LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B2-112520-10-12.75

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122508.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	17	21	27	rVB	42471	58887	1.24%	0.140%
2	5.063	503	506	513	rVB	50217	63788	1.34%	0.152%
3	5.475	571	576	579	rBV	2999273	2861695	60.19%	6.813%
4	6.487	743	748	763	rVB2	3085239	3266876	68.72%	7.778%
5	6.851	807	810	814	rBV	1137114	1032233	21.71%	2.458%
6	7.416	901	906	909	rBV	2270369	1907240	40.12%	4.541%
7	8.139	1025	1029	1031	rBV	1686904	1363197	28.67%	3.246%
8	8.163	1031	1033	1038	rVB	327627	272673	5.74%	0.649%
9	8.851	1148	1150	1155	rVB	119900	99459	2.09%	0.237%
10	8.951	1163	1167	1171	rBV	87003	72882	1.53%	0.174%
11	9.216	1208	1212	1215	rBV	4241309	3718146	78.21%	8.853%
12	9.551	1266	1269	1272	rBV	53708	52938	1.11%	0.126%
13	9.610	1276	1279	1284	rVV	308260	258297	5.43%	0.615%
14	9.898	1321	1328	1331	rBV	1967003	1707446	35.92%	4.065%
15	9.927	1331	1333	1337	rVB	272109	222052	4.67%	0.529%
16	10.098	1358	1362	1367	rBV	165575	157767	3.32%	0.376%
17	10.304	1394	1397	1399	rBV2	50581	51300	1.08%	0.122%
18	10.445	1417	1421	1426	rBV	190228	190609	4.01%	0.454%
19	10.598	1445	1447	1451	rVB	58932	58720	1.24%	0.140%
20	10.686	1457	1462	1474	rBV	2618259	2587076	54.42%	6.160%
21	10.804	1479	1482	1486	rVB2	53145	70513	1.48%	0.168%
22	11.186	1544	1547	1551	rVV2	57940	50878	1.07%	0.121%
23	11.245	1551	1557	1560	rVV4	64824	119863	2.52%	0.285%
24	11.280	1560	1563	1569	rVB	108500	104284	2.19%	0.248%
25	11.386	1576	1581	1583	rBV	1884176	1949468	41.01%	4.642%
26	11.404	1583	1584	1588	rVV	1242739	989826	20.82%	2.357%
27	11.457	1591	1593	1596	rVB	270680	212139	4.46%	0.505%
28	11.610	1614	1619	1627	rBV2	117501	166666	3.51%	0.397%
29	11.680	1628	1631	1635	rVV2	63837	56483	1.19%	0.134%
30	11.886	1660	1666	1668	rBV	146022	145212	3.05%	0.346%
31	11.910	1668	1670	1674	rVV	303493	308176	6.48%	0.734%
32	11.957	1676	1678	1681	rVV	83974	90825	1.91%	0.216%
33	11.998	1681	1685	1687	rVV2	231041	260216	5.47%	0.620%
34	12.021	1687	1689	1693	rVB	99436	90518	1.90%	0.216%
35	12.180	1711	1716	1718	rBV	115436	107127	2.25%	0.255%
36	12.204	1718	1720	1723	rVB	81875	64354	1.35%	0.153%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B2-112520-10-12.75

