LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126235.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	492	496	506	rVB	270923	277853	7.94%	0.519%
2	5.416	562	566	569	rBV	1244079	1083297	30.94%	2.024%
3	6.428	734	738	744	rBV	1202705	1067673	30.50%	1.995%
4	6.816	800	804	807	rBV	1843655	1437207	41.05%	2.686%
5	7.369	894	898	902	rBV	828252	669464	19.12%	1.251%
6	8.098	1018	1022	1025	rBV	2353384	1926878	55.04%	3.601%
7	8.810	1138	1143	1146	rVB	163229	127235	3.63%	0.238%
8	8.910	1156	1160	1164	rBV	162741	132654	3.79%	0.248%
9	9.175	1201	1205	1208	rBV	1429512	1076494	30.75%	2.012%
10	9.263	1216	1220	1225	rBV2	113121	127291	3.64%	0.238%
11	9.439	1245	1250	1253	rBV2	113118	153819	4.39%	0.287%
12	9.510	1259	1262	1265	rBV	190348	175723	5.02%	0.328%
13	9.539	1265	1267	1269	rVV	119375	86050	2.46%	0.161%
14	9.569	1269	1272	1277	rVV3	63281	105160	3.00%	0.197%
15	9.627	1280	1282	1287	rVB2	103451	104920	3.00%	0.196%
16	9.710	1293	1296	1302	rBV	206921	199121	5.69%	0.372%
17	9.792	1308	1310	1315	rVB	140554	102631	2.93%	0.192%
18	9.851	1315	1320	1323	rBV	1873294	1694265	48.39%	3.166%
19	9.886	1323	1326	1329	rVB	269574	236746	6.76%	0.442%
20	10.057	1352	1355	1358	rVB	244849	204510	5.84%	0.382%
21	10.092	1358	1361	1364	rBV	102428	91907	2.63%	0.172%
22	10.263	1385	1390	1391	rBV3	66730	78174	2.23%	0.146%
23	10.292	1392	1395	1399	rVB2	176744	149664	4.27%	0.280%
24	10.398	1410	1413	1419	rVB	428060	380837	10.88%	0.712%
25	10.463	1419	1424	1426	rBV2	69915	86776	2.48%	0.162%
26	10.510	1430	1432	1435	rVV2	110521	122147	3.49%	0.228%
27	10.557	1437	1440	1445	rVV3	96518	114257	3.26%	0.214%
28	10.633	1449	1453	1458	rVV2	583161	536128	15.31%	1.002%
29	10.763	1472	1475	1483	rVV	277128	306783	8.76%	0.573%
30	10.945	1501	1506	1509	rVV2	128260	183431	5.24%	0.343%
31	10.974	1509	1511	1513	rVV2	108935	98471	2.81%	0.184%
32	11.027	1517	1520	1523	rVV	87991	92897	2.65%	0.174%
33	11.074	1523	1528	1529	rVV5	58160	83702	2.39%	0.156%
34	11.098	1529	1532	1536	rVV3	76923	111931	3.20%	0.209%
35	11.139	1536	1539	1544	rVV4	58862	84489	2.41%	0.158%
36	11.216	1549	1552	1553	rVV	181004	168736	4.82%	0.315%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.233	1553	1555	1562	rVB2	174272	210708	6.02%	0.394%
38	11.333	1569	1572	1574	rBV	1299888	1232935	35.22%	2.304%
39	11.363	1574	1577	1580	rVV	1999651	1696444	48.46%	3.170%
40	11.410	1580	1585	1588	rVB	617838	525388	15.01%	0.982%
41	11.445	1588	1591	1595	rBV2	86270	106698	3.05%	0.199%
42	11.563	1608	1611	1614	rVB	120490	94060	2.69%	0.176%
43	11.639	1621	1624	1626	rBV2	171236	149827	4.28%	0.280%
44	11.663	1626	1628	1635	rVV2	133193	131686	3.76%	0.246%
45	11.739	1637	1641	1647	rVB	1821224	1479722	42.27%	2.765%
46	11.839	1654	1658	1660	rBV	346983	311716	8.90%	0.582%
47	11.863	1660	1662	1667	rVB	507878	462930	13.22%	0.865%
48	11.910	1667	1670	1673	rBV2	191920	175754	5.02%	0.328%
49	11.951	1673	1677	1679	rBV2	622167	673067	19.22%	1.258%
50	11.968	1679	1680	1686	rVB	267556	194220	5.55%	0.363%
51	12.045	1690	1693	1695	rBV2	103563	89793	2.56%	0.168%
52	12.133	1705	1708	1710	rBV	203142	188142	5.37%	0.352%
53	12.280	1731	1733	1736	rVB	113575	91629	2.62%	0.171%
54	12.316	1736	1739	1740	rBV	155483	127321	3.64%	0.238%
55	12.339	1740	1743	1745	rVB2	121335	122275	3.49%	0.228%
56	12.386	1745	1751	1754	rBV	394930	427566	12.21%	0.799%
57	12.427	1754	1758	1759	rBV2	2862871	2590066	73.98%	4.840%
58	12.445	1759	1761	1771	rVB	3246697	3501023	100.00%	6.542%
59	12.551	1773	1779	1782	rBV2	2707882	2994022	85.52%	5.595%
60	12.698	1802	1804	1808	rVB2	106692	102300	2.92%	0.191%
61	12.780	1812	1818	1820	rBV	2608877	2799445	79.96%	5.231%
62	12.798	1820	1821	1824	rVV2	152212	122951	3.51%	0.230%
63	12.839	1825	1828	1831	rVB2	159919	181615	5.19%	0.339%
64	12.892	1831	1837	1839	rBV	180687	234028	6.68%	0.437%
65	12.921	1839	1842	1849	rVB	912200	907858	25.93%	1.696%
66	12.992	1850	1854	1857	rBV3	282153	384499	10.98%	0.719%
67	13.104	1870	1873	1876	rVB	593974	576757	16.47%	1.078%
68	13.168	1881	1884	1887	rVV	515420	515515	14.72%	0.963%
69	13.210	1887	1891	1894	rVV2	446324	463786	13.25%	0.867%
70	13.257	1897	1899	1902	rVV4	98687	128880	3.68%	0.241%
71	13.298	1903	1906	1909	rVV	359212	337562	9.64%	0.631%
72	13.327	1909	1911	1916	rVV	355736	399013	11.40%	0.746%
73	13.368	1916	1918	1921	rVB4	109914	116065	3.32%	0.217%
74	13.510	1939	1942	1944	rBV	118898	133498	3.81%	0.249%
75	13.586	1952	1955	1956	rBV3	116731	115130	3.29%	0.215%
76	13.674	1967	1970	1973	rVB	128891	127343	3.64%	0.238%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

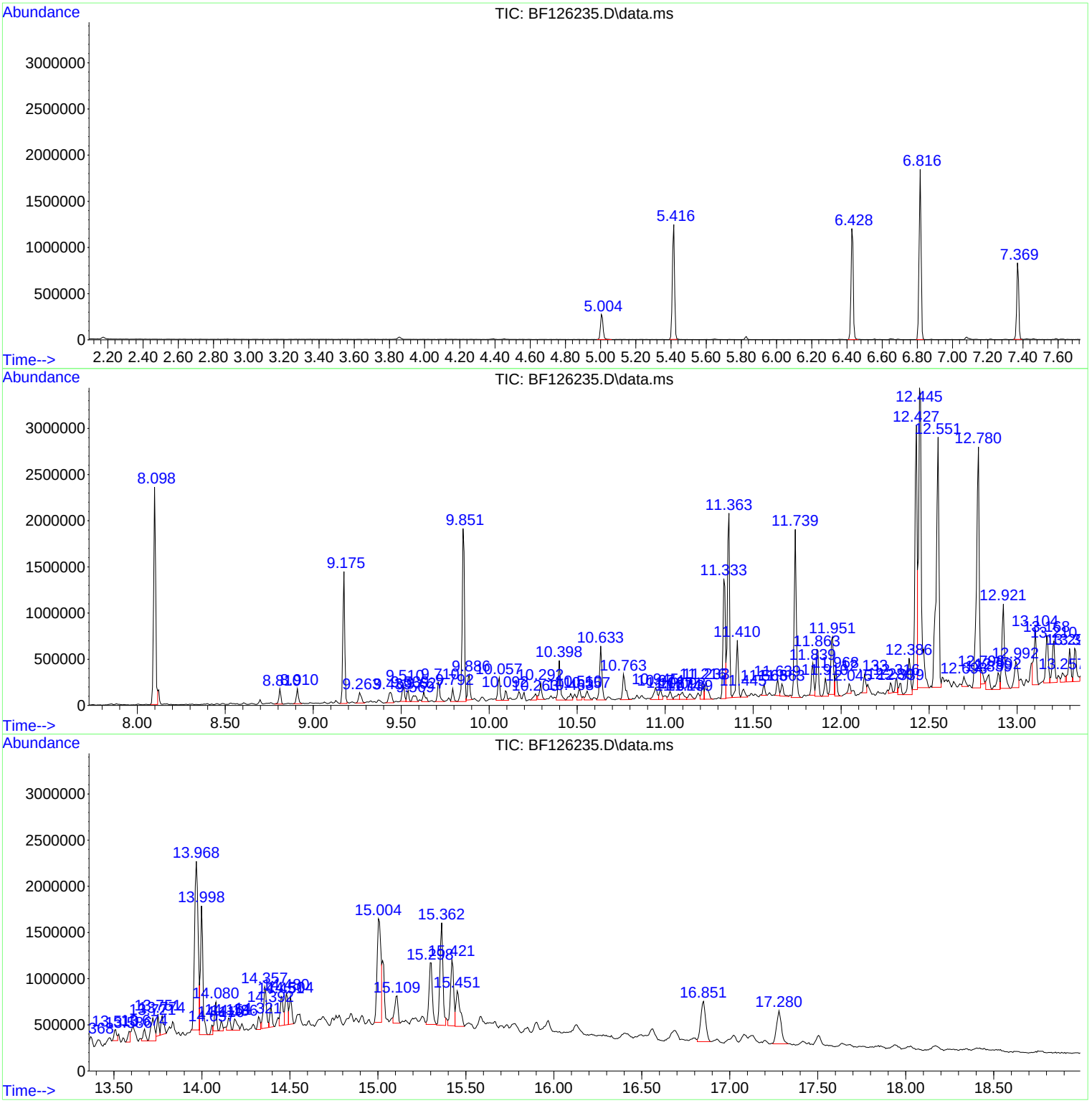
77	13.721	1973	1978	1981	rBV2	247812	376491	10.75%	0.704%
78	13.751	1981	1983	1985	rVV	235457	171027	4.89%	0.320%
79	13.774	1985	1987	1991	rVB2	192021	219166	6.26%	0.410%
80	13.968	2015	2020	2023	rBV2	1826080	2588870	73.95%	4.838%
81	13.998	2023	2025	2033	rVB	1394122	1288026	36.79%	2.407%
82	14.057	2033	2035	2036	rBV	102793	83419	2.38%	0.156%
83	14.080	2036	2039	2042	rVB	310991	260436	7.44%	0.487%
84	14.110	2042	2044	2046	rBV	112182	89608	2.56%	0.167%
85	14.151	2049	2051	2055	rVB2	129949	140085	4.00%	0.262%
86	14.186	2055	2057	2062	rBV2	121148	168364	4.81%	0.315%
87	14.321	2078	2080	2082	rBV	138742	134611	3.84%	0.252%
88	14.357	2083	2086	2090	rVV	447457	528496	15.10%	0.988%
89	14.392	2090	2092	2095	rVB	228230	193956	5.54%	0.362%
90	14.451	2100	2102	2105	rVV2	313913	376380	10.75%	0.703%
91	14.480	2105	2107	2109	rVV2	337746	360780	10.30%	0.674%
92	14.504	2109	2111	2114	rVB2	299685	278562	7.96%	0.521%
93	15.004	2192	2196	2199	rBV	1120793	1743062	49.79%	3.257%
94	15.109	2210	2214	2217	rVB2	296112	378977	10.82%	0.708%
95	15.298	2242	2246	2252	rVB	667336	890565	25.44%	1.664%
96	15.362	2252	2257	2261	rVV	1108491	1329434	37.97%	2.484%
97	15.421	2263	2267	2270	rVV	714641	918129	26.22%	1.716%
98	15.451	2270	2272	2279	rVB2	383811	583787	16.67%	1.091%
99	16.851	2504	2510	2517	rVB2	435727	838150	23.94%	1.566%
100	17.280	2577	2583	2592	rVB	357759	670788	19.16%	1.253%

