LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120654.D
Acq On : 18 Jun 2020 20:57
Operator : JU/CG
Sample : L2809-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061720

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-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	492	494	500	rBV	33745	35732	1.89%	0.176%
2	5.416	562	566	578	rVB	1328843	1254979	66.43%	6.169%
3	6.440	736	740	753	rBV	1447238	1315186	69.61%	6.465%
4	6.804	798	802	805	rBV	1002682	795149	42.09%	3.909%
5	6.957	824	828	832	rBV	1428877	1133104	59.98%	5.570%
6	7.363	893	897	900	rBV	931970	756287	40.03%	3.718%
7	8.087	1016	1020	1023	rBV	1140133	996429	52.74%	4.898%
8	9.157	1198	1202	1205	rBV	2081441	1644905	87.07%	8.086%
9	9.498	1257	1260	1262	rBV	25211	24931	1.32%	0.123%
10	9.551	1266	1269	1277	rBV	143968	148444	7.86%	0.730%
11	9.698	1291	1294	1298	rBV	136460	116123	6.15%	0.571%
12	9.839	1314	1318	1321	rBV	1315497	1134268	60.04%	5.576%
13	9.869	1321	1323	1328	rVB2	25809	29353	1.55%	0.144%
14	10.039	1348	1352	1356	rVB3	23308	23970	1.27%	0.118%
15	10.151	1368	1371	1373	rBV3	21372	23677	1.25%	0.116%
16	10.245	1382	1387	1389	rBV4	16053	21079	1.12%	0.104%
17	10.269	1389	1391	1393	rVB2	30604	22224	1.18%	0.109%
18	10.381	1407	1410	1417	rVB2	32251	42677	2.26%	0.210%
19	10.492	1426	1429	1434	rVB2	30142	32109	1.70%	0.158%
20	10.622	1448	1451	1459	rVB	1109332	988474	52.32%	4.859%
21	10.751	1469	1473	1476	rBV2	53850	75817	4.01%	0.373%
22	10.928	1500	1503	1506	rBV4	26524	34140	1.81%	0.168%
23	11.216	1550	1552	1558	rVB	48293	51951	2.75%	0.255%
24	11.322	1566	1570	1573	rBV	1427709	1276179	67.55%	6.274%
25	11.345	1573	1574	1578	rVV	288461	167831	8.88%	0.825%
26	11.398	1580	1583	1586	rVB	130735	105037	5.56%	0.516%
27	11.433	1586	1589	1592	rBV3	23650	30101	1.59%	0.148%
28	11.551	1607	1609	1615	rBV4	21870	35403	1.87%	0.174%
29	11.616	1618	1620	1622	rVV	35559	27012	1.43%	0.133%
30	11.651	1622	1626	1629	rVB2	21089	29038	1.54%	0.143%
31	11.716	1633	1637	1639	rBV	147404	124369	6.58%	0.611%
32	11.822	1652	1655	1658	rBV	88504	81976	4.34%	0.403%
33	11.851	1658	1660	1663	rVB	108024	84522	4.47%	0.415%
34	11.898	1665	1668	1671	rBV	47480	39608	2.10%	0.195%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120654.D
Acq On : 18 Jun 2020 20:57
Operator : JU/CG
Sample : L2809-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061720

