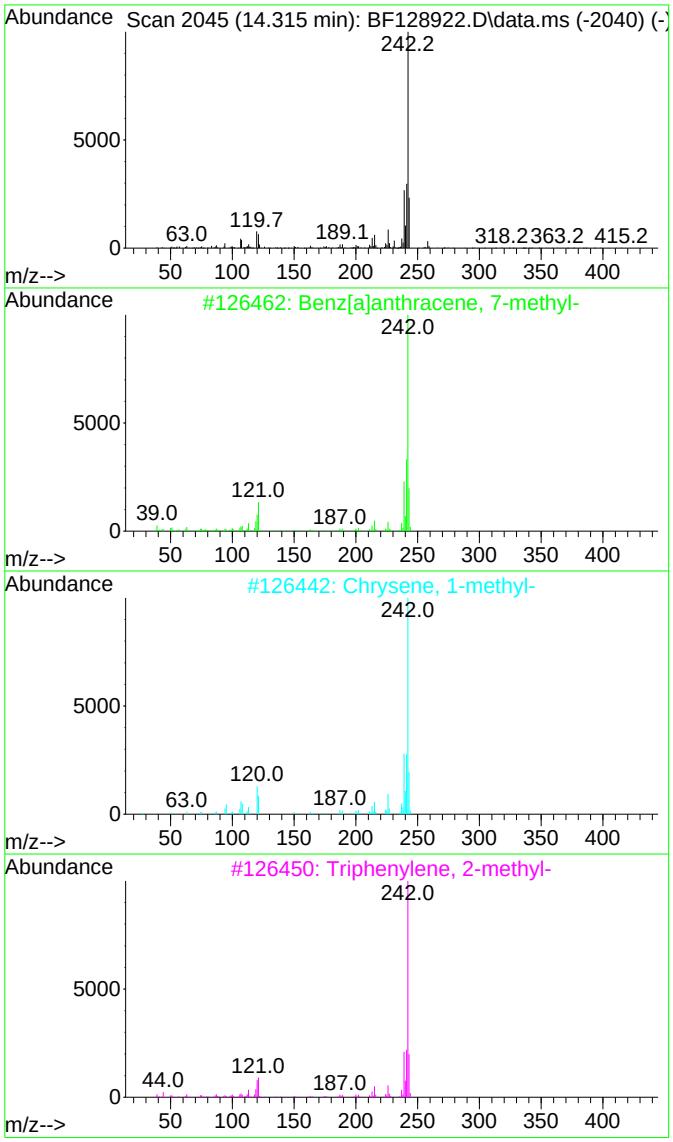
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

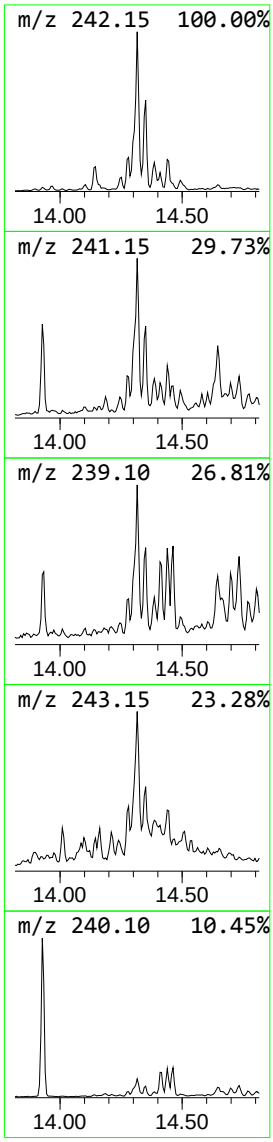
****

Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.315	8.95 ng	652331	Chrysene-d12	13.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