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.333	1736	1742	1744	rBV2	51465	56835	1.20%	0.135%
38	12.363	1744	1747	1750	rBV	179178	160171	3.37%	0.381%
39	12.433	1755	1759	1762	rBV	96984	103711	2.18%	0.247%
40	12.474	1762	1766	1771	rVB3	85450	129740	2.73%	0.309%
41	12.521	1771	1774	1779	rVB4	62017	83382	1.75%	0.199%
42	12.598	1783	1787	1790	rBV	1352002	1116608	23.49%	2.659%
43	12.698	1800	1804	1810	rBV2	278171	386010	8.12%	0.919%
44	12.827	1820	1826	1829	rBV	983978	1091609	22.96%	2.599%
45	12.874	1831	1834	1839	rVB2	81665	111378	2.34%	0.265%
46	12.945	1843	1846	1847	rBV	76927	73807	1.55%	0.176%
47	12.974	1847	1851	1854	rVV	4990312	4754095	100.00%	11.319%
48	13.045	1858	1863	1866	rBV3	69472	112233	2.36%	0.267%
49	13.133	1875	1878	1879	rBV3	56138	64266	1.35%	0.153%
50	13.151	1879	1881	1885	rVB	158192	155150	3.26%	0.369%
51	13.221	1885	1893	1895	rBV2	133898	189073	3.98%	0.450%
52	13.257	1895	1899	1902	rBV2	132301	142826	3.00%	0.340%
53	13.351	1912	1915	1918	rBV	58251	49713	1.05%	0.118%
54	13.380	1918	1920	1923	rBV	68389	63383	1.33%	0.151%
55	13.663	1962	1968	1972	rBV2	99431	149009	3.13%	0.355%
56	13.774	1985	1987	1989	rVB	73758	59533	1.25%	0.142%
57	13.804	1989	1992	1994	rBV	65530	51182	1.08%	0.122%
58	13.868	2001	2003	2006	rVB2	73206	63320	1.33%	0.151%
59	13.921	2006	2012	2022	rBV6	146494	467969	9.84%	1.114%
60	14.027	2024	2030	2032	rVV2	2166837	2409590	50.68%	5.737%
61	14.051	2032	2034	2037	rVB	499926	373698	7.86%	0.890%
62	14.127	2045	2047	2050	rBV	83087	76736	1.61%	0.183%
63	14.410	2091	2095	2098	rVB	101936	102595	2.16%	0.244%
64	14.445	2098	2101	2105	rVB	64724	60241	1.27%	0.143%
65	14.498	2105	2110	2113	rBV4	70608	111142	2.34%	0.265%
66	14.533	2114	2116	2118	rBV	55772	53232	1.12%	0.127%
67	14.657	2135	2137	2143	rVB4	57743	57264	1.20%	0.136%
68	14.786	2156	2159	2160	rBV3	47132	49524	1.04%	0.118%
69	14.880	2173	2175	2177	rBV3	55453	51663	1.09%	0.123%
70	15.068	2202	2207	2210	rBV	344616	577502	12.15%	1.375%
71	15.145	2217	2220	2222	rBV2	73018	93337	1.96%	0.222%
72	15.174	2222	2225	2231	rVB2	105182	135179	2.84%	0.322%
73	15.368	2254	2258	2264	rVB	257359	348577	7.33%	0.830%
74	15.427	2264	2268	2274	rVV	336406	421377	8.86%	1.003%
75	15.498	2274	2280	2283	rVV	1351478	1664835	35.02%	3.964%
76	15.527	2283	2285	2294	rVB3	147858	189375	3.98%	0.451%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

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-BF110920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.968	2357	2360	2364	rVB2	48225	70603	1.49%	0.168%
78	16.474	2443	2446	2452	rBV4	32952	59429	1.25%	0.141%
79	16.956	2522	2528	2538	rVB2	145906	310398	6.53%	0.739%
80	17.398	2597	2603	2615	rVB	125410	283004	5.95%	0.674%
81	17.627	2638	2642	2650	rVB2	34084	76459	1.61%	0.182%