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-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.933	1671	1674	1677	rBV	137802	152917	8.09%	0.752%
36	12.022	1686	1689	1692	rVB2	23342	24700	1.31%	0.121%
37	12.116	1703	1705	1708	rBV	33375	30290	1.60%	0.149%
38	12.145	1708	1710	1713	rVB3	25066	22685	1.20%	0.112%
39	12.251	1725	1728	1729	rBV3	21730	21439	1.13%	0.105%
40	12.269	1729	1731	1733	rVB	31178	22635	1.20%	0.111%
41	12.298	1733	1736	1738	rBV2	44285	39590	2.10%	0.195%
42	12.375	1745	1749	1751	rBV	81902	91659	4.85%	0.451%
43	12.398	1751	1753	1755	rVV2	233368	234098	12.39%	1.151%
44	12.422	1755	1757	1761	rVV2	302133	286616	15.17%	1.409%
45	12.457	1761	1763	1768	rVV2	51435	71851	3.80%	0.353%
46	12.504	1769	1771	1773	rVV2	42207	43553	2.31%	0.214%
47	12.533	1773	1776	1779	rVB	414433	321481	17.02%	1.580%
48	12.627	1789	1792	1795	rBV	54074	55273	2.93%	0.272%
49	12.763	1810	1815	1817	rBV	480658	441396	23.36%	2.170%
50	12.904	1835	1839	1846	rVB	2042502	1889262	100.00%	9.287%
51	12.980	1849	1852	1856	rBV2	55263	80431	4.26%	0.395%
52	13.069	1864	1867	1868	rBV3	56522	55767	2.95%	0.274%
53	13.092	1869	1871	1874	rVB	98708	80478	4.26%	0.396%
54	13.157	1880	1882	1884	rVB	67456	45026	2.38%	0.221%
55	13.192	1886	1888	1892	rVB2	71274	70144	3.71%	0.345%
56	13.286	1902	1904	1907	rBV	68952	54194	2.87%	0.266%
57	13.316	1907	1909	1913	rVV	56685	47848	2.53%	0.235%
58	13.810	1990	1993	2002	rVB5	162702	281229	14.89%	1.382%
59	13.963	2014	2019	2021	rBV2	1353968	1376827	72.88%	6.768%
60	13.986	2021	2023	2026	rVB	207270	152985	8.10%	0.752%
61	14.986	2190	2193	2196	rBV	230284	297547	15.75%	1.463%
62	15.339	2251	2253	2259	rVB	190295	241817	12.80%	1.189%
63	15.410	2260	2265	2275	rVB	765724	1106534	58.57%	5.440%