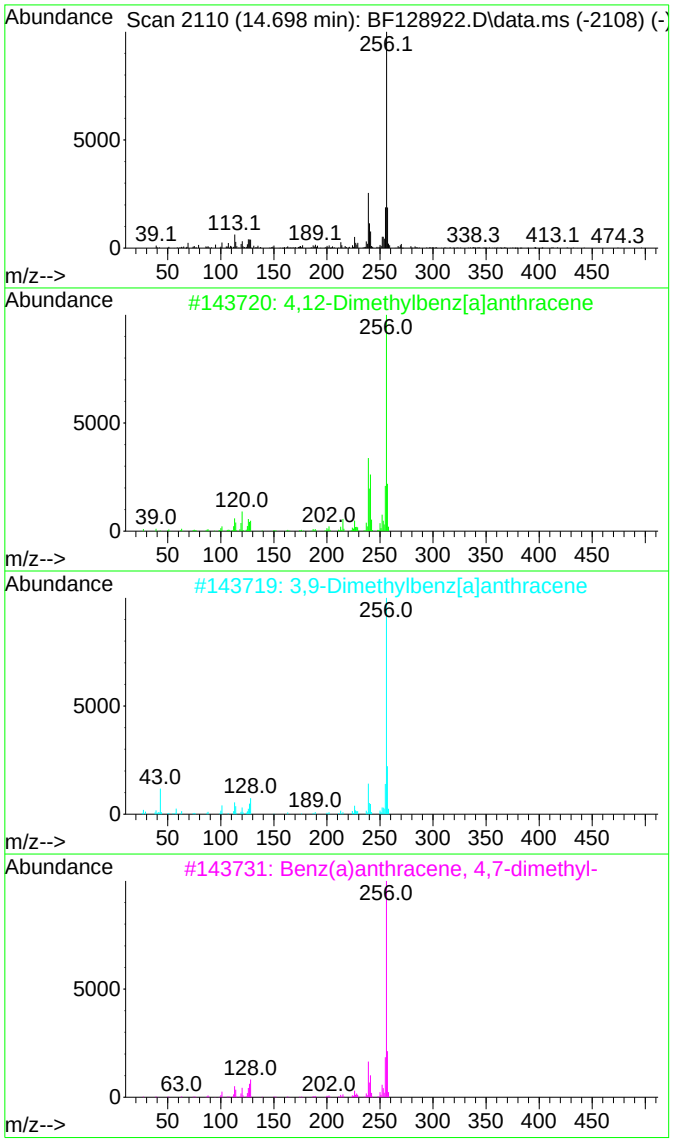
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

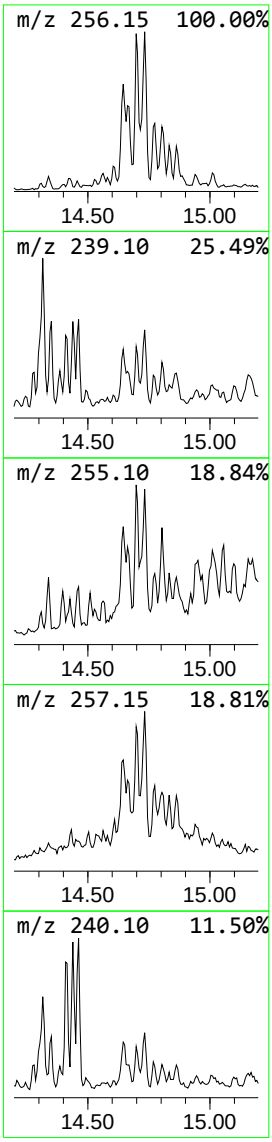
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4,12-Dimethylbenz[a]anthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	9.43 ng	170401	Perylene-d12	15.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	93
2	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	91
3	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	90
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	90
5	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