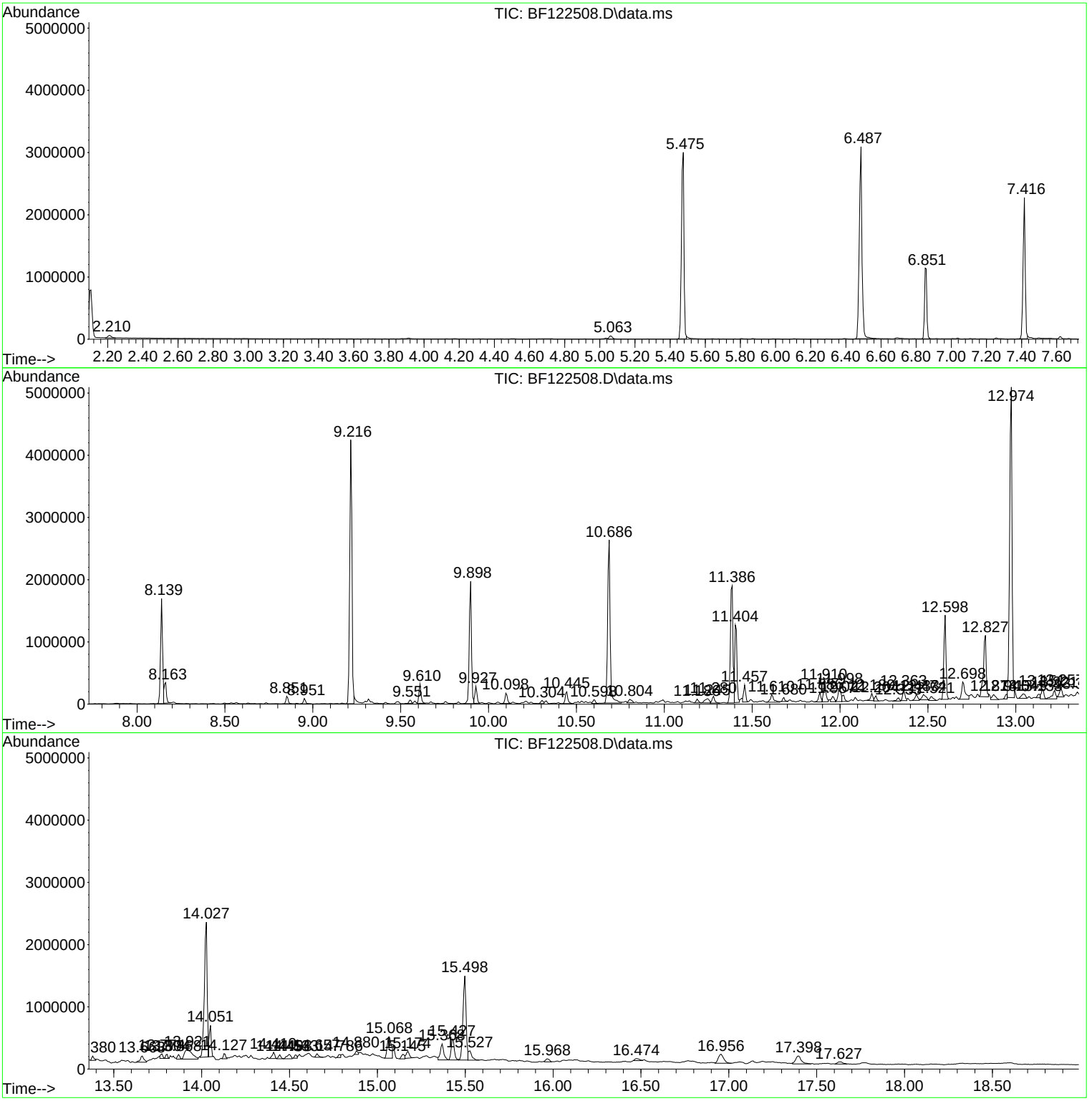
Sum of corrected areas: 42000592

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

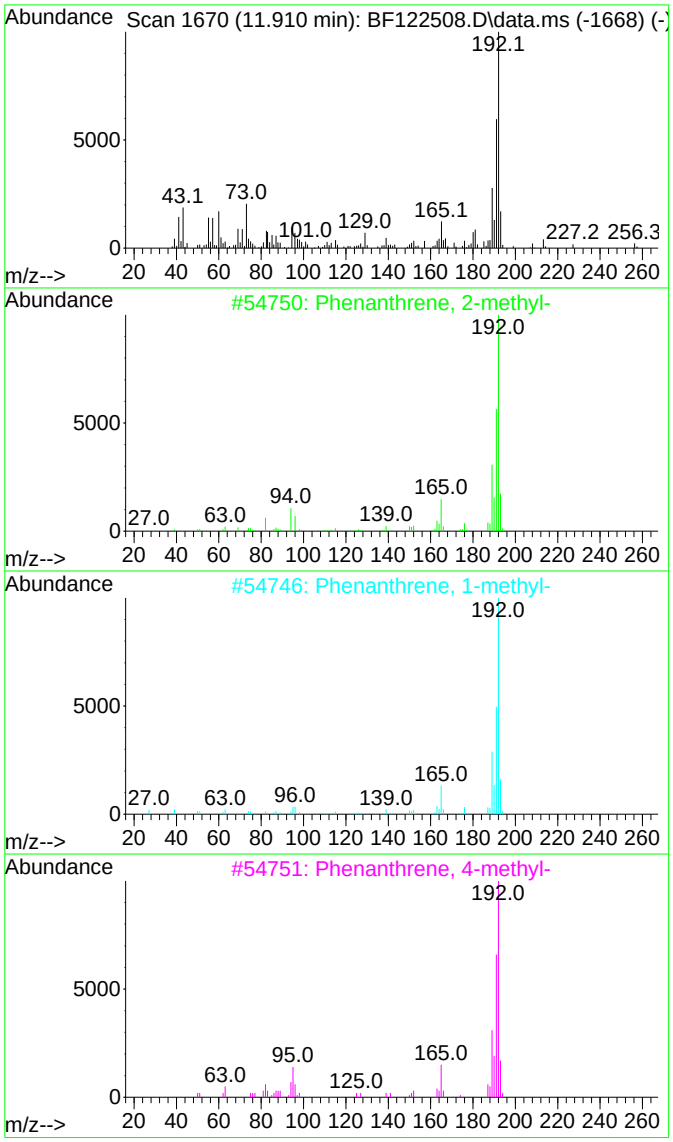
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