Sum of corrected areas: 20342356

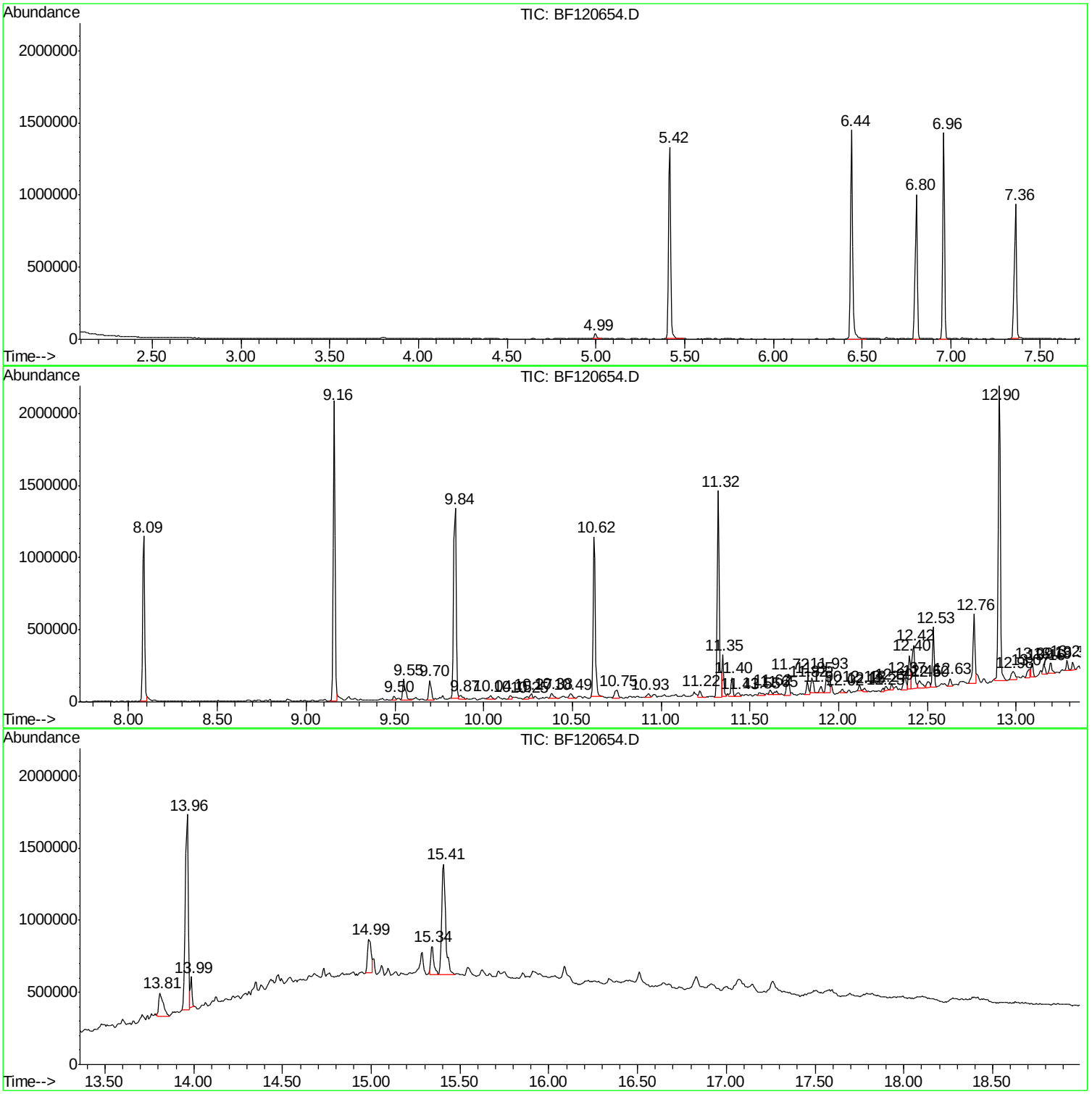
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120654.D
Acq On : 18 Jun 2020 20:57
Operator : JU/CG
Sample : L2809-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-061720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120654.D
Acq On : 18 Jun 2020 20:57
Operator : JU/CG
Sample : L2809-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

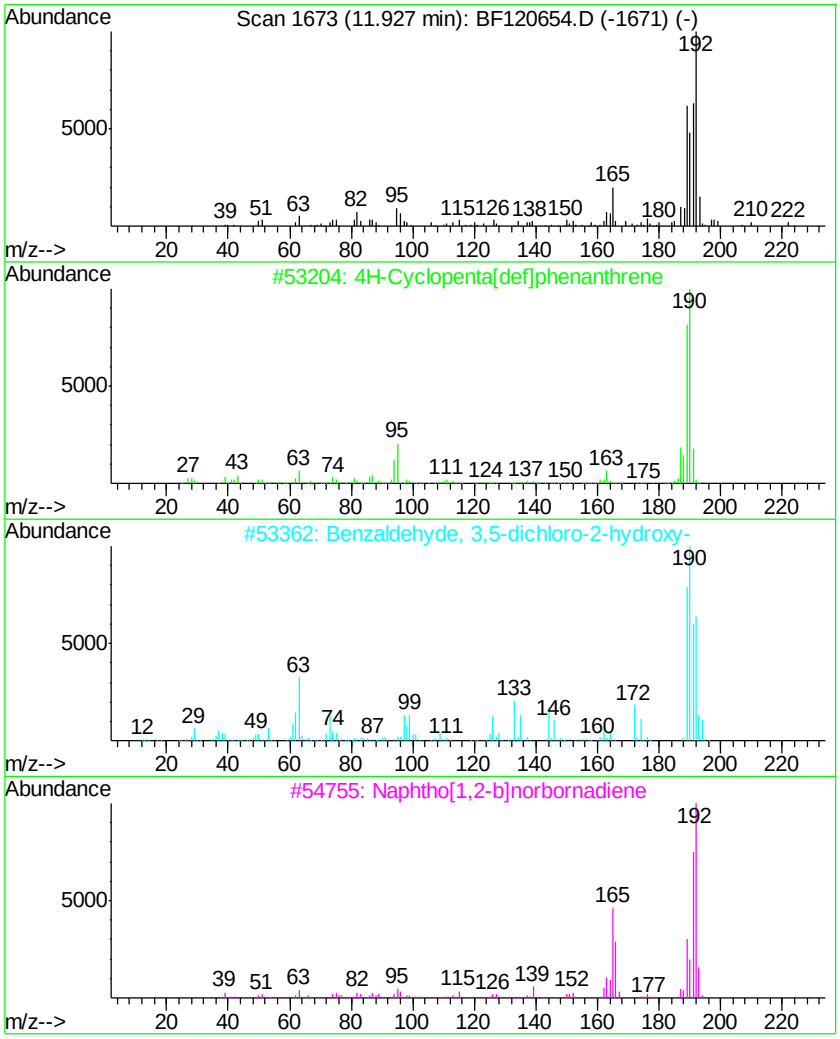
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