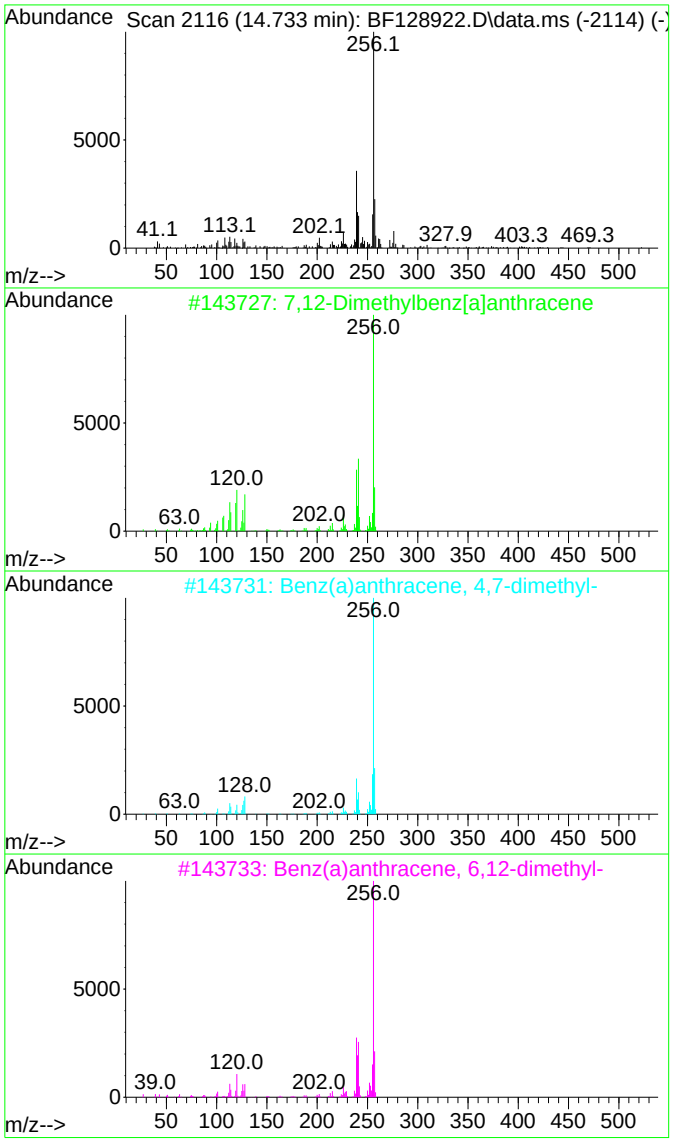
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

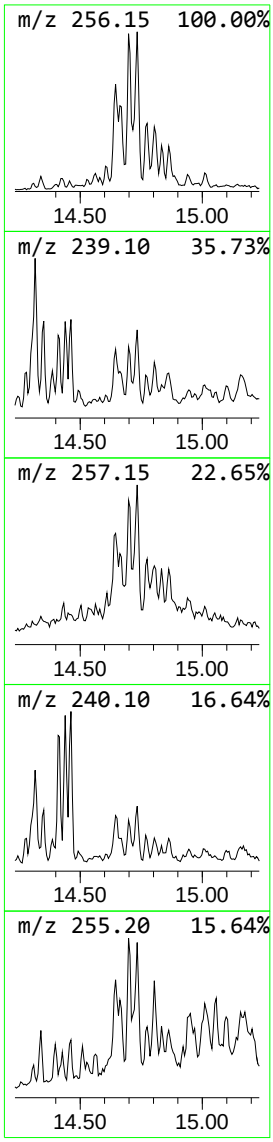
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 7,12-Dimethylbenz[a]anthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	14.10 ng	254810	Perylene-d12	15.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	87
2	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	87
3	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	83
4	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	80
5	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

