LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

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-BF092218.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	4.898	475	478	484	rBV	49493	64424	2.95%	0.259%
2	5.322	546	550	576	rBV	1343617	1637116	74.86%	6.592%
3	6.351	721	725	742	rBV	1426042	1850779	84.63%	7.453%
4	6.475	742	746	769	rVB	1905683	1868742	85.45%	7.525%
5	6.698	781	784	795	rBV	501985	571490	26.13%	2.301%
6	6.857	807	811	827	rBV	1545512	1422219	65.04%	5.727%
7	7.263	876	880	907	rBV	1079371	1209651	55.32%	4.871%
8	7.980	998	1002	1022	rBV	787995	774263	35.41%	3.118%
9	9.057	1181	1185	1197	rBV	2338798	2186818	100.00%	8.806%
10	9.145	1198	1200	1214	rVB4	15171	27707	1.27%	0.112%
11	9.451	1248	1252	1260	rBV	171773	157014	7.18%	0.632%
12	9.727	1295	1299	1303	rBV	808134	811212	37.10%	3.267%
13	9.763	1303	1305	1315	rVB	60711	64184	2.94%	0.258%
14	9.933	1331	1334	1339	rBV3	17089	26179	1.20%	0.105%
15	10.274	1389	1392	1399	rVB	35716	38472	1.76%	0.155%
16	10.516	1429	1433	1451	rBV	1121665	1159810	53.04%	4.670%
17	10.639	1451	1454	1459	rVB2	19512	23898	1.09%	0.096%
18	11.104	1532	1533	1539	rVB2	19409	23611	1.08%	0.095%
19	11.210	1547	1551	1553	rBV	734907	711365	32.53%	2.864%
20	11.233	1553	1555	1561	rVV	400404	374256	17.11%	1.507%
21	11.286	1561	1564	1568	rVB	61240	65468	2.99%	0.264%
22	11.445	1585	1591	1598	rBV	29592	43118	1.97%	0.174%
23	11.610	1616	1619	1626	rBV	199929	164217	7.51%	0.661%
24	11.710	1633	1636	1638	rBV	49432	47042	2.15%	0.189%
25	11.745	1638	1642	1647	rVV2	215813	235246	10.76%	0.947%
26	11.816	1651	1654	1657	rBV	86695	92134	4.21%	0.371%
27	12.004	1683	1686	1689	rBV	33765	36051	1.65%	0.145%
28	12.033	1689	1691	1695	rVB	24569	25329	1.16%	0.102%
29	12.257	1726	1729	1732	rBV	41041	42750	1.95%	0.172%
30	12.292	1732	1735	1736	rVV	182979	157018	7.18%	0.632%
31	12.316	1736	1739	1741	rVV	524600	500085	22.87%	2.014%
32	12.333	1741	1742	1748	rVB3	52954	52594	2.41%	0.212%
33	12.415	1750	1756	1762	rBV	617998	660752	30.22%	2.661%
34	12.527	1771	1775	1779	rBV2	96094	106209	4.86%	0.428%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.563	1779	1781	1785	rVV	26804	36304	1.66%	0.146%
36	12.639	1789	1794	1799	rVV	511084	579469	26.50%	2.333%
37	12.698	1802	1804	1809	rVB2	37063	40777	1.86%	0.164%
38	12.763	1812	1815	1816	rBV2	25318	23705	1.08%	0.095%
39	12.786	1816	1819	1828	rVB	1564003	1513810	69.22%	6.096%
40	12.863	1828	1832	1836	rBV2	27223	45437	2.08%	0.183%
41	12.968	1844	1850	1854	rBV	78602	114110	5.22%	0.459%
42	13.033	1857	1861	1865	rBV3	75953	90115	4.12%	0.363%
43	13.074	1865	1868	1870	rBV2	40048	43174	1.97%	0.174%
44	13.163	1880	1883	1886	rBV	28310	26577	1.22%	0.107%
45	13.198	1886	1889	1892	rBV	23123	24645	1.13%	0.099%
46	13.368	1915	1918	1920	rBV2	46705	34521	1.58%	0.139%
47	13.480	1934	1937	1942	rVB	27169	29828	1.36%	0.120%
48	13.586	1950	1955	1957	rBV	44198	53429	2.44%	0.215%
49	13.610	1957	1959	1962	rVV	27830	27669	1.27%	0.111%
50	13.692	1969	1973	1980	rVB4	136875	187299	8.56%	0.754%
51	13.833	1992	1997	2000	rBV2	703497	893999	40.88%	3.600%
52	13.857	2000	2001	2010	rVB	227461	236550	10.82%	0.953%
53	13.939	2010	2015	2019	rBV2	60863	72619	3.32%	0.292%
54	14.009	2024	2027	2030	rBV	109747	96022	4.39%	0.387%
55	14.221	2061	2063	2066	rVB	40147	37967	1.74%	0.153%
56	14.315	2075	2079	2082	rBV	175510	153718	7.03%	0.619%
57	14.609	2125	2129	2132	rBV	236701	243025	11.11%	0.979%
58	14.845	2165	2169	2177	rBV	231584	413072	18.89%	1.663%
59	14.921	2178	2182	2190	rVB2	264122	333685	15.26%	1.344%
60	15.121	2212	2216	2222	rVB	120264	175954	8.05%	0.709%
61	15.180	2222	2226	2231	rBV	186213	241985	11.07%	0.974%
62	15.239	2231	2236	2239	rBV	474755	609417	27.87%	2.454%
63	15.268	2239	2241	2246	rVB2	317795	363993	16.64%	1.466%
64	15.668	2305	2309	2314	rVB	215042	290805	13.30%	1.171%
65	16.127	2382	2387	2399	rVB2	131536	235472	10.77%	0.948%
66	16.592	2460	2466	2473	rBV2	62318	134823	6.17%	0.543%
67	16.662	2474	2478	2488	rVB3	58090	116995	5.35%	0.471%
68	16.986	2529	2533	2540	rBV	41376	82073	3.75%	0.330%