Sum of corrected areas: 53513727

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

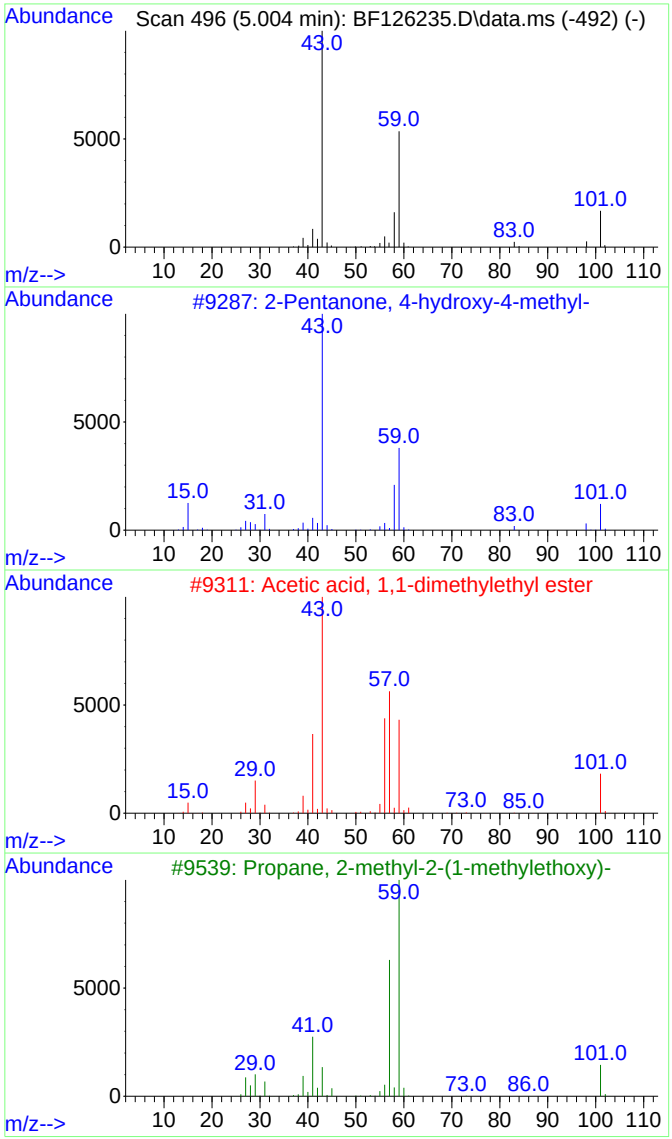
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

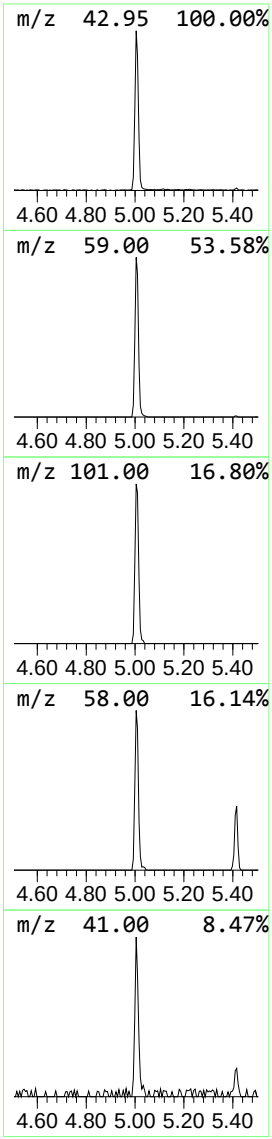
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	3.87 ng	277853	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

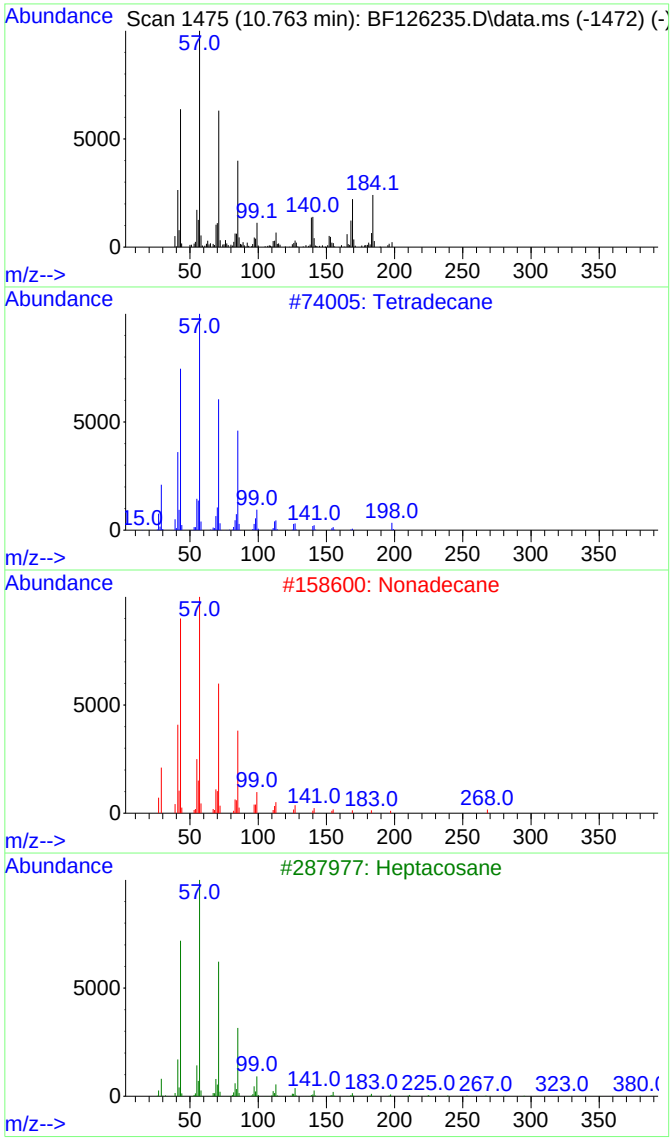
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

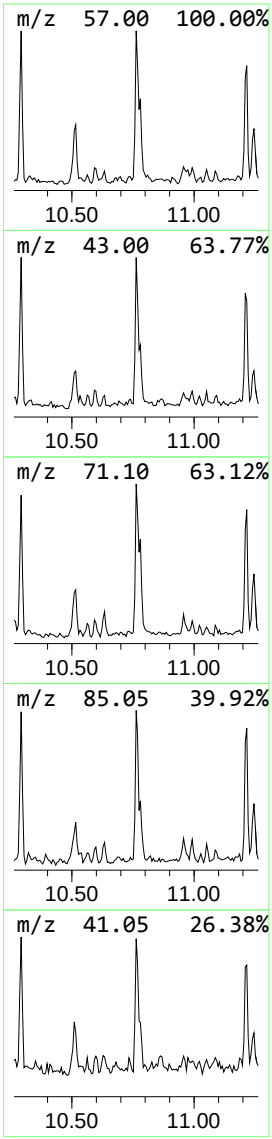
****

Peak Number 2 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	4.98 ng	306783	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Nonadecane	268	C19H40	000629-92-5	53
3	Heptacosane	380	C27H56	000593-49-7	53
4	Hexadecane	226	C16H34	000544-76-3	49
5	Heneicosane	296	C21H44	000629-94-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