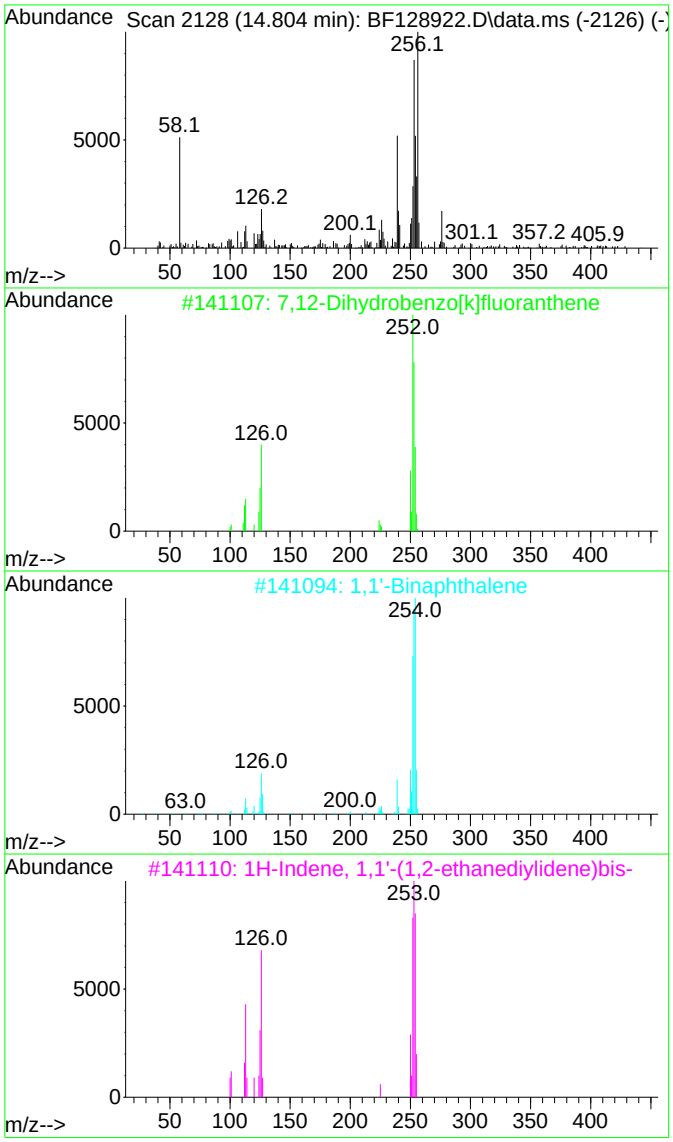
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

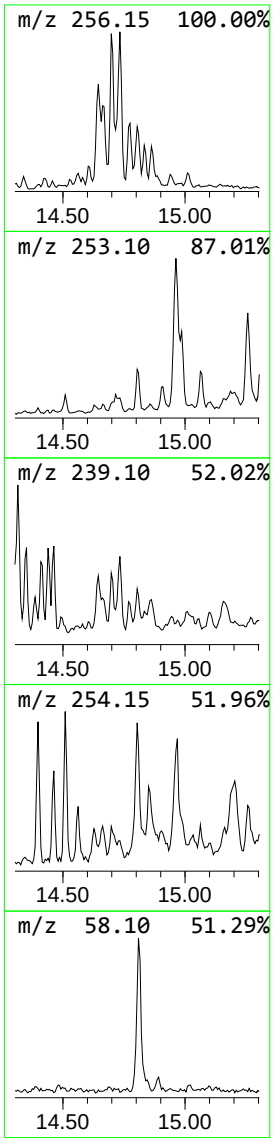
****

Peak Number 18 unknown14.804 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	9.93 ng	179531	Perylene-d12	15.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	38
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	38
3	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	38
4	9H-Fluorene-9-methanol, .alpha.-...	314	C22H18O2	063839-89-4	30
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