Sum of corrected areas: 24834266

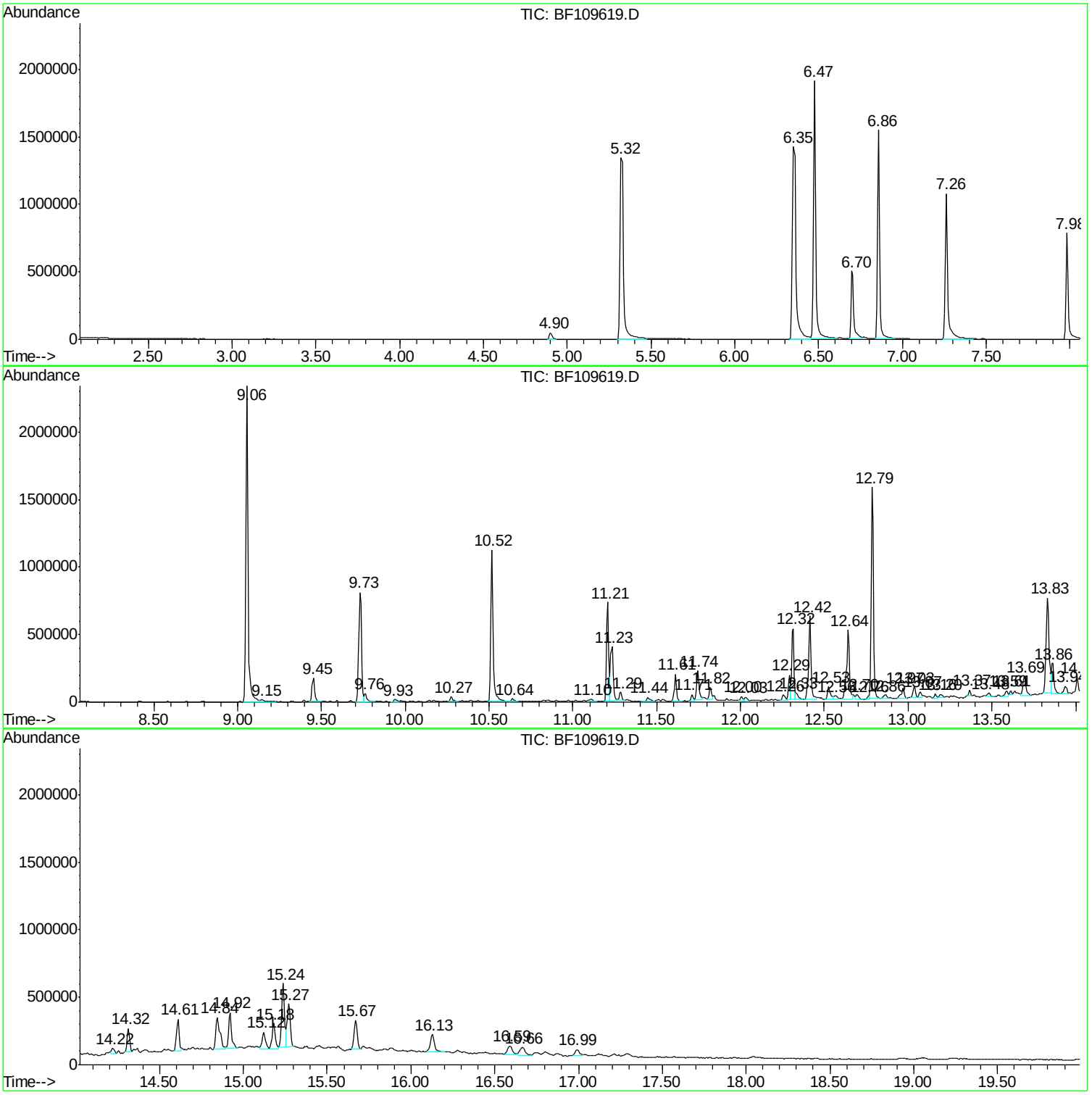
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