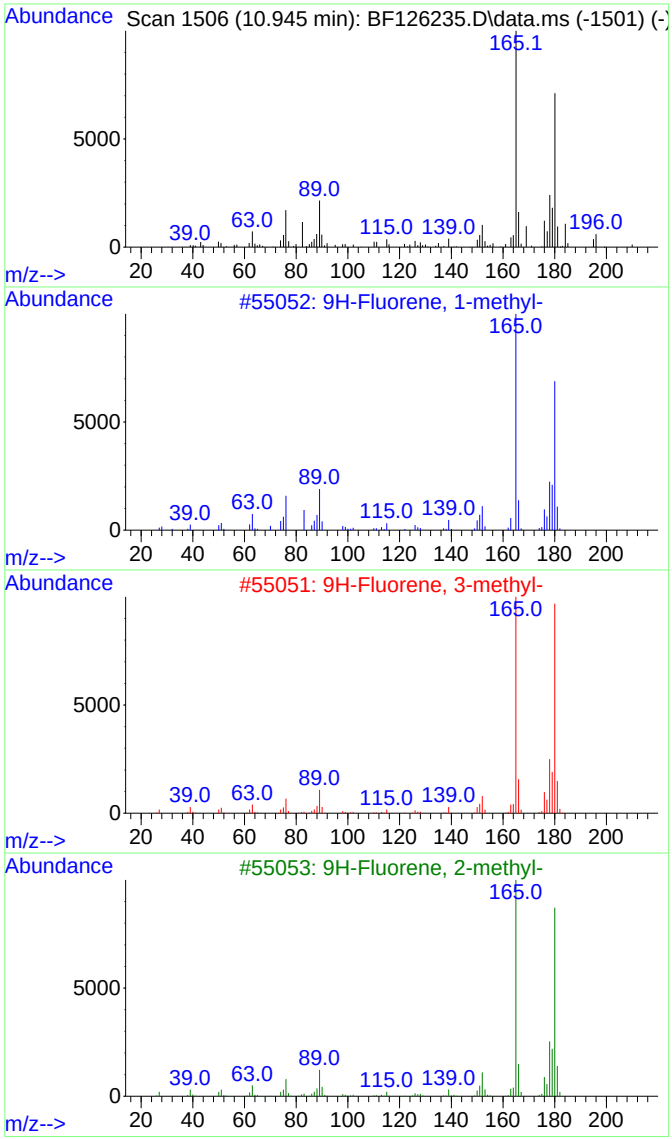
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

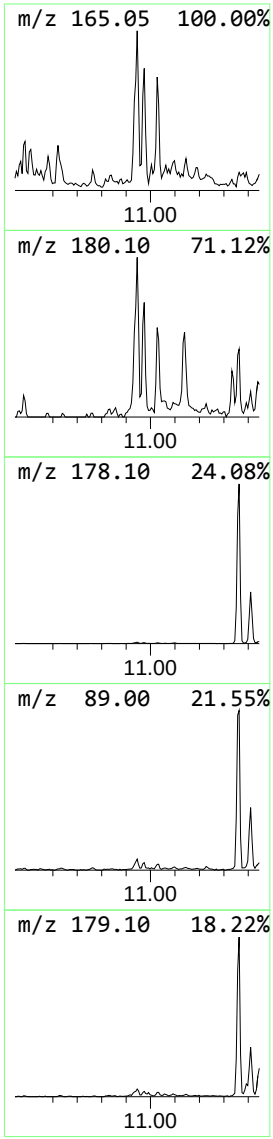
****

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.945	2.98 ng	183431	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

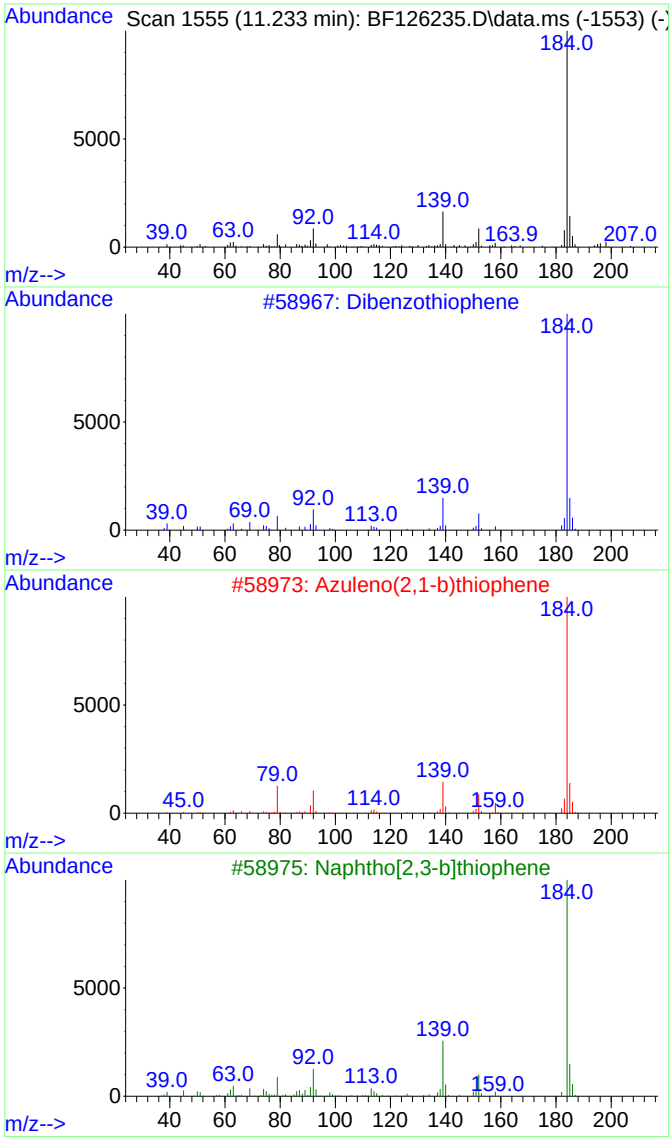
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

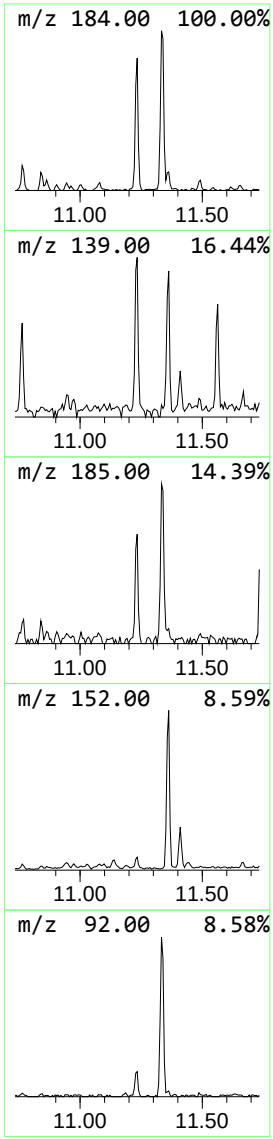
****

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	3.42 ng	210708	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
5	7-Aminopyrazolo[1,5-a]pyrimidine...	184	C8H4N6	119270-27-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

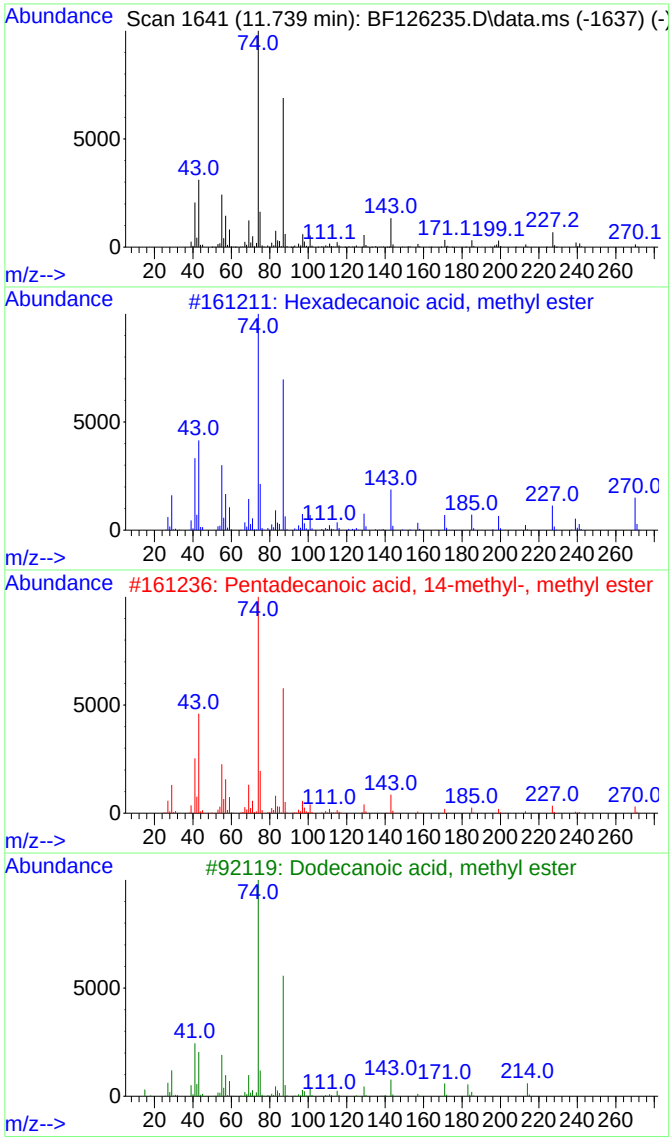
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