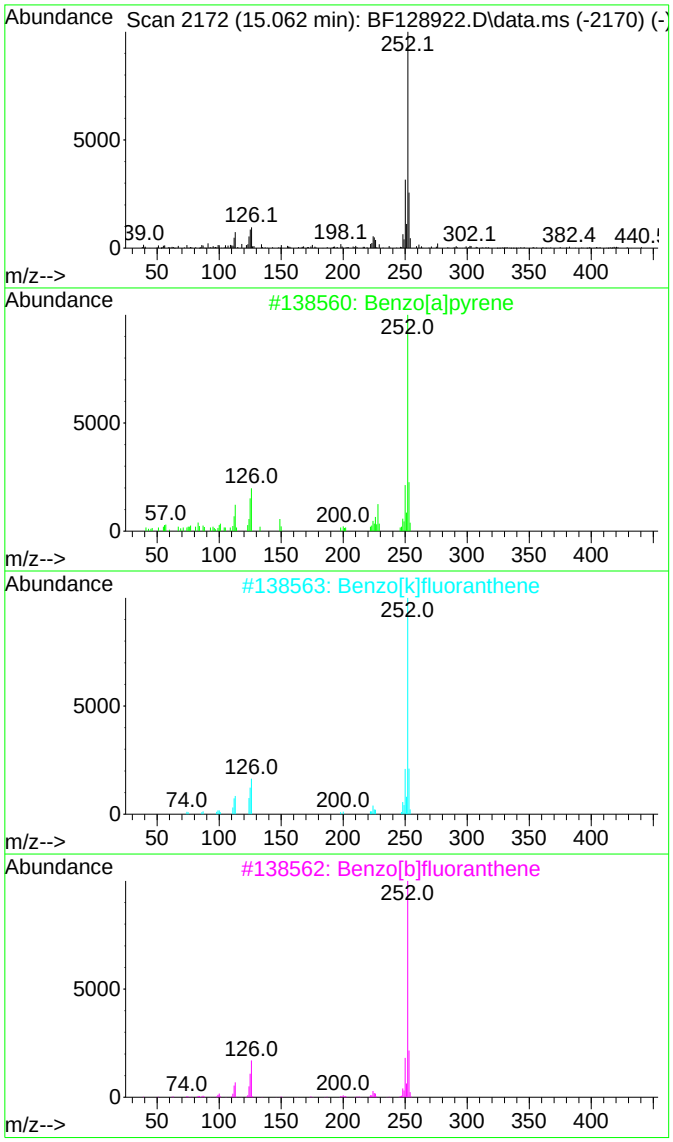
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

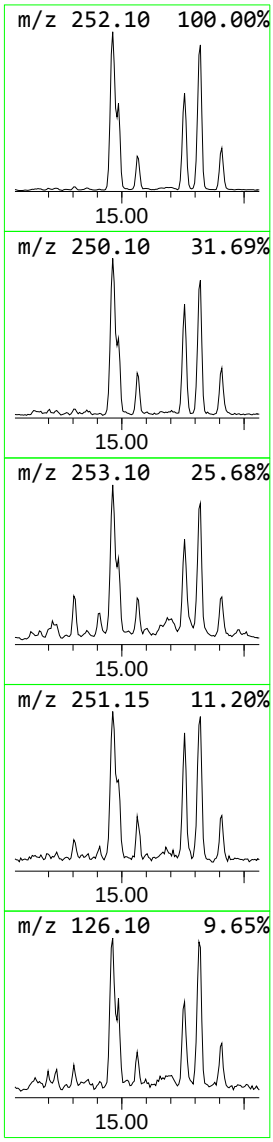
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (1-Cyclopentenyl)ferrocene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.063	7.09 ng	128256	Perylene-d12	15.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	86
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

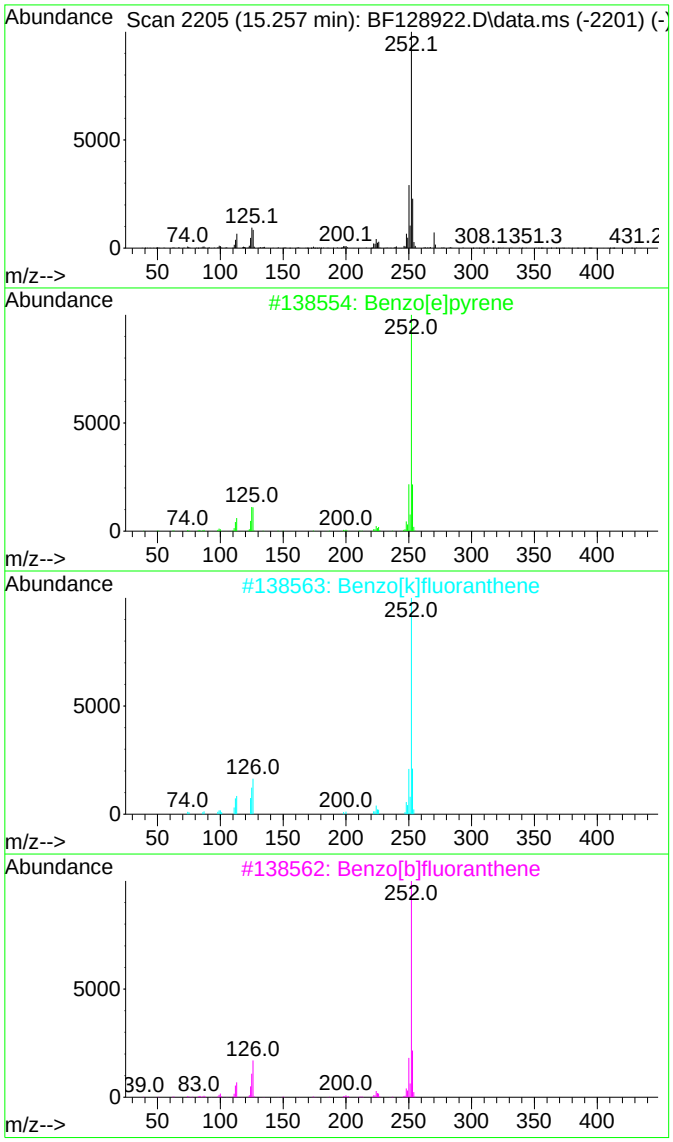
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