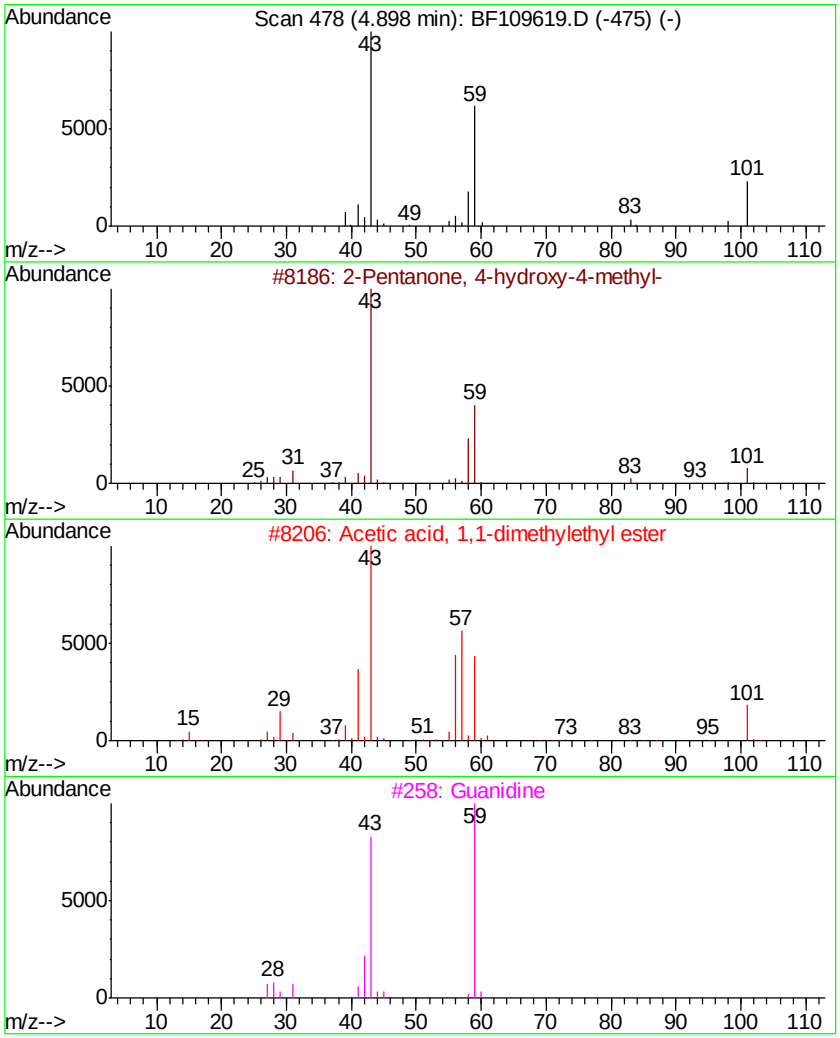
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

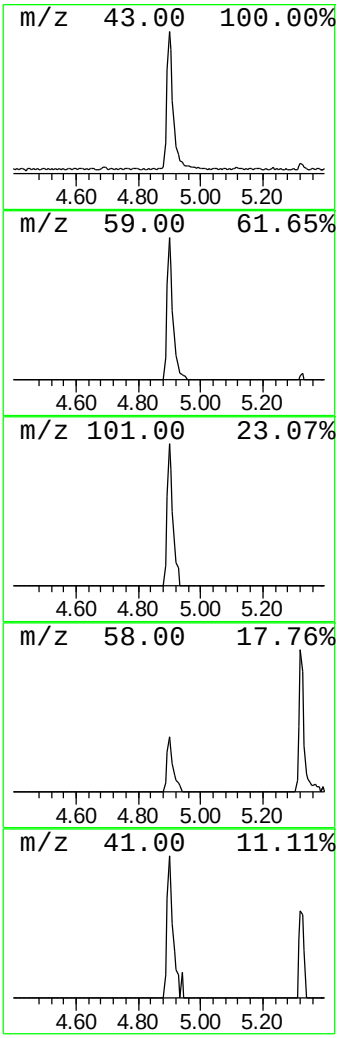
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.25 ng	64424	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Guanidine	59	CH5N3	000113-00-8	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