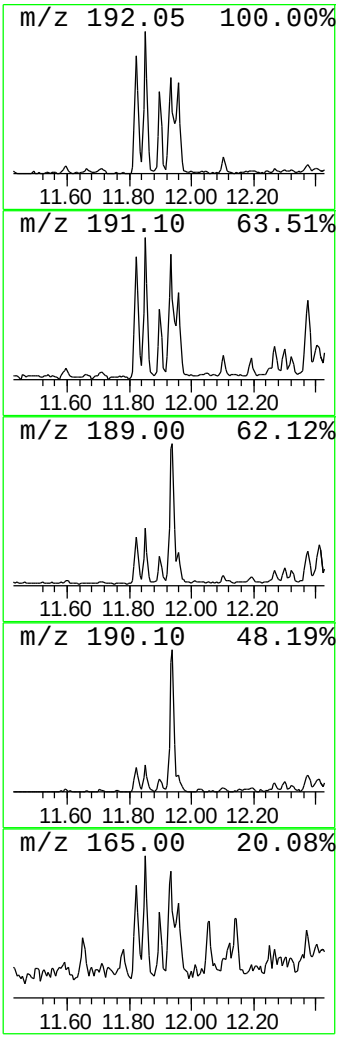
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.40 ng	152917	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120654.D
Acq On : 18 Jun 2020 20:57
Operator : JU/CG
Sample : L2809-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

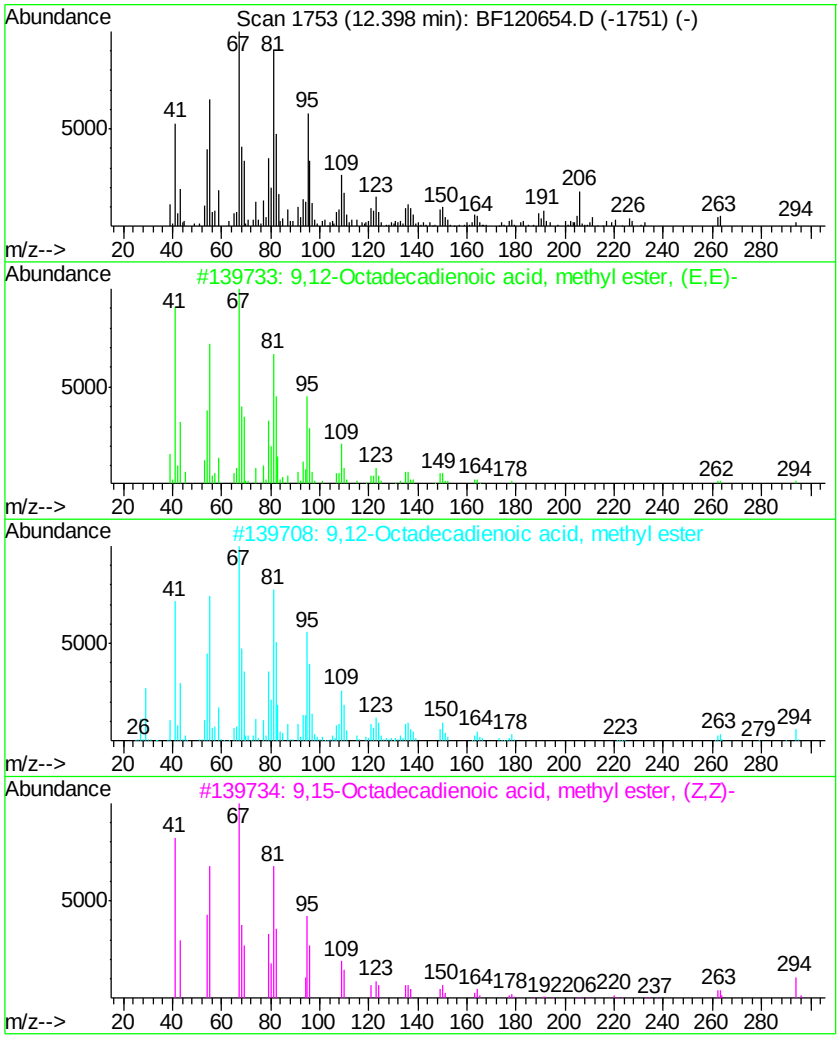
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

