LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-12142020

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122754.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	14	18	25	rVB2	31977	51717	1.85%	0.165%
2	5.028	496	500	506	rBV	28226	35084	1.26%	0.112%
3	5.434	565	569	587	rBV	2304929	2196264	78.65%	7.012%
4	6.445	737	741	759	rBV	2371409	2327578	83.35%	7.432%
5	6.645	772	775	780	rBV3	56898	66332	2.38%	0.212%
6	6.816	800	804	808	rBV	1499101	1187713	42.53%	3.792%
7	7.380	895	900	903	rBV	1640141	1440512	51.59%	4.599%
8	8.104	1017	1023	1026	rBV	1766081	1584401	56.74%	5.059%
9	8.692	1120	1123	1127	rBV	41324	39646	1.42%	0.127%
10	8.916	1158	1161	1167	rVB2	31355	42239	1.51%	0.135%
11	9.180	1201	1206	1209	rBV	3124997	2792479	100.00%	8.916%
12	9.257	1216	1219	1222	rBV2	46021	47376	1.70%	0.151%
13	9.445	1246	1251	1254	rVB3	23610	31154	1.12%	0.099%
14	9.516	1260	1263	1265	rBV	42289	32435	1.16%	0.104%
15	9.569	1269	1272	1276	rBV	265690	222153	7.96%	0.709%
16	9.716	1295	1297	1302	rVB	42030	37278	1.33%	0.119%
17	9.786	1307	1309	1314	rVB	44978	39059	1.40%	0.125%
18	9.857	1314	1321	1324	rBV	2094461	1718824	61.55%	5.488%
19	9.886	1324	1326	1330	rVB	230346	190574	6.82%	0.608%
20	10.057	1351	1355	1360	rVB	72566	72995	2.61%	0.233%
21	10.098	1360	1362	1369	rVB5	27534	32998	1.18%	0.105%
22	10.286	1392	1394	1396	rVB2	47823	35990	1.29%	0.115%
23	10.404	1410	1414	1419	rBV	160165	151311	5.42%	0.483%
24	10.469	1419	1425	1427	rBV2	27149	31177	1.12%	0.100%
25	10.557	1438	1440	1444	rVB	31653	34479	1.23%	0.110%
26	10.645	1451	1455	1467	rVV	1641771	1537702	55.07%	4.910%
27	10.763	1471	1475	1483	rVB4	61638	107221	3.84%	0.342%
28	10.951	1503	1507	1509	rBV2	37763	36684	1.31%	0.117%
29	11.210	1545	1551	1553	rBV3	57306	73444	2.63%	0.234%
30	11.239	1553	1556	1561	rVB	110463	110919	3.97%	0.354%
31	11.339	1569	1573	1576	rBV	1551294	1628051	58.30%	5.198%
32	11.368	1576	1578	1581	rVV	1136708	919880	32.94%	2.937%
33	11.416	1584	1586	1589	rVB	317796	239365	8.57%	0.764%
34	11.451	1589	1592	1595	rBV2	39673	42193	1.51%	0.135%
35	11.568	1607	1612	1619	rBV2	140850	188150	6.74%	0.601%
36	11.633	1620	1623	1627	rVV	68810	67714	2.42%	0.216%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-12142020