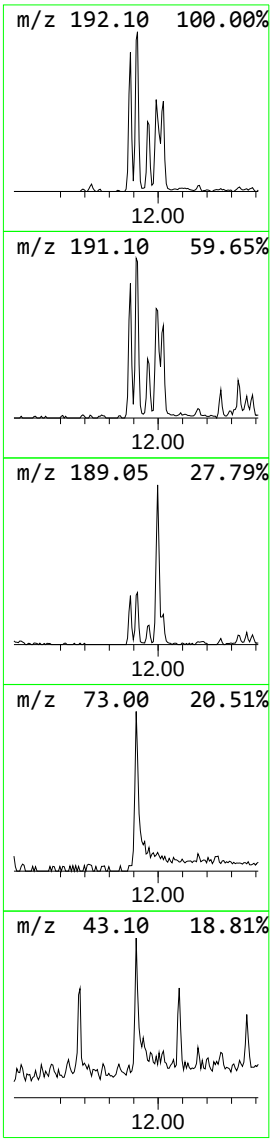
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.16 ng	308176	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

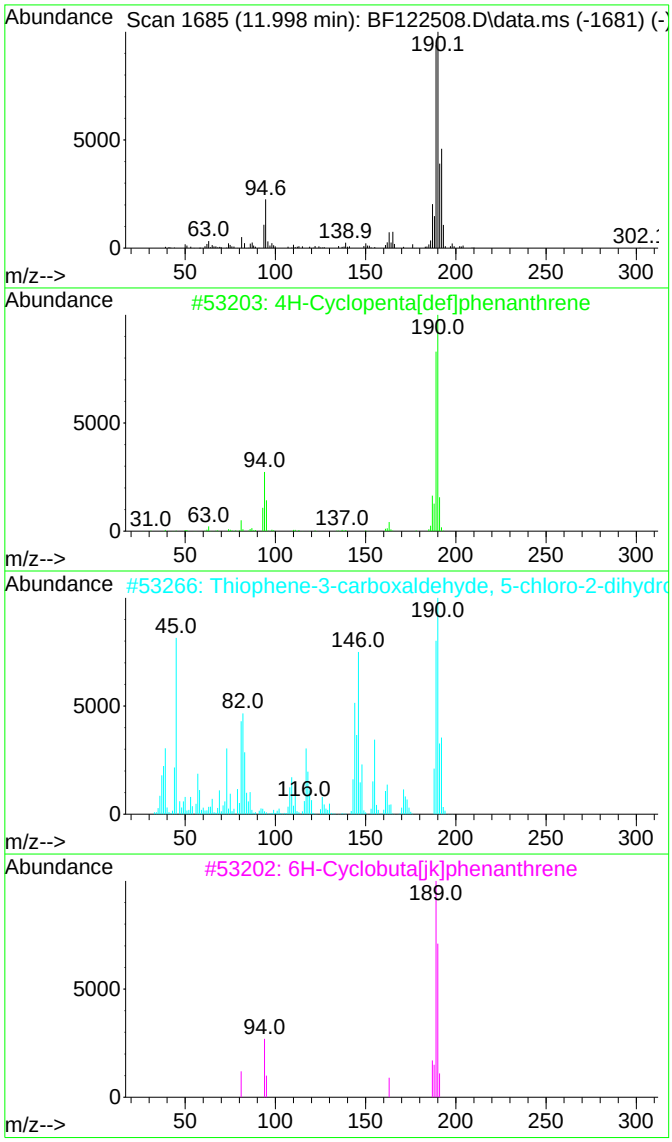
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