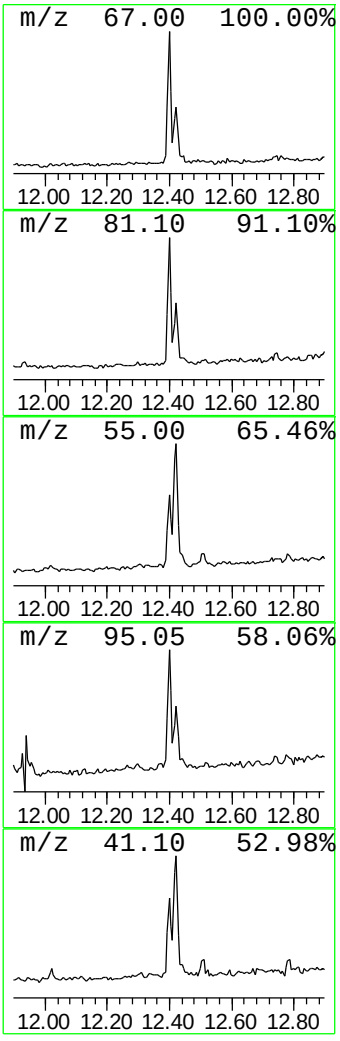
****

Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.67 ng	234098	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120654.D
Acq On : 18 Jun 2020 20:57
Operator : JU/CG
Sample : L2809-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