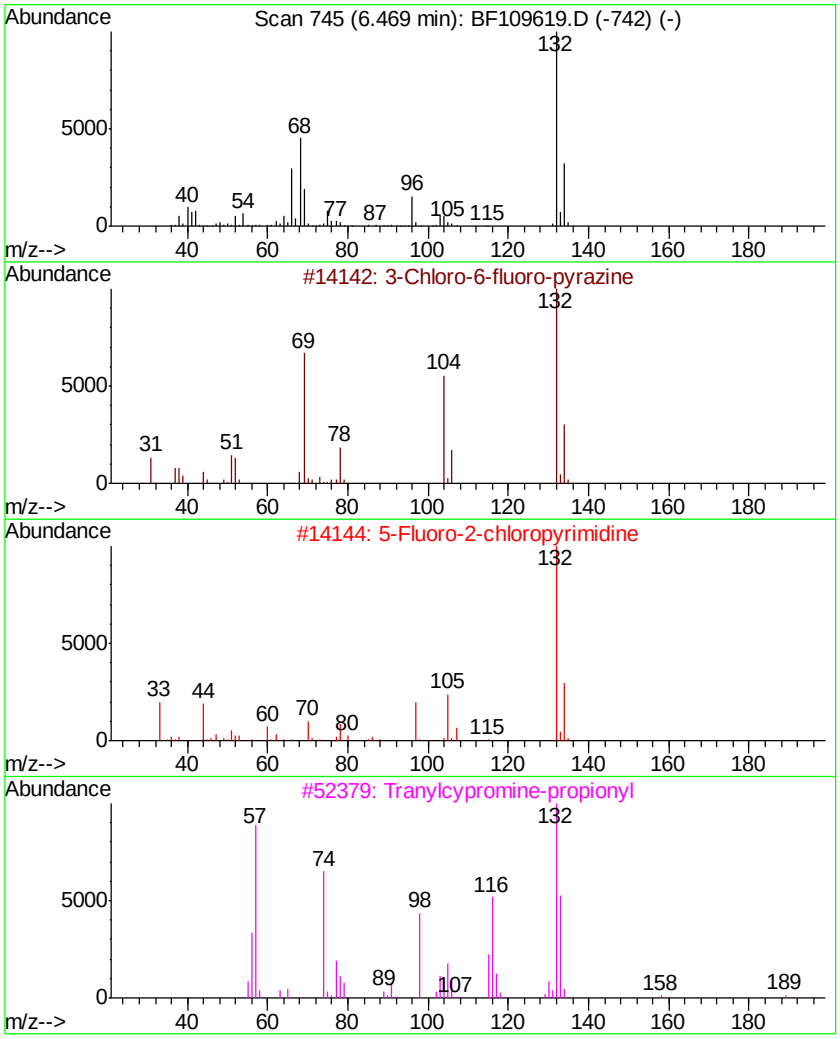
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

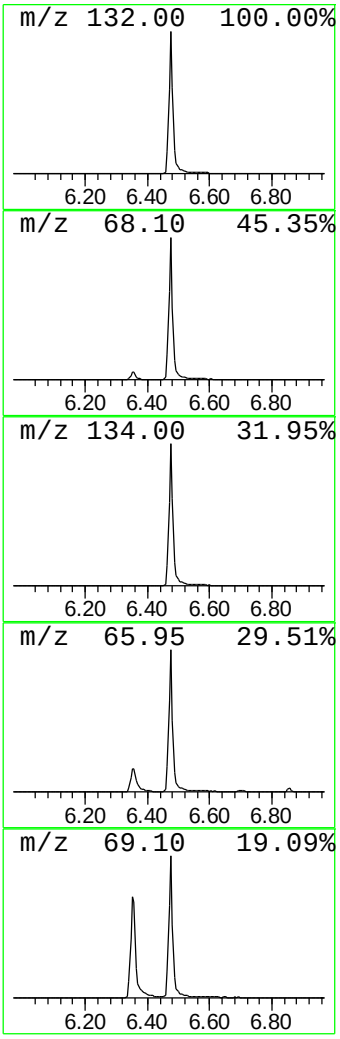
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	65.40 ng	1868740	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