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.674	1627	1630	1635	rVB2	39846	50269	1.80%	0.161%
38	11.845	1655	1659	1661	rBV	137469	131844	4.72%	0.421%
39	11.868	1661	1663	1667	rVV	259732	235624	8.44%	0.752%
40	11.915	1669	1671	1674	rVV	55302	56057	2.01%	0.179%
41	11.957	1674	1678	1680	rVV2	244298	257955	9.24%	0.824%
42	11.974	1680	1681	1686	rVB	100679	84064	3.01%	0.268%
43	12.045	1690	1693	1695	rVV2	74803	66581	2.38%	0.213%
44	12.074	1696	1698	1701	rVB2	36685	32702	1.17%	0.104%
45	12.139	1706	1709	1711	rVV	98793	91960	3.29%	0.294%
46	12.163	1711	1713	1717	rVB2	66563	74545	2.67%	0.238%
47	12.286	1732	1734	1737	rVB	41015	35095	1.26%	0.112%
48	12.321	1737	1740	1742	rBV2	50926	62954	2.25%	0.201%
49	12.392	1749	1752	1755	rBV	109663	114761	4.11%	0.366%
50	12.433	1755	1759	1764	rVB4	129048	185566	6.65%	0.592%
51	12.480	1764	1767	1770	rBV2	52816	62975	2.26%	0.201%
52	12.557	1776	1780	1783	rBV	1422977	1194339	42.77%	3.813%
53	12.604	1785	1788	1789	rVV	32954	32930	1.18%	0.105%
54	12.657	1793	1797	1801	rBV3	83420	131575	4.71%	0.420%
55	12.710	1803	1806	1809	rVV2	70396	93661	3.35%	0.299%
56	12.786	1813	1819	1821	rVV	1016473	1191300	42.66%	3.804%
57	12.833	1825	1827	1832	rVB3	47139	65863	2.36%	0.210%
58	12.927	1839	1843	1846	rBV	2731528	2238324	80.16%	7.147%
59	13.004	1853	1856	1859	rBV3	55168	77065	2.76%	0.246%
60	13.092	1868	1871	1872	rBV3	52259	58907	2.11%	0.188%
61	13.110	1872	1874	1877	rVB	204537	191644	6.86%	0.612%
62	13.162	1880	1883	1884	rBV	74974	67849	2.43%	0.217%
63	13.180	1884	1886	1888	rVB	152148	114188	4.09%	0.365%
64	13.215	1890	1892	1894	rVV2	74691	63104	2.26%	0.201%
65	13.504	1938	1941	1944	rBV2	107946	108257	3.88%	0.346%
66	13.733	1978	1980	1983	rBV	76703	53247	1.91%	0.170%
67	13.833	1994	1997	1999	rBV	118012	109694	3.93%	0.350%
68	13.980	2018	2022	2025	rBV2	1414999	1775948	63.60%	5.670%
69	14.009	2025	2027	2029	rVB	505691	374336	13.41%	1.195%
70	14.086	2038	2040	2043	rVB	117557	97309	3.48%	0.311%
71	14.451	2100	2102	2107	rBV2	117785	128010	4.58%	0.409%
72	15.021	2195	2199	2202	rBV	423361	640093	22.92%	2.044%
73	15.380	2257	2260	2266	rVB	378819	440295	15.77%	1.406%
74	15.445	2267	2271	2274	rBV	916261	1136224	40.69%	3.628%

Sum of corrected areas: 31320205

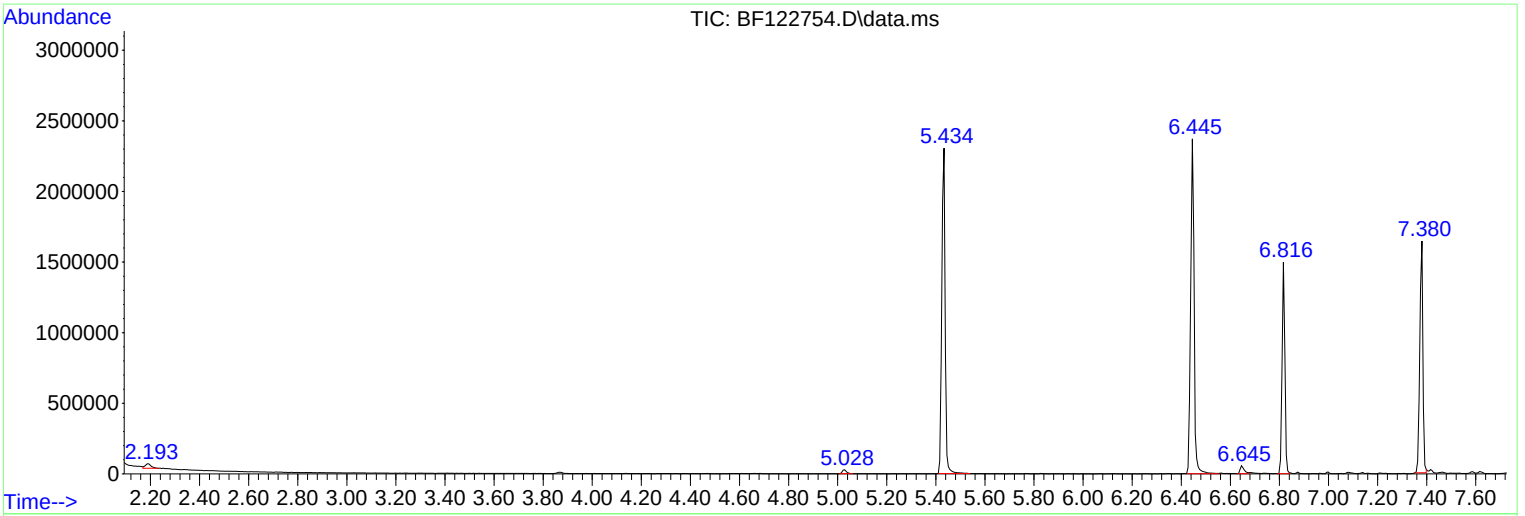
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