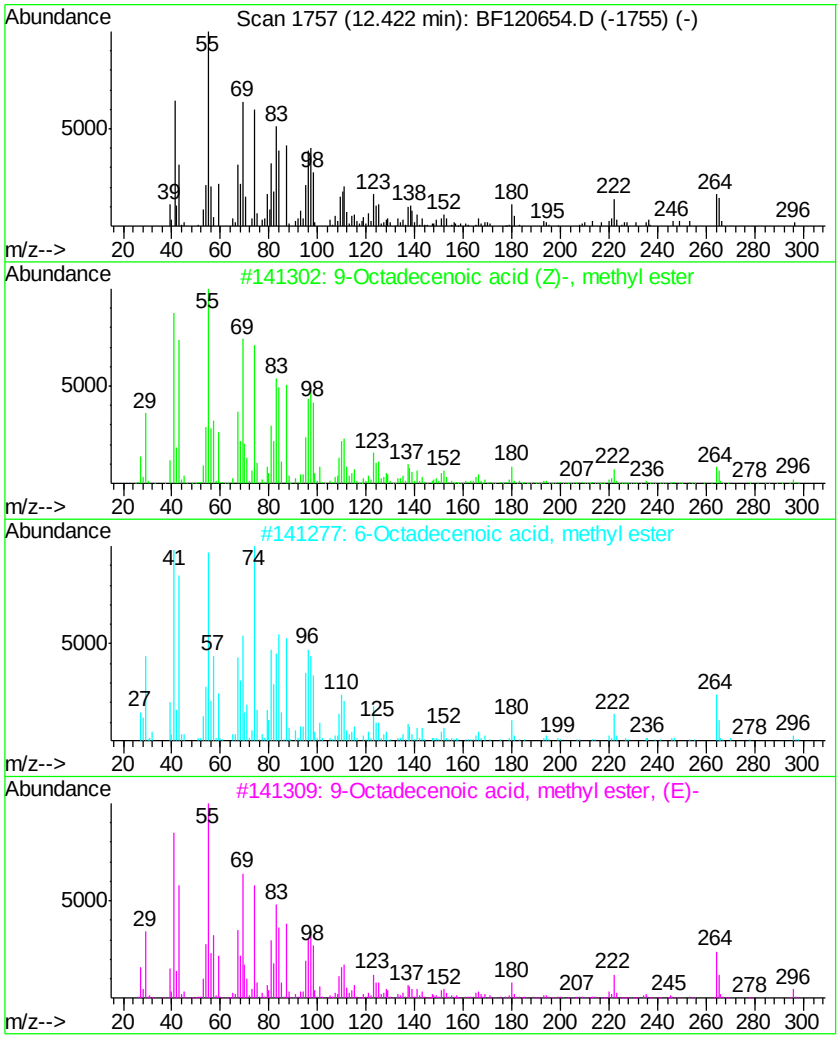
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

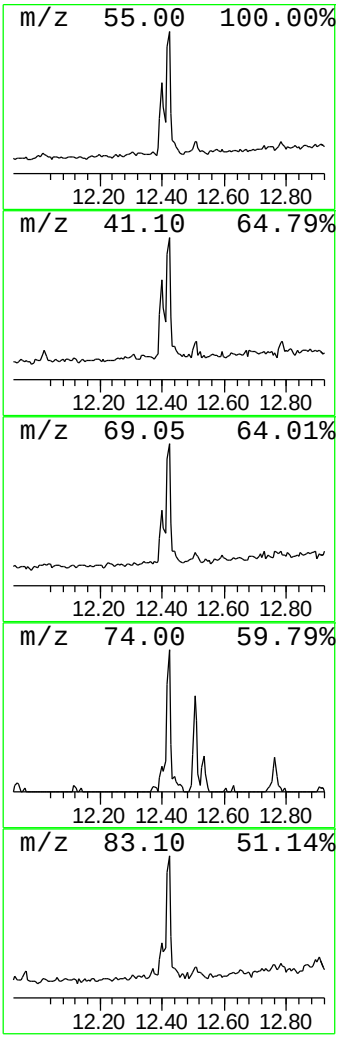
****

Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.49 ng	286616	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120654.D
Acq On : 18 Jun 2020 20:57
Operator : JU/CG
Sample : L2809-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