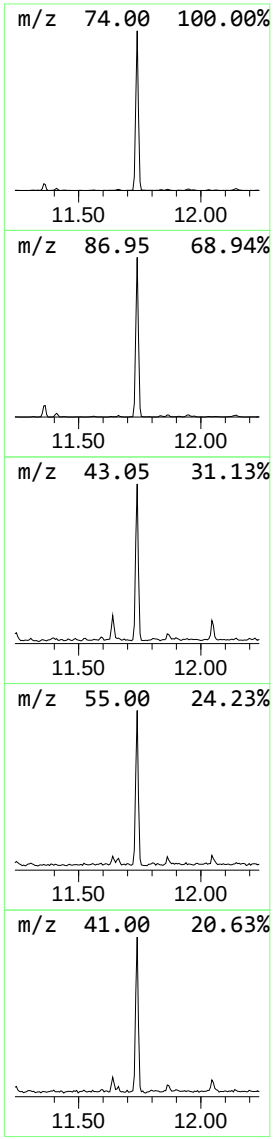
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	24.00 ng	1479720	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

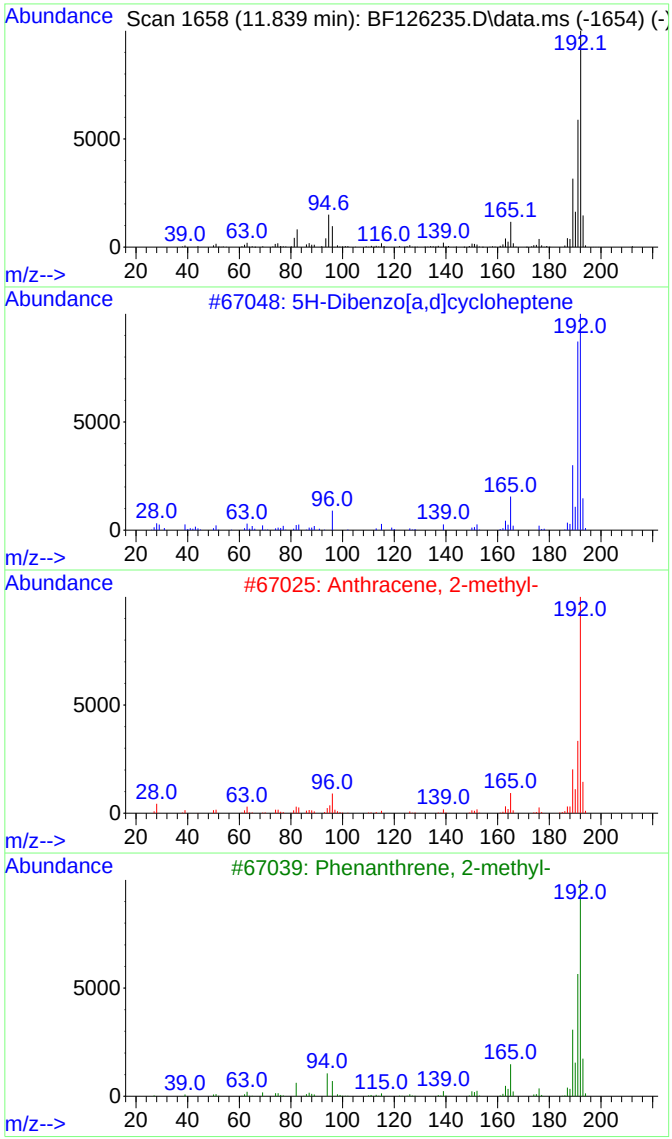
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

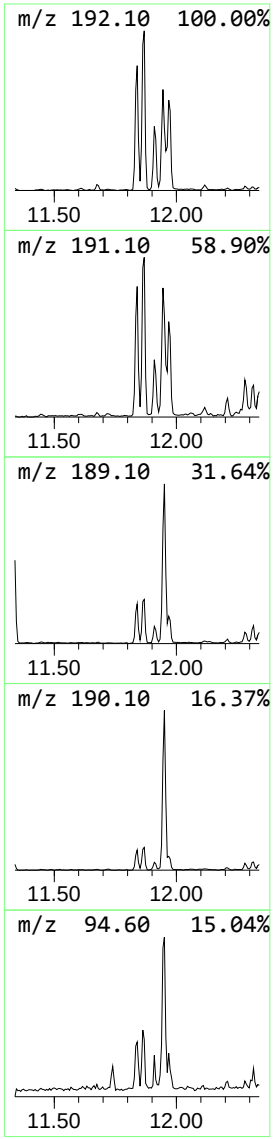
****

Peak Number 6 5H-Dibenzo[a,d]cycloheptene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	5.06 ng	311716	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

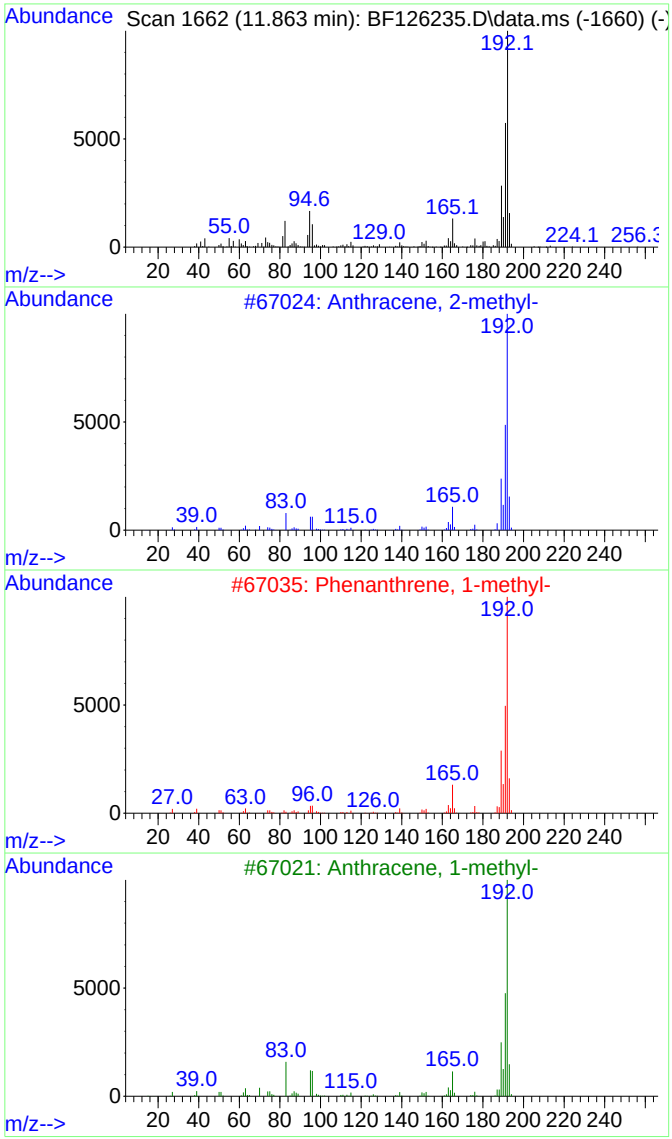
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

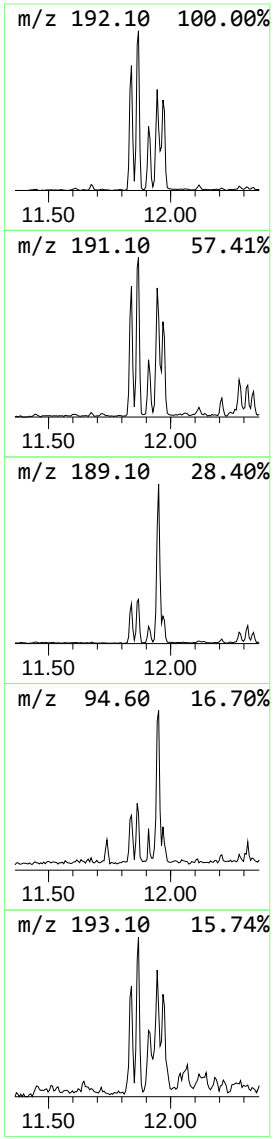
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	7.51 ng	462930	Phenanthrene-d10	11.333

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

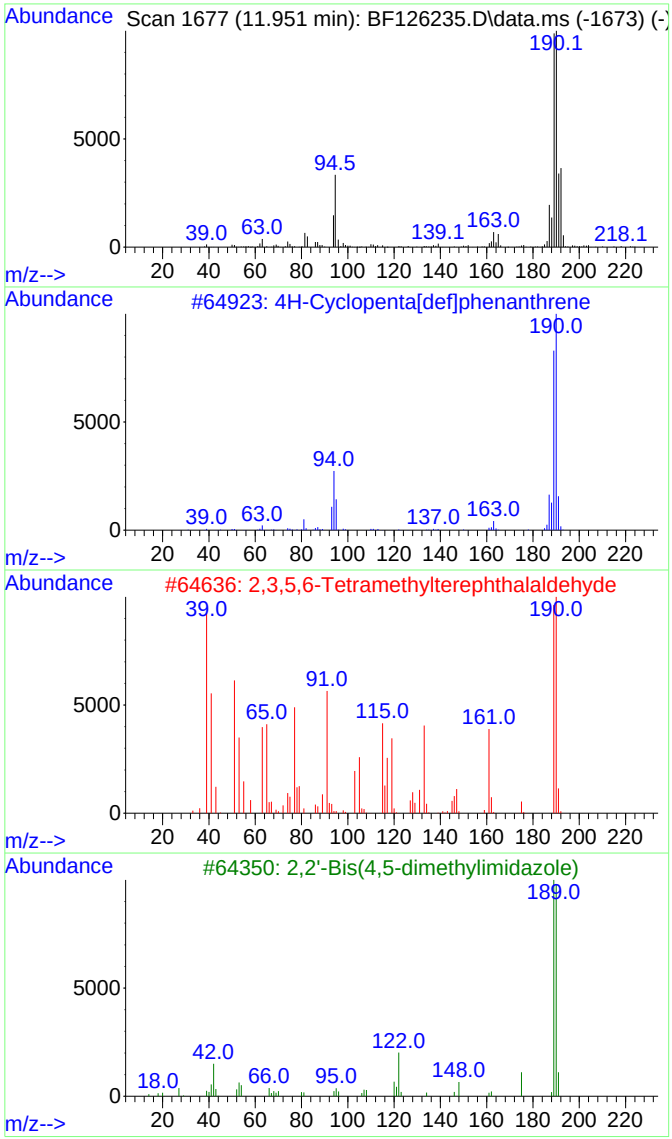
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