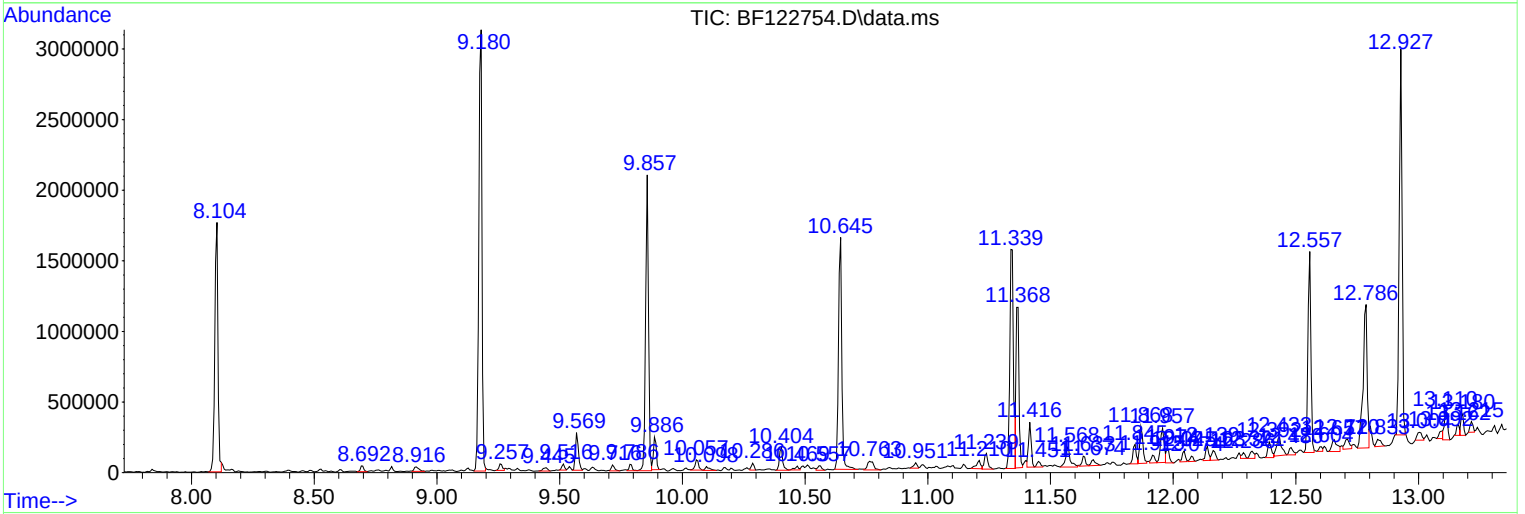
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