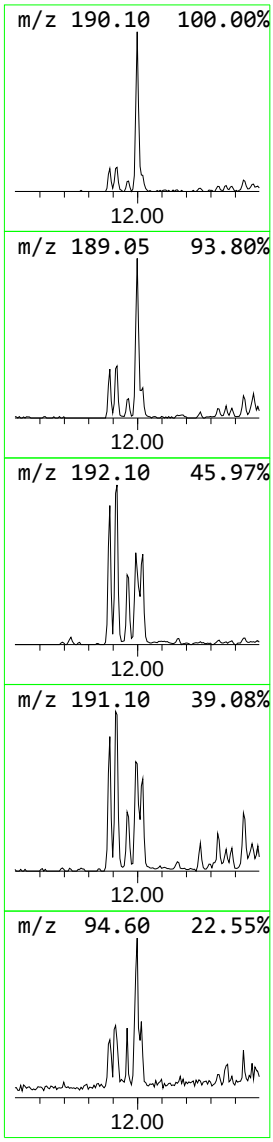
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	2.67 ng	260216	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

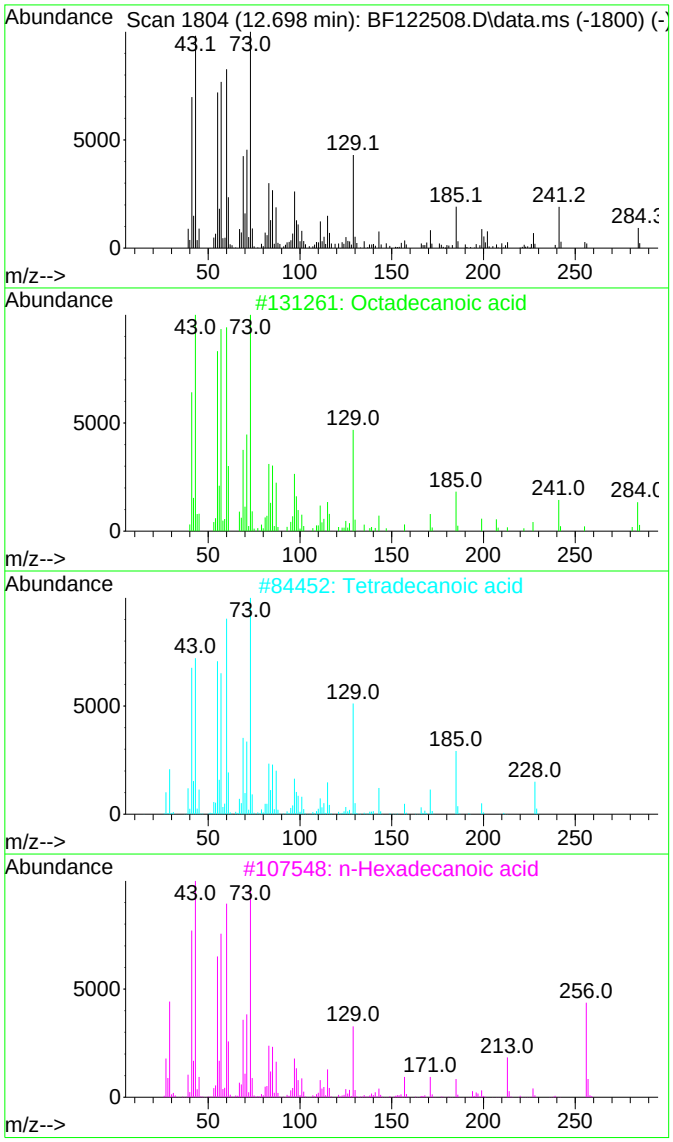
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