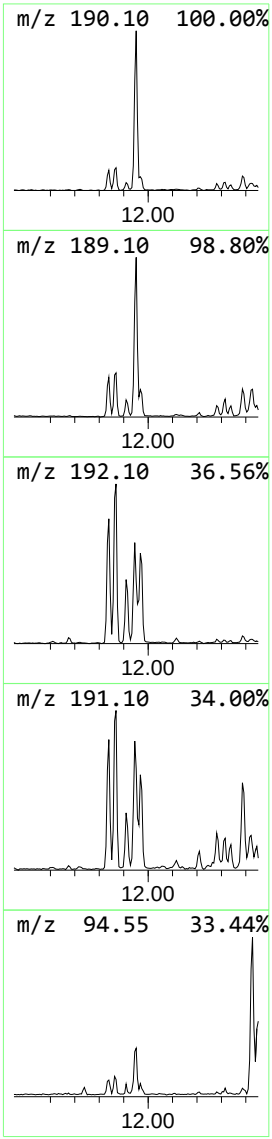
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	10.92 ng	673067	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

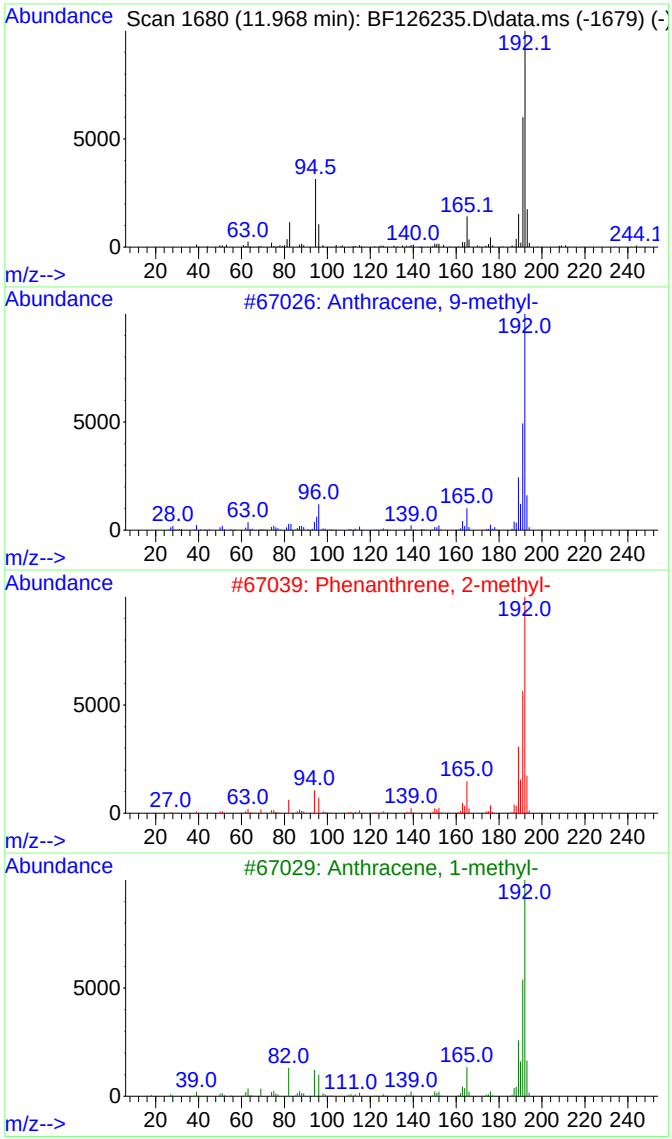
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

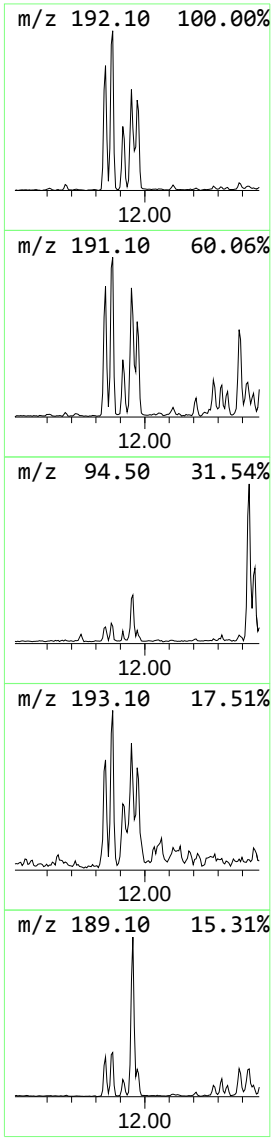
****

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	3.15 ng	194220	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

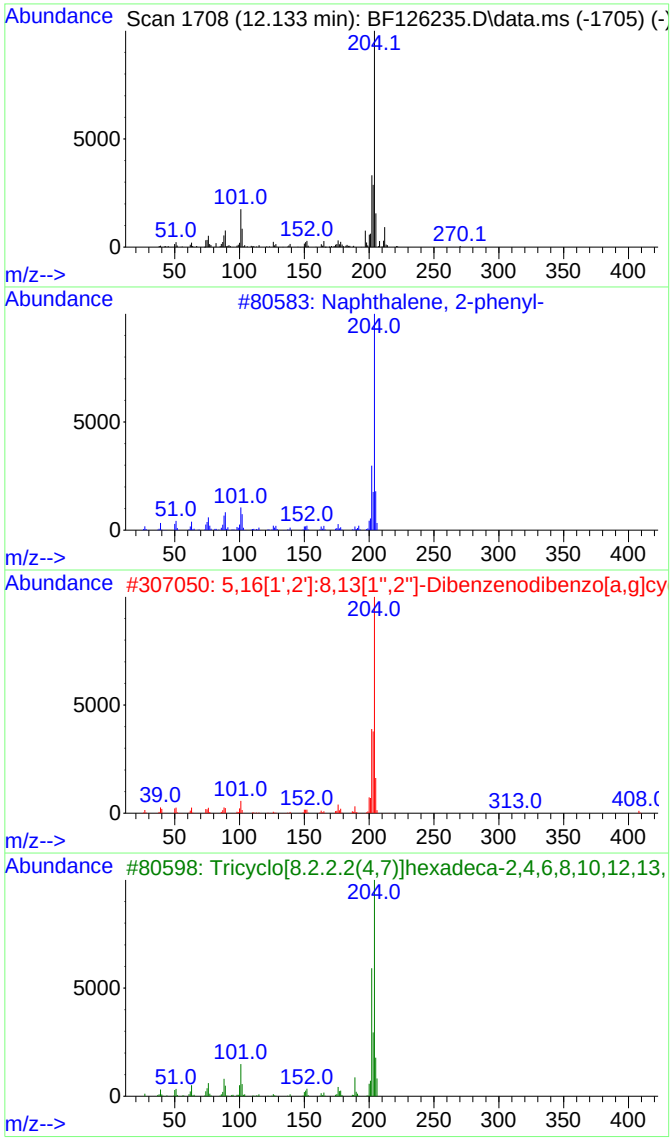
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

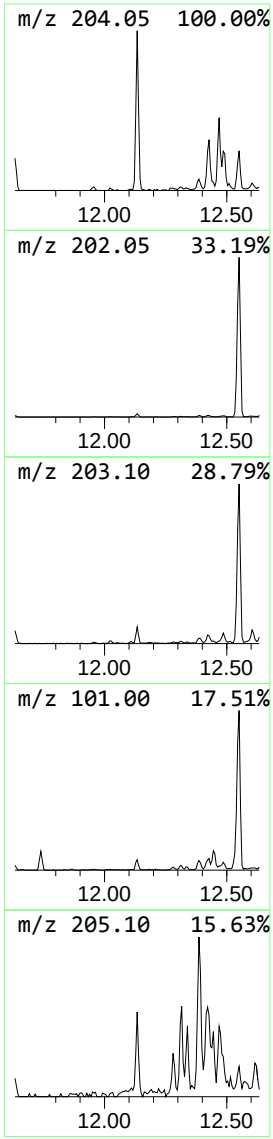
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	3.05 ng	188142	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