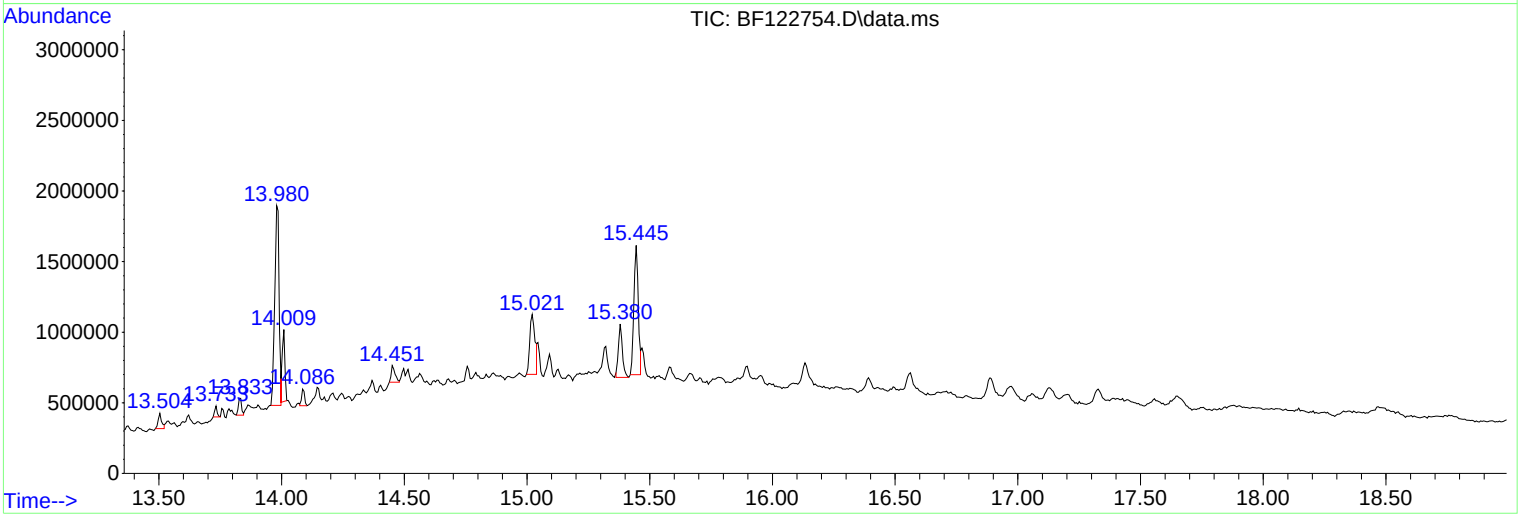
Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

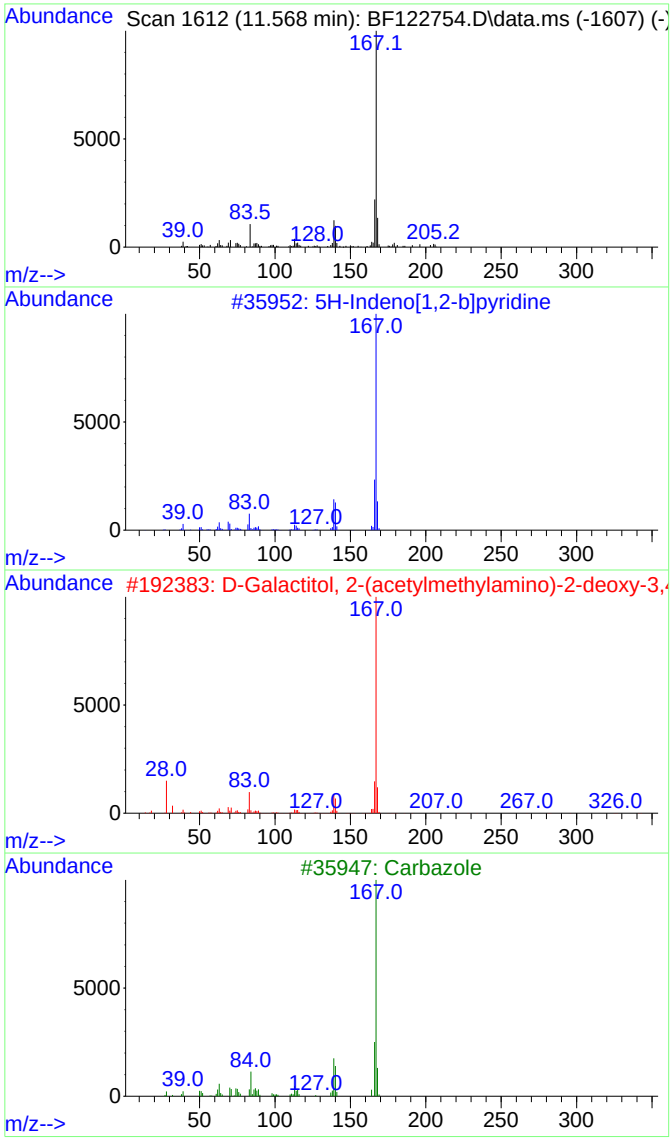
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