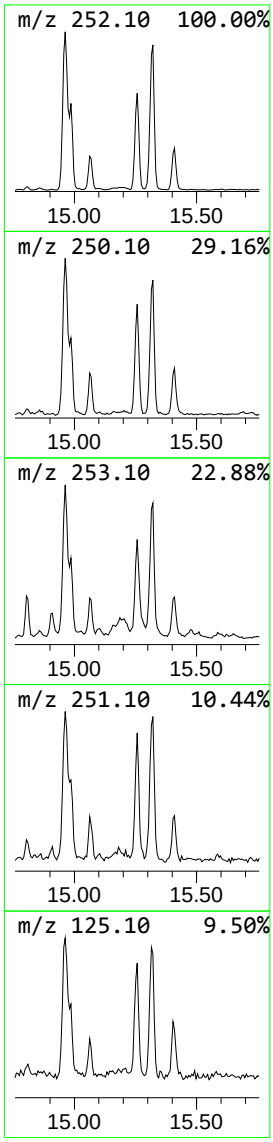
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	29.24 ng	528523	Perylene-d12	15.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128922.D
Acq On : 22 Jun 2022 03:13
Operator : CG\JU
Sample : N3413-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
Hexadecane	10.692	10.2	ng	341374	4	11.280	669539	20.0
Dibenzothiophene	11.175	6.4	ng	213177	4	11.280	669539	20.0
9-Hexadecenoic ...	11.598	8.2	ng	275974	4	11.280	669539	20.0
Hexadecanoic ac...	11.674	79.1	ng	2646580	4	11.280	669539	20.0
Phenanthrene, 1...	11.780	6.1	ng	203548	4	11.280	669539	20.0
Phenanthrene, 2...	11.810	17.6	ng	587454	4	11.280	669539	20.0
4H-Cyclopenta[d...	11.892	13.3	ng	446474	4	11.280	669539	20.0
Pentadecane	11.974	6.1	ng	205695	4	11.280	669539	20.0
Phenanthrene, 2...	12.333	7.3	ng	245102	4	11.280	669539	20.0
9,12-Octadecadi...	12.368	229.5	ng	7683660	4	11.280	669539	20.0
13-Octadecenoic...	12.392	206.7	ng	6918390	4	11.280	669539	20.0
Pyrene, 1-methyl-	13.057	6.5	ng	470837	5	13.927	1458160	20.0
11H-Benzo[b]flu...	13.121	6.1	ng	442579	5	13.927	1458160	20.0
Benzo[b]naphtho...	13.674	5.8	ng	422248	5	13.927	1458160	20.0
Benz[a]anthrace...	14.315	8.9	ng	652331	5	13.927	1458160	20.0
4,12-Dimethylbe...	14.698	9.4	ng	170401	6	15.380	361562	20.0
7,12-Dimethylbe...	14.733	14.1	ng	254810	6	15.380	361562	20.0
unknown14.804	14.804	9.9	ng	179531	6	15.380	361562	20.0
(1-Cyclopenteny...	15.063	7.1	ng	128256	6	15.380	361562	20.0
Benzo[e]pyrene	15.257	29.2	ng	528523	6	15.380	361562	20.0