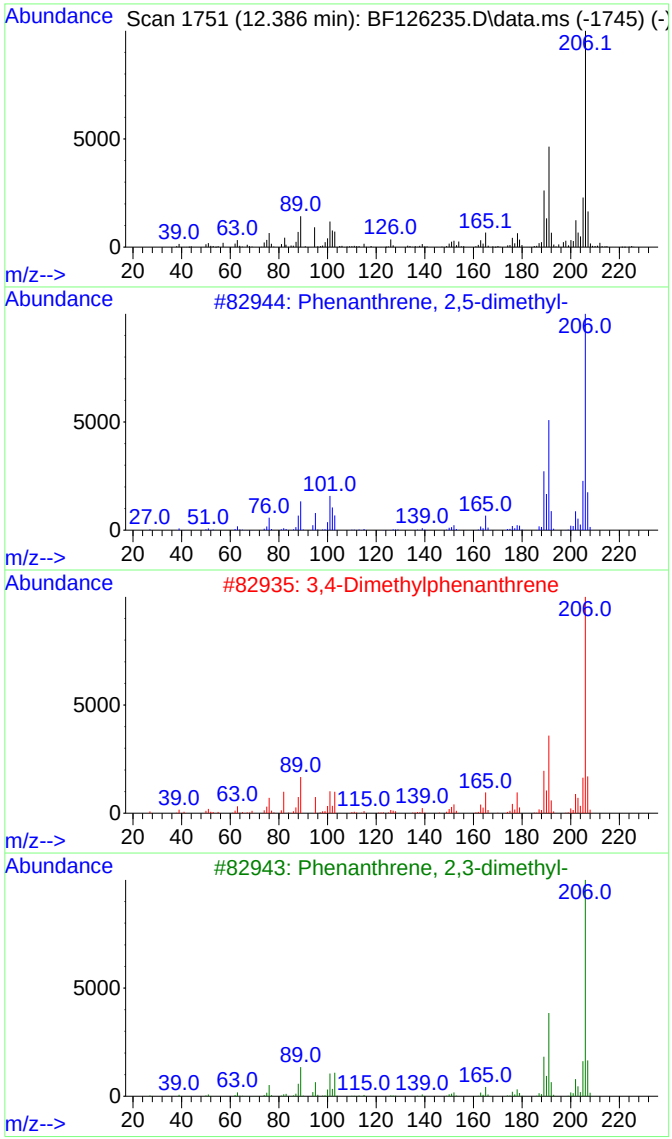
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

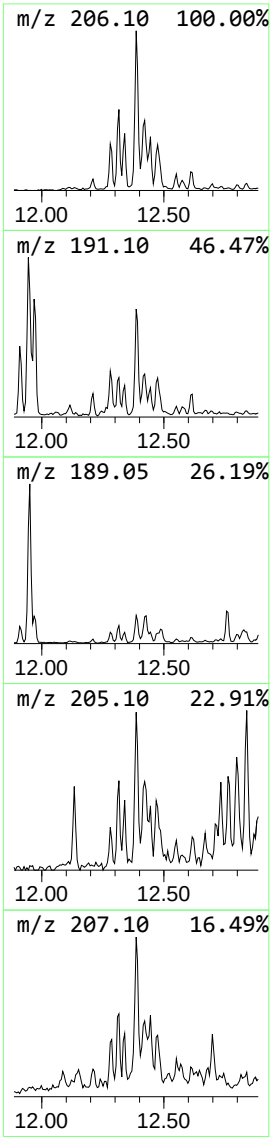
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	6.94 ng	427566	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	99
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	95
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

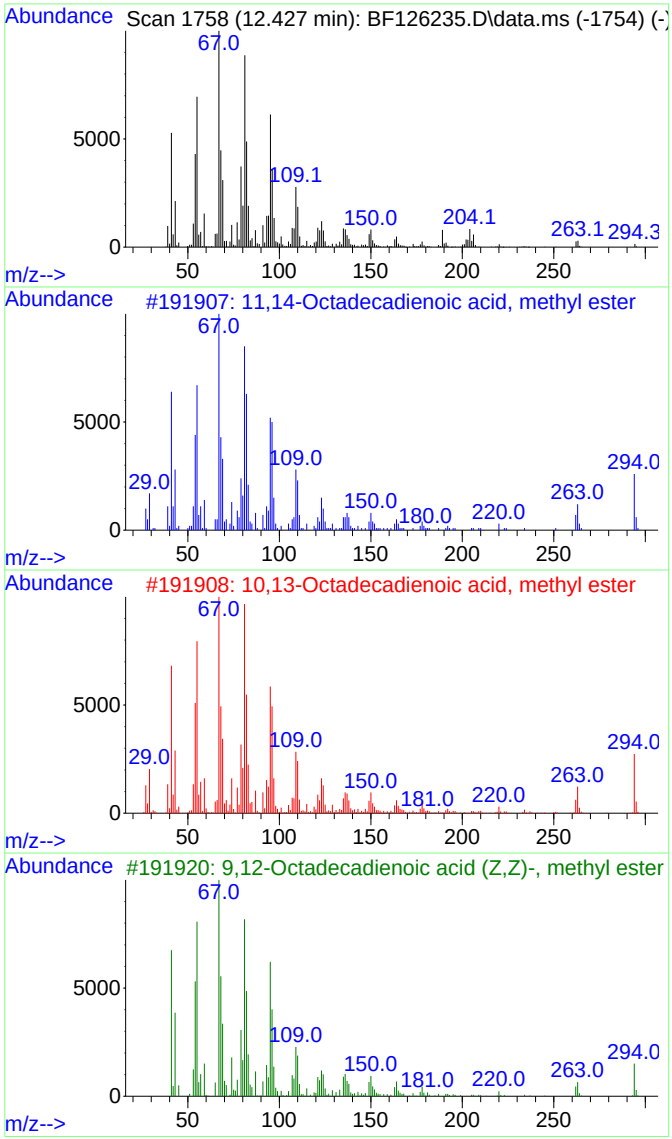
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

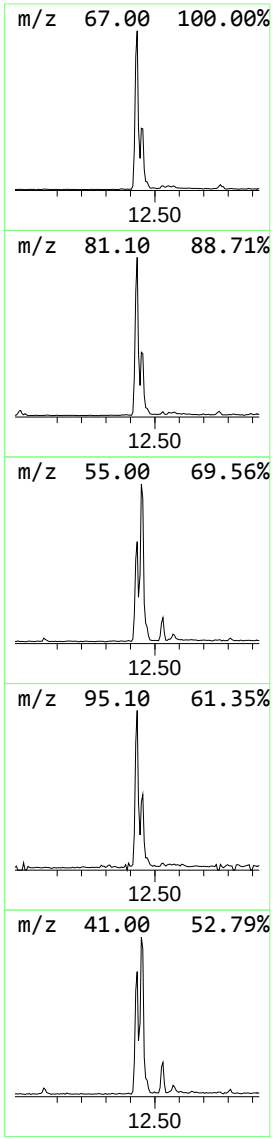
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 11,14-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	42.01 ng	2590070	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

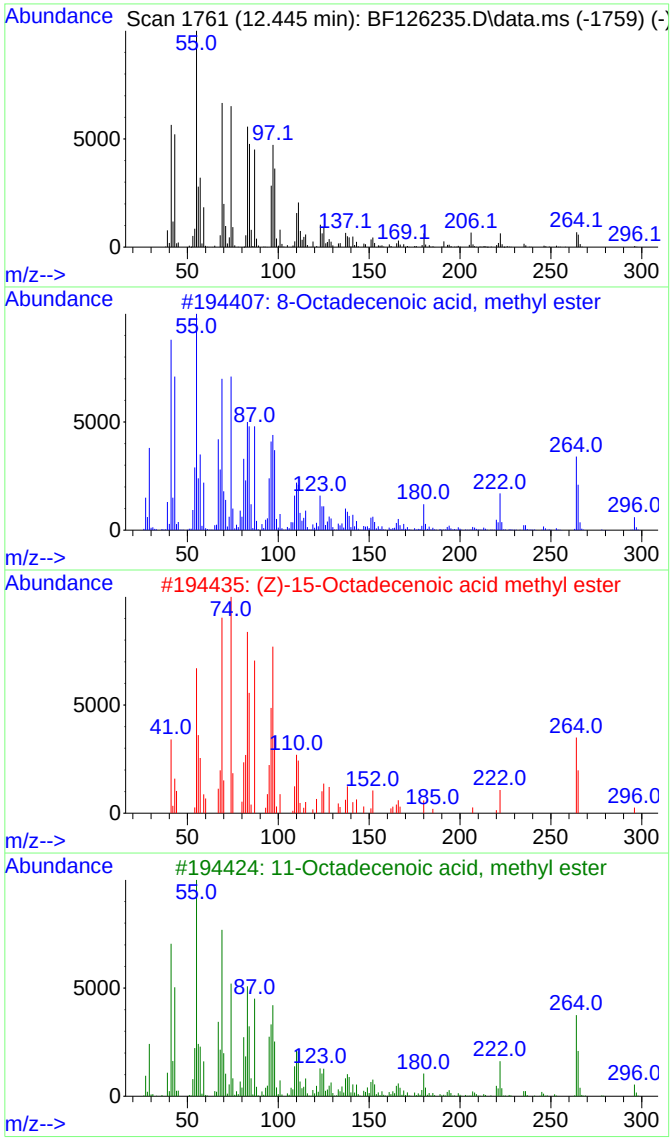
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

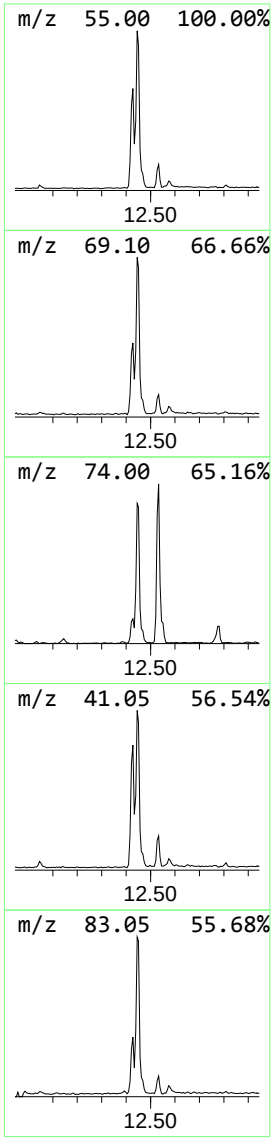
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	56.79 ng	3501020	Phenanthrene-d10	11.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	93
2	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