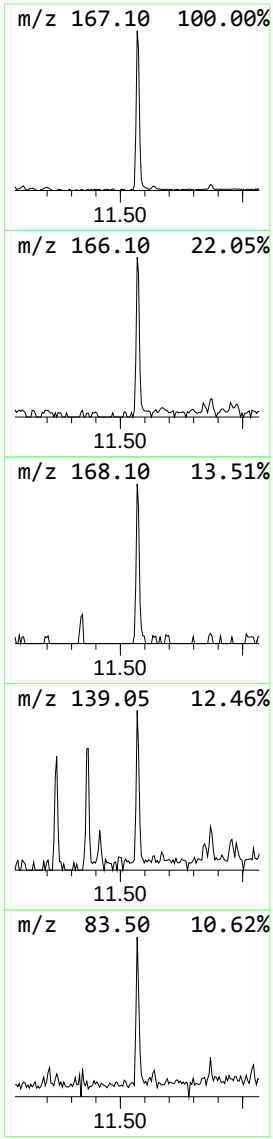
****

Peak Number 1 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.568	2.31 ng	188150	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	91
3	Carbazole	167	C12H9N	000086-74-8	90
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

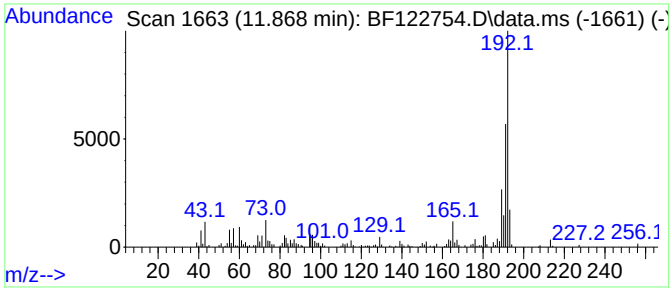
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

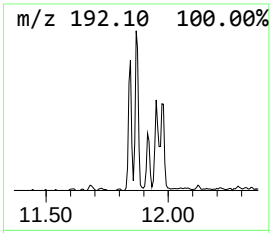
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

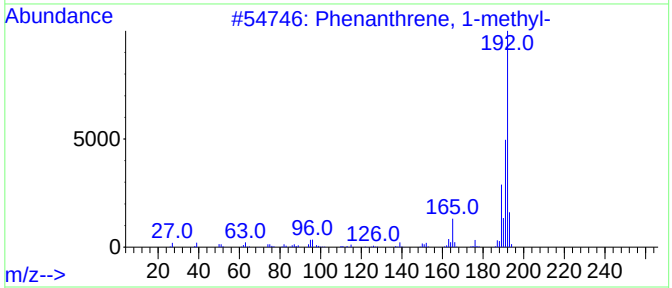
****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

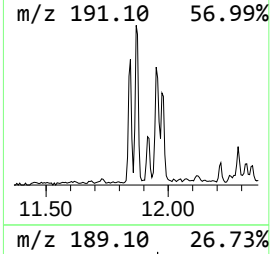
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	2.89 ng	235624	Phenanthrene-d10	11.345

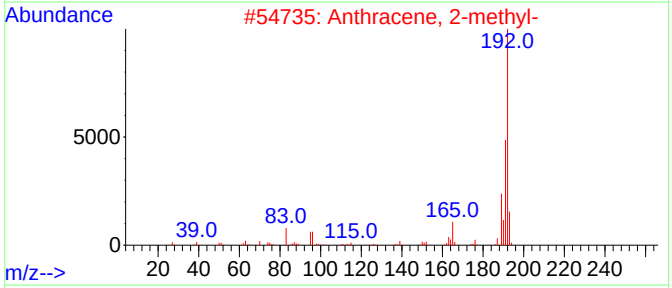
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95