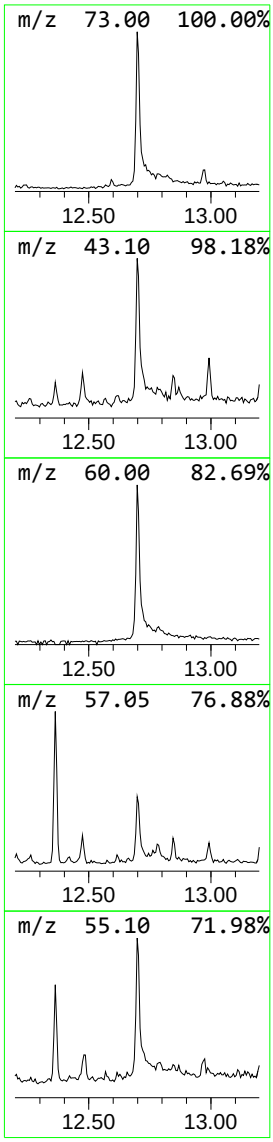
****

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	3.96 ng	386010	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

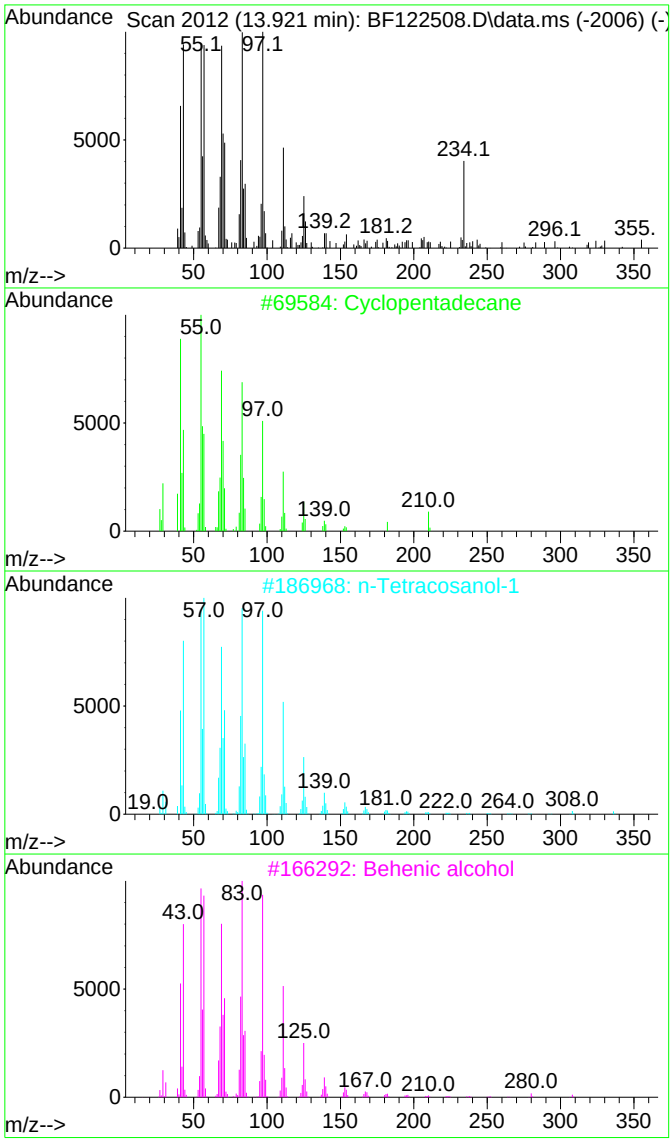
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

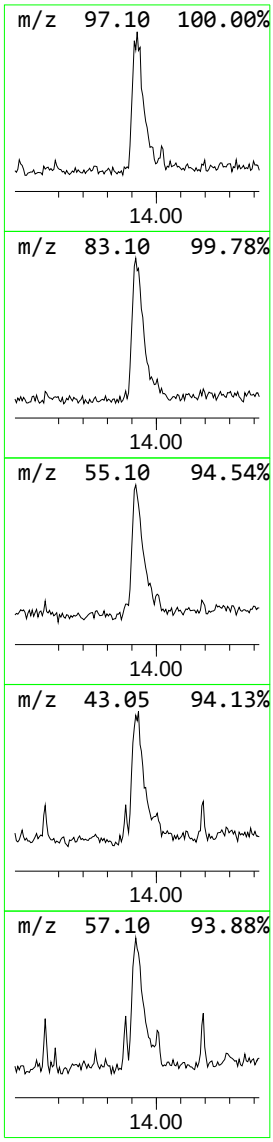
****

Peak Number 5 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	3.88 ng	467969	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Behenic alcohol	326	C22H46O	000661-19-8	89
4	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	87
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B2-112520-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