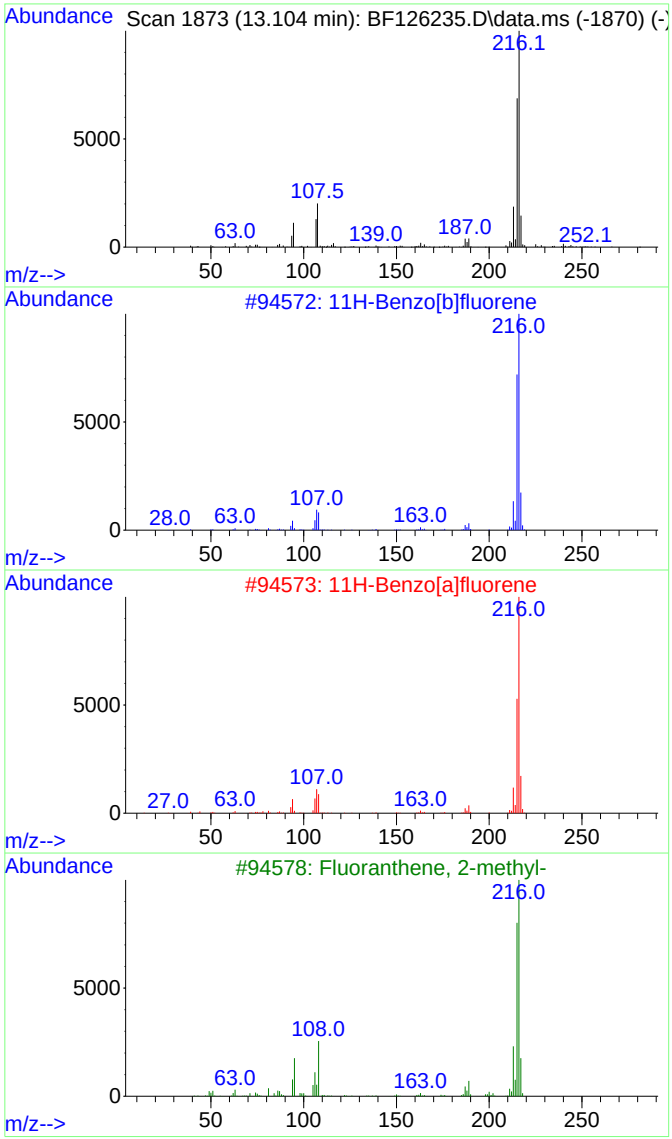
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

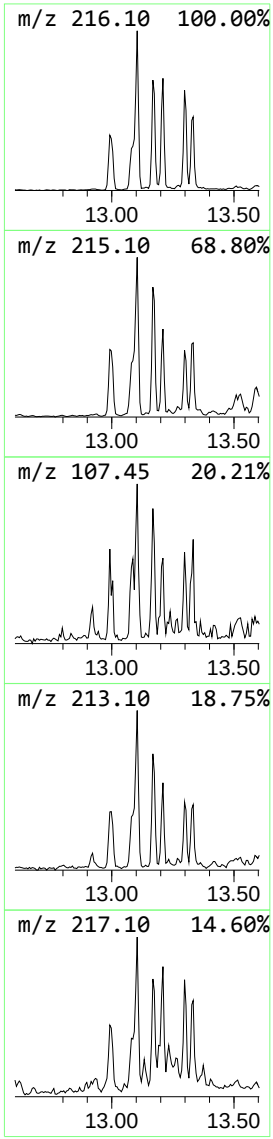
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	4.46 ng	576757	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

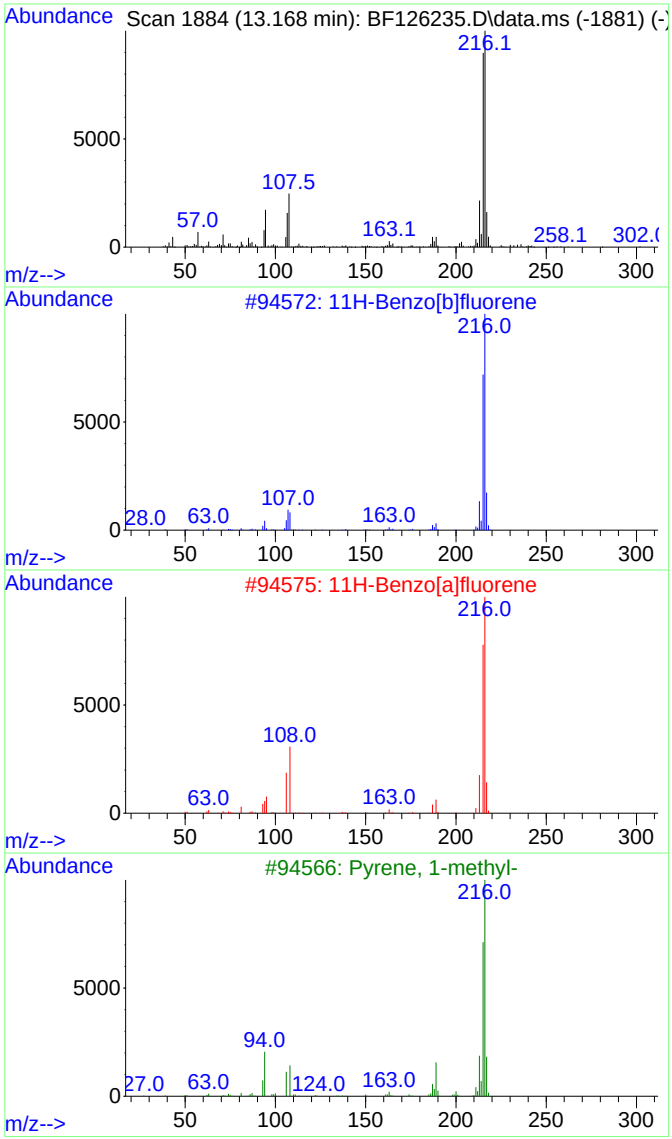
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

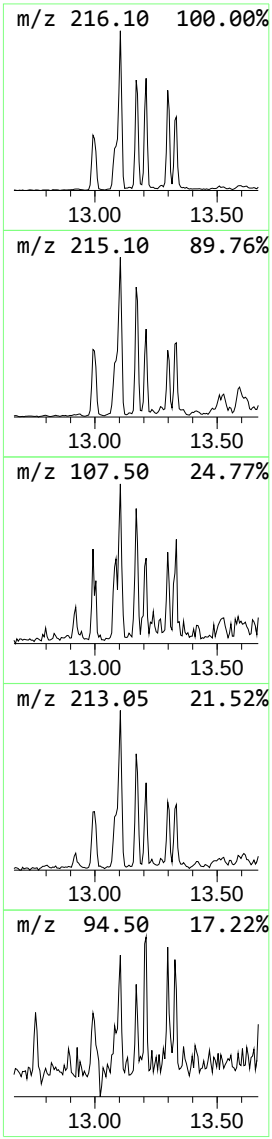
****

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.168	3.98 ng	515515	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

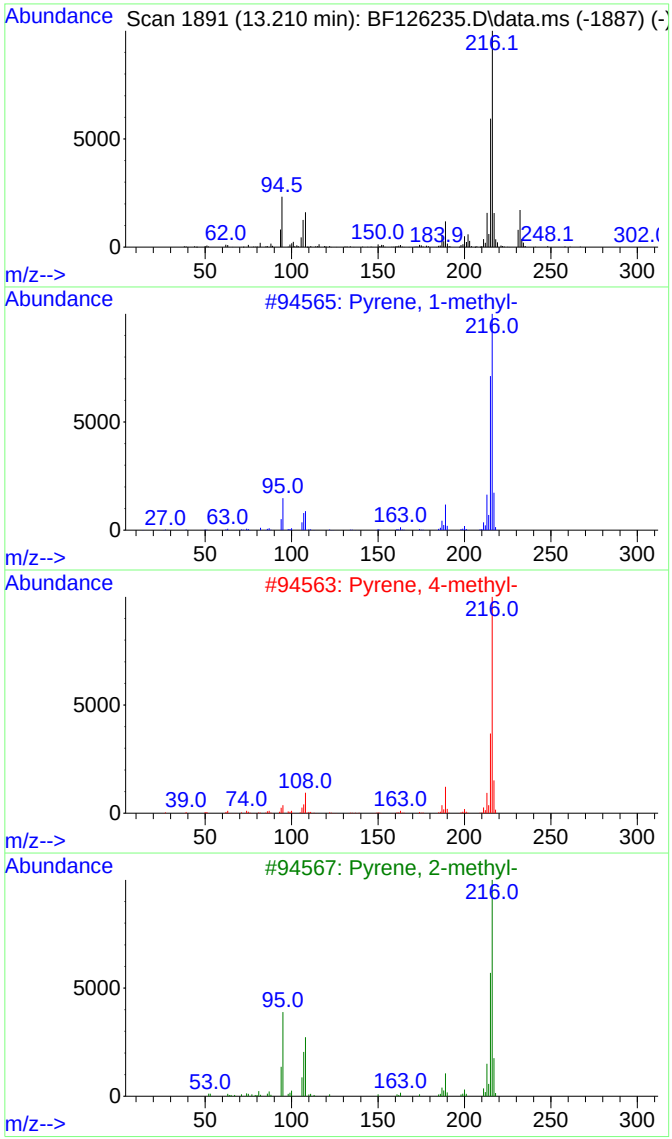
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