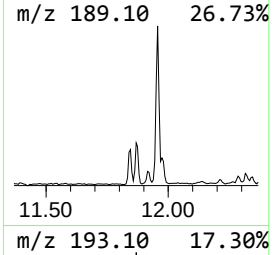


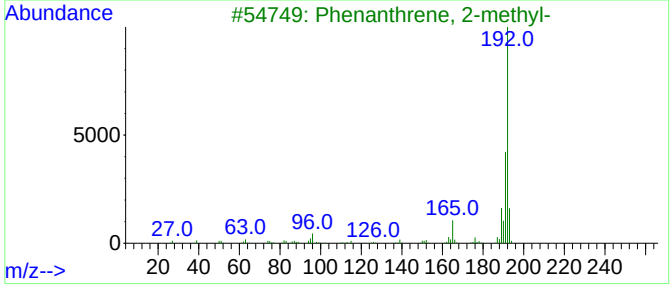


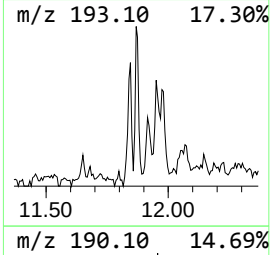


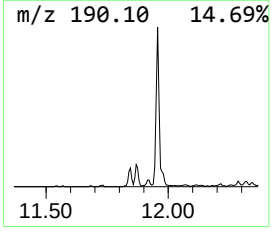












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

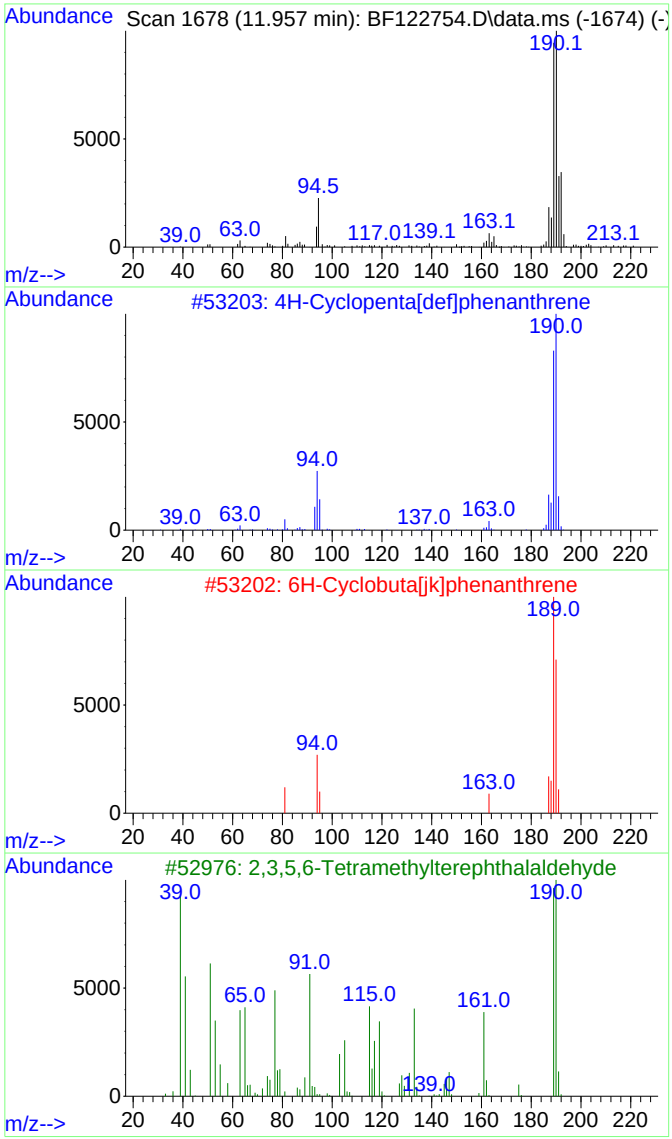
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

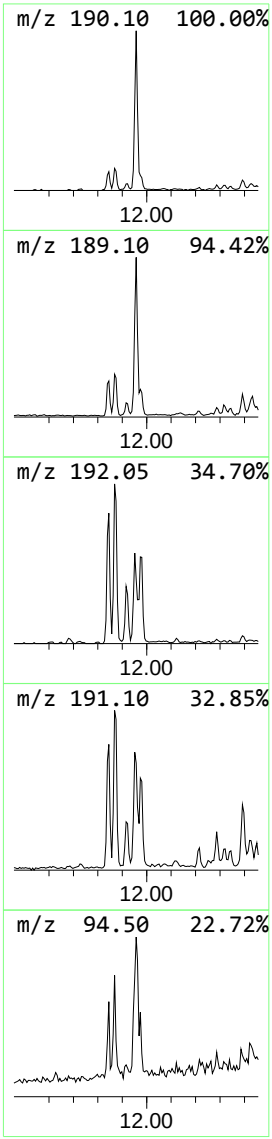
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.17 ng	257955	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