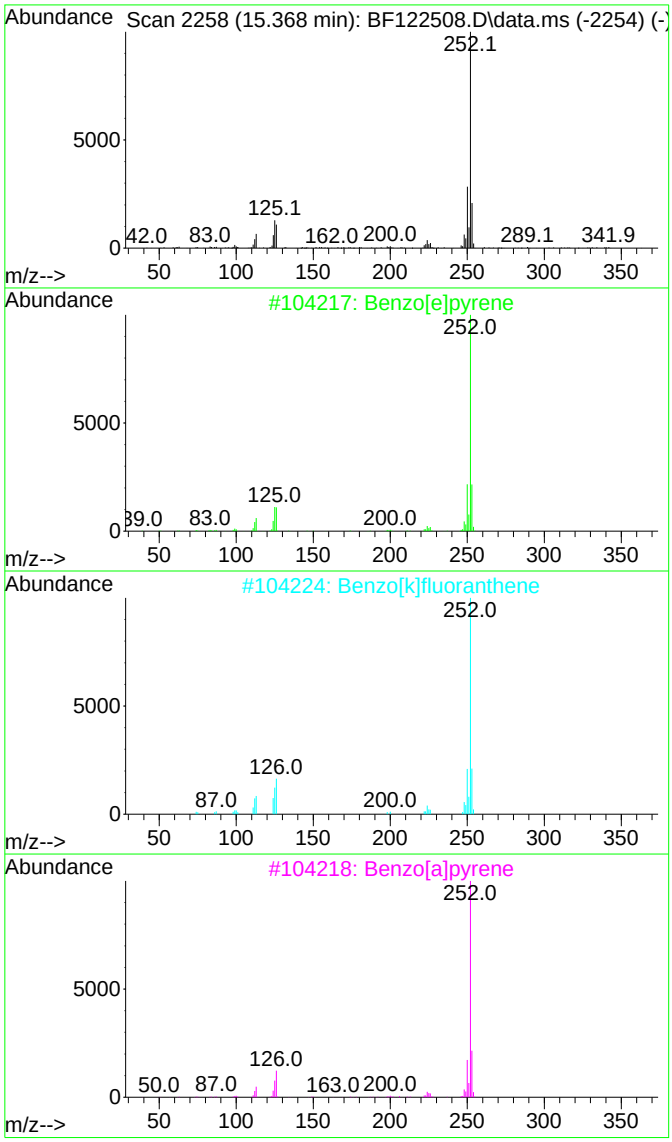
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

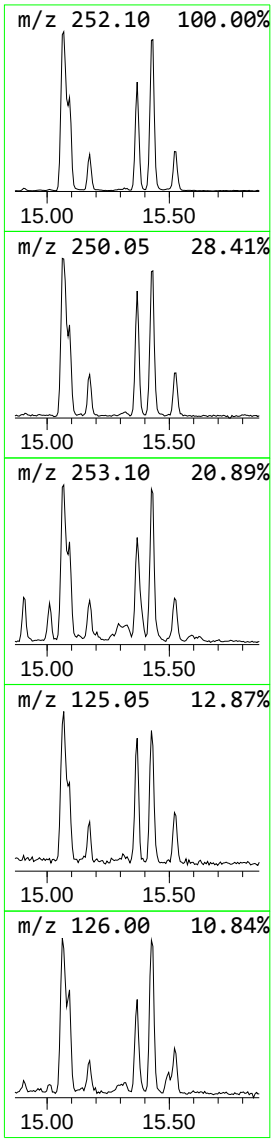
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	4.19 ng	348577	Perylene-d12	15.498

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	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122508.D
Acq On : 30 Nov 2020 15:52
Operator : JU/CG
Sample : L4900-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B2-112520-10-12.75

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2...	11.910	3.2	ng	308176	4	11.386	1949470	20.0
4H-Cyclopenta[d...	11.998	2.7	ng	260216	4	11.386	1949470	20.0
Octadecanoic acid	12.698	4.0	ng	386010	4	11.386	1949470	20.0
Cyclopentadecane	13.921	3.9	ng	467969	5	14.027	2409590	20.0
Benzo[e]pyrene	15.368	4.2	ng	348577	6	15.498	1664840	20.0