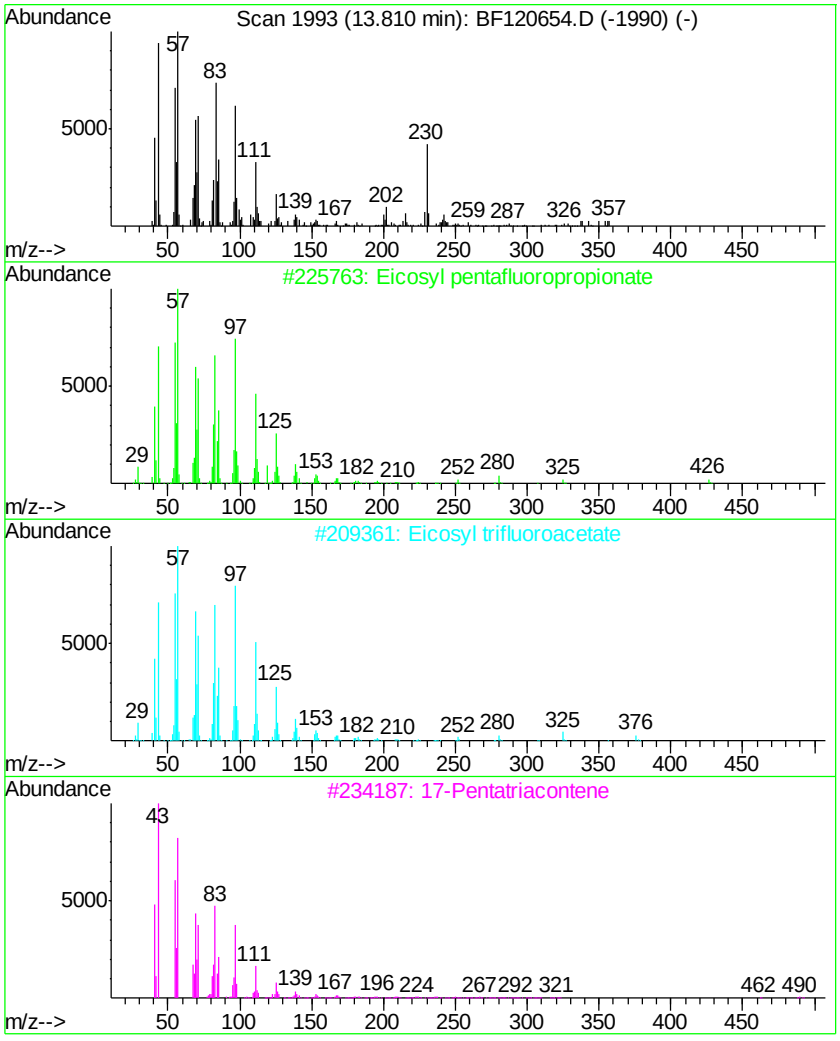
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

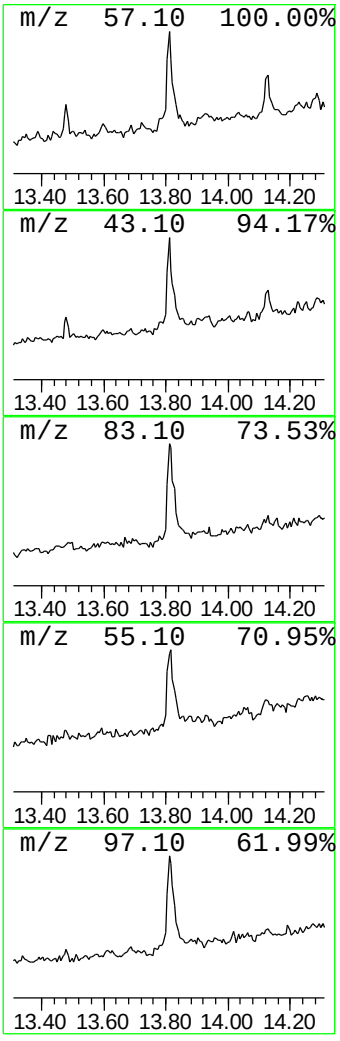
****

Peak Number 5 Eicosyl pentafluoropropionate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.09 ng	281229	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	81
2	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	81
3	17-Pentatriacontene	491	C35H70	006971-40-0	76
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	76
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061820\
Data File : BF120654.D
Acq On : 18 Jun 2020 20:57
Operator : JU/CG
Sample : L2809-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-061720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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
4H-Cyclopenta[def...	11.93	2.4	ng	152917	4	11.32	1276180	20.0
9,12-Octadecadien...	12.40	3.7	ng	234098	4	11.32	1276180	20.0
9-Octadecenoic ac...	12.42	4.5	ng	286616	4	11.32	1276180	20.0
Eicosyl pentafluo...	13.81	4.1	ng	281229	5	13.96	1376830	20.0