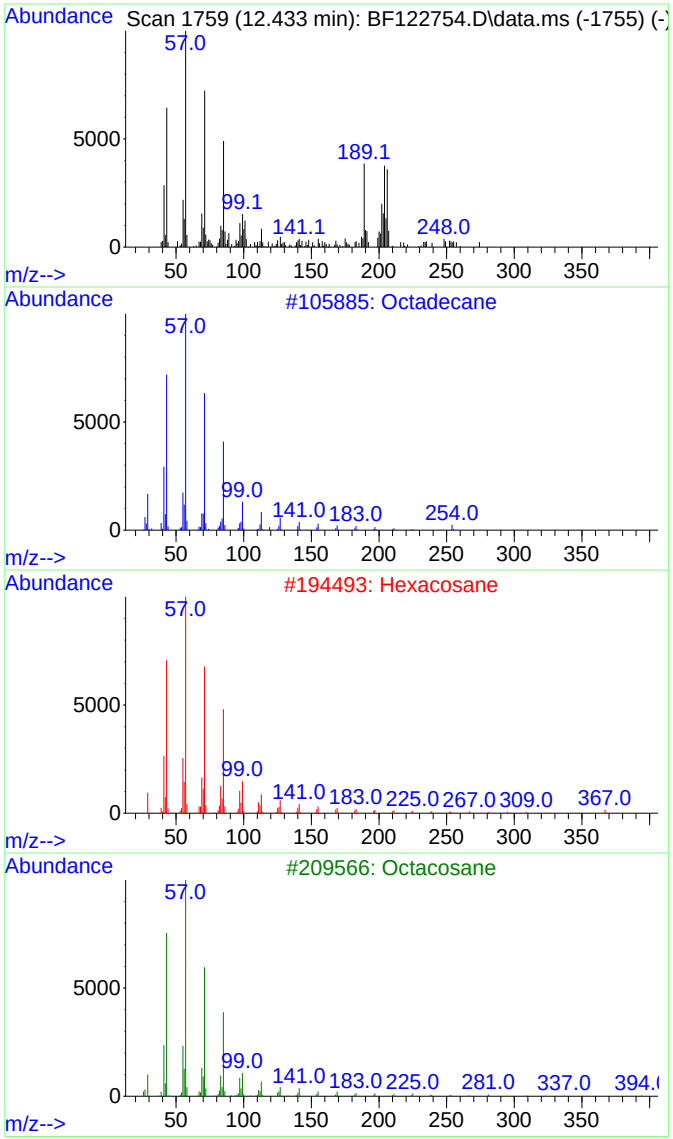
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

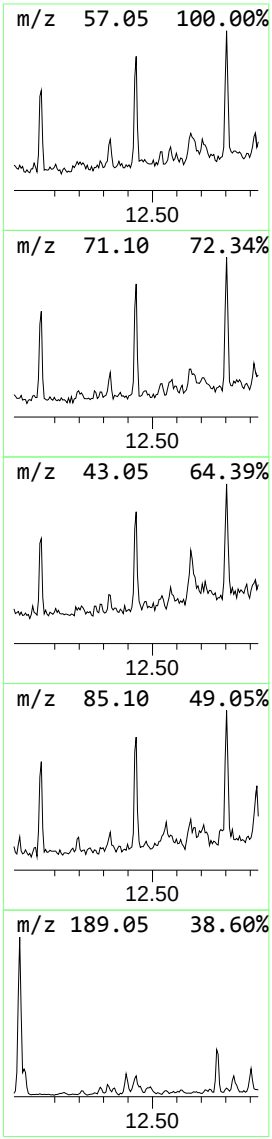
****

Peak Number 4 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	2.28 ng	185566	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	55
2	Hexacosane	366	C26H54	000630-01-3	38
3	Octacosane	394	C28H58	000630-02-4	38
4	Heneicosane	296	C21H44	000629-94-7	30
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