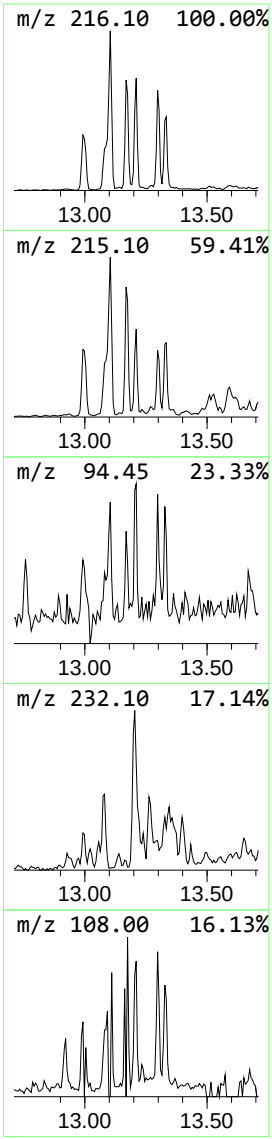
****

Peak Number 16 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	3.58 ng	463786	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

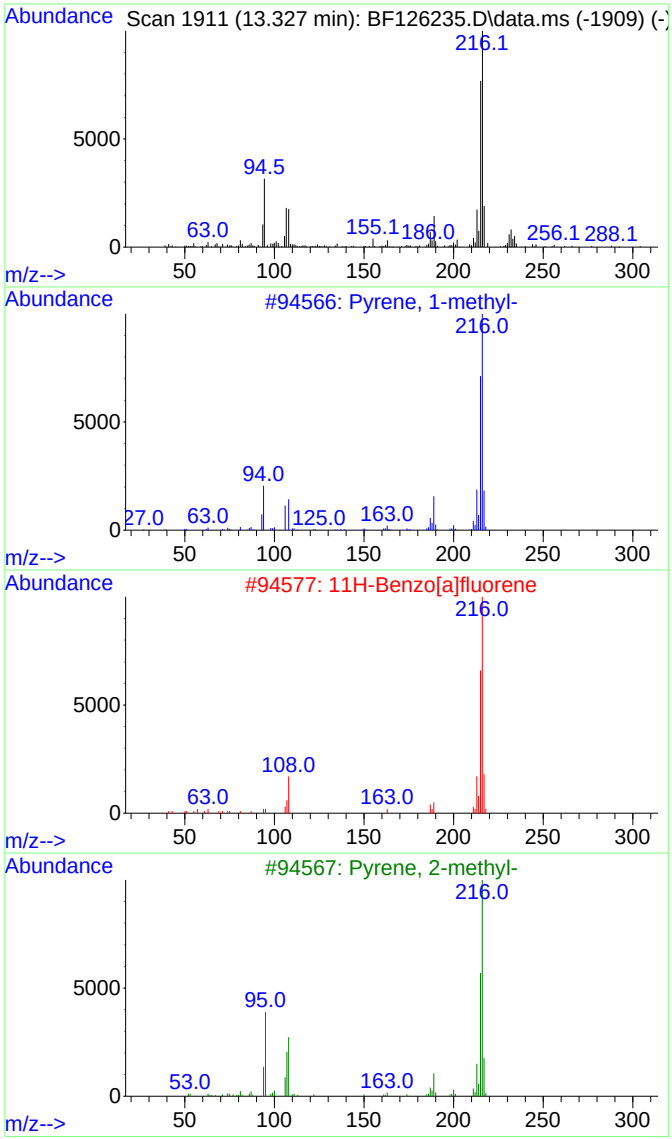
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

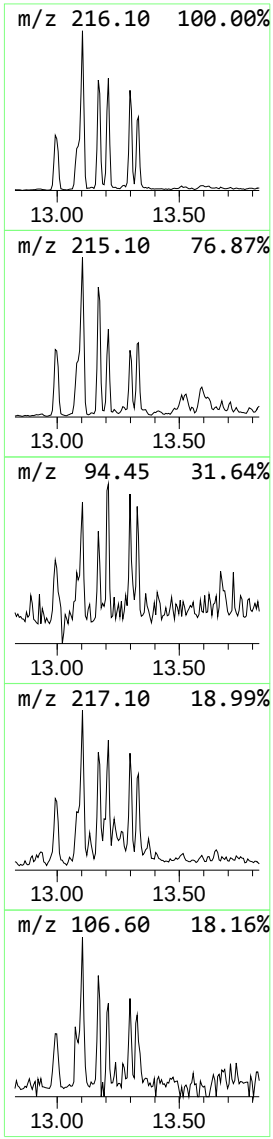
****

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.327	3.08 ng	399013	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

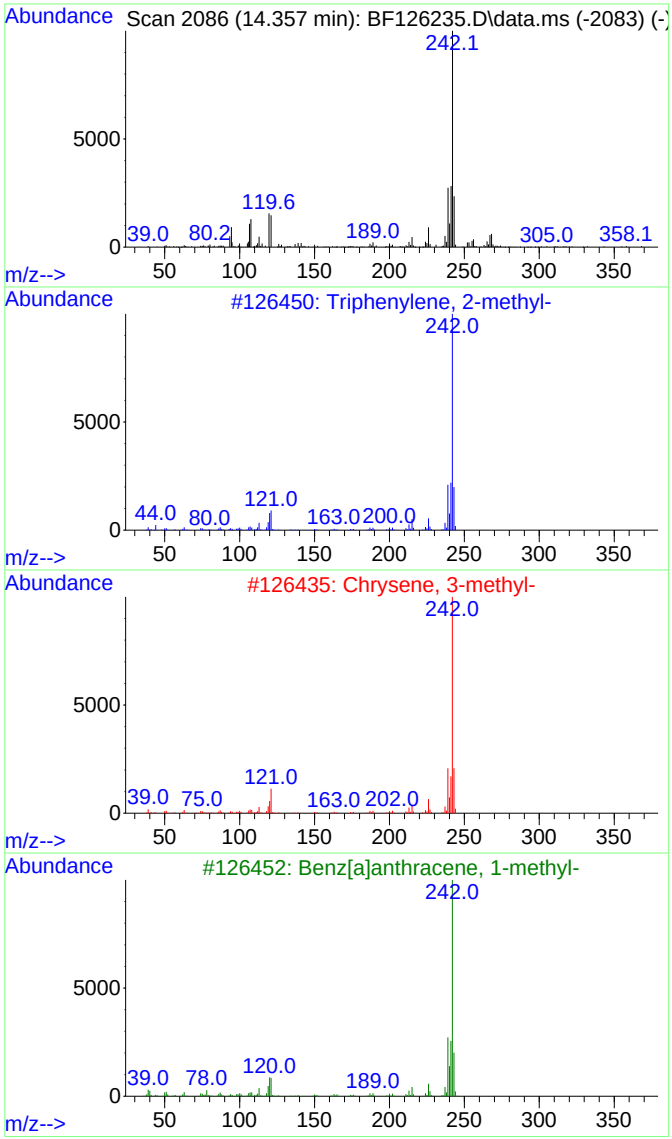
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

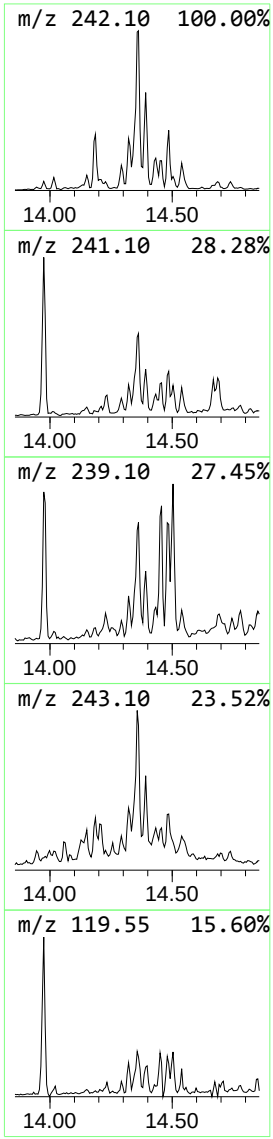
****

Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.357	4.08 ng	528496	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89
4	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126235.D
Acq On : 17 Dec 2021 15:08
Operator : JU/CG
Sample : M5030-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.004	3.9	ng	277853	1	6.816	1437210	20.0
Tetradecane	10.763	5.0	ng	306783	4	11.333	1232940	20.0
9H-Fluorene, 1-...	10.945	3.0	ng	183431	4	11.333	1232940	20.0
Dibenzothiophene	11.233	3.4	ng	210708	4	11.333	1232940	20.0
Hexadecanoic ac...	11.739	24.0	ng	1479720	4	11.333	1232940	20.0
5H-Dibenzo[a,d]...	11.839	5.1	ng	311716	4	11.333	1232940	20.0
Anthracene, 2-m...	11.863	7.5	ng	462930	4	11.333	1232940	20.0
4H-Cyclopenta[d...	11.951	10.9	ng	673067	4	11.333	1232940	20.0
Anthracene, 9-m...	11.969	3.1	ng	194220	4	11.333	1232940	20.0
Naphthalene, 2-...	12.133	3.0	ng	188142	4	11.333	1232940	20.0
Phenanthrene, 2...	12.386	6.9	ng	427566	4	11.333	1232940	20.0
11,14-Octadecad...	12.427	42.0	ng	2590070	4	11.333	1232940	20.0
8-Octadecenoic ...	12.445	56.8	ng	3501020	4	11.333	1232940	20.0
11H-Benzo[b]flu...	13.104	4.5	ng	576757	5	13.974	2588870	20.0
11H-Benzo[a]flu...	13.168	4.0	ng	515515	5	13.974	2588870	20.0
Pyrene, 4-methyl-	13.210	3.6	ng	463786	5	13.974	2588870	20.0
Pyrene, 1-methyl-	13.327	3.1	ng	399013	5	13.974	2588870	20.0
Triphenylene, 2...	14.357	4.1	ng	528496	5	13.974	2588870	20.0