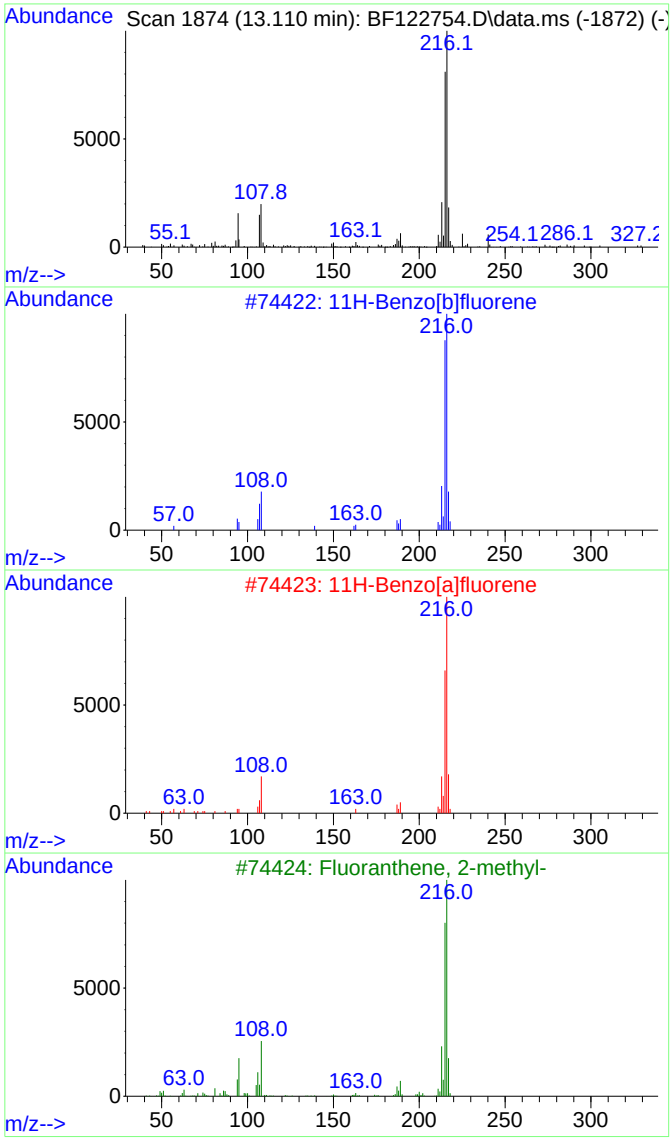
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

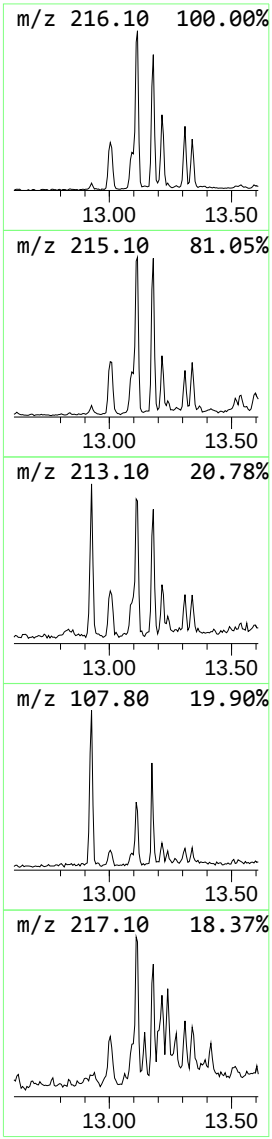
****

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.16 ng	191644	Chrysene-d12	13.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122754.D
Acq On : 16 Dec 2020 17:16
Operator : JU/CG
Sample : L5093-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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
5H-Indeno[1,2-b...	11.568	2.3	ng	188150	4	11.345	1628050	20.0
Phenanthrene, 1...	11.868	2.9	ng	235624	4	11.345	1628050	20.0
4H-Cyclopenta[d...	11.957	3.2	ng	257955	4	11.345	1628050	20.0
Octadecane	12.433	2.3	ng	185566	4	11.345	1628050	20.0
11H-Benzo[b]flu...	13.110	2.2	ng	191644	5	13.986	1775950	20.0