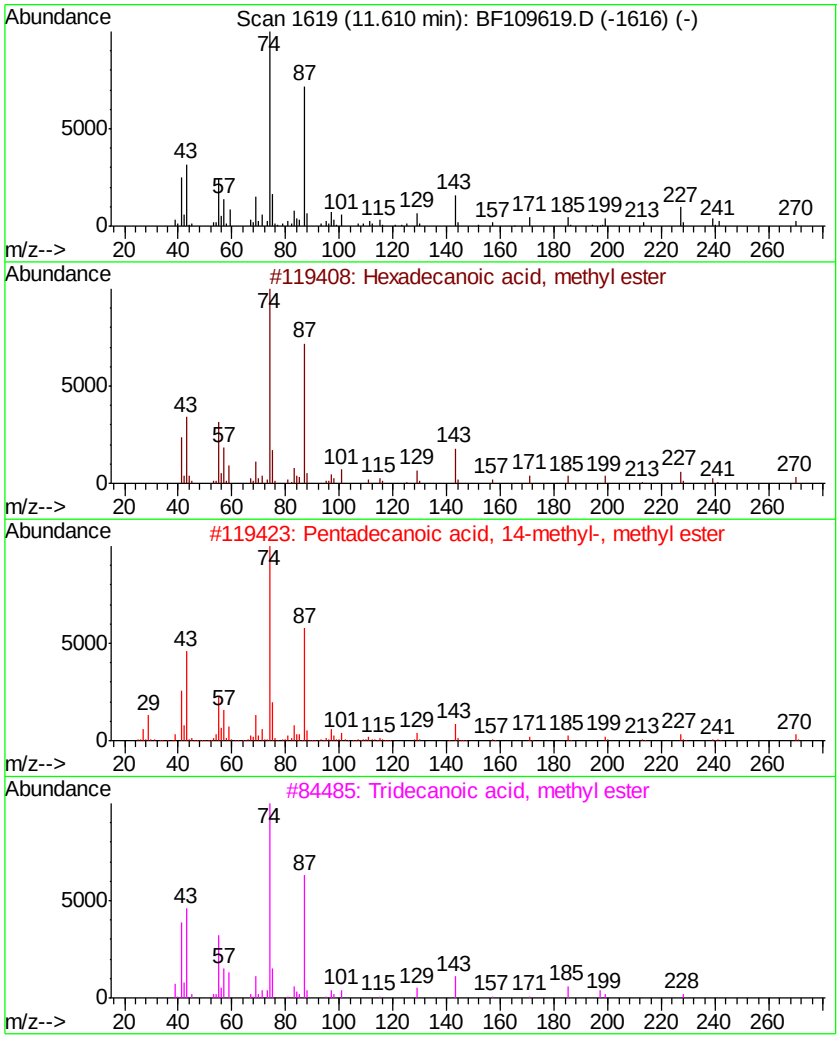
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

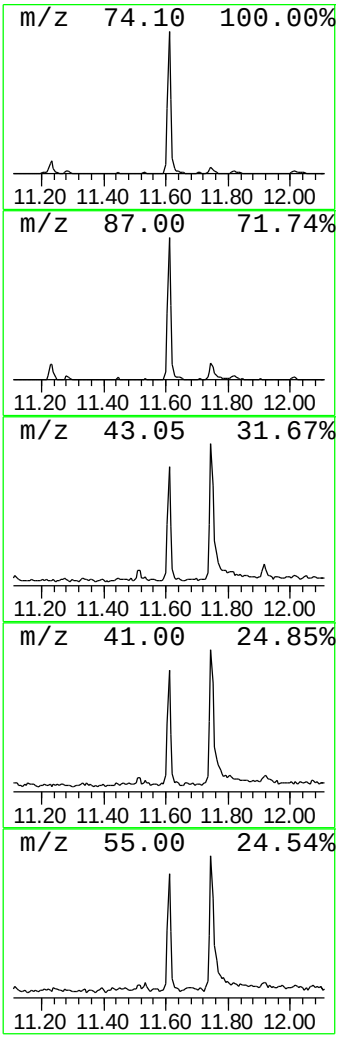
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	4.62 ng	164217	Phenanthrene-d10	11.21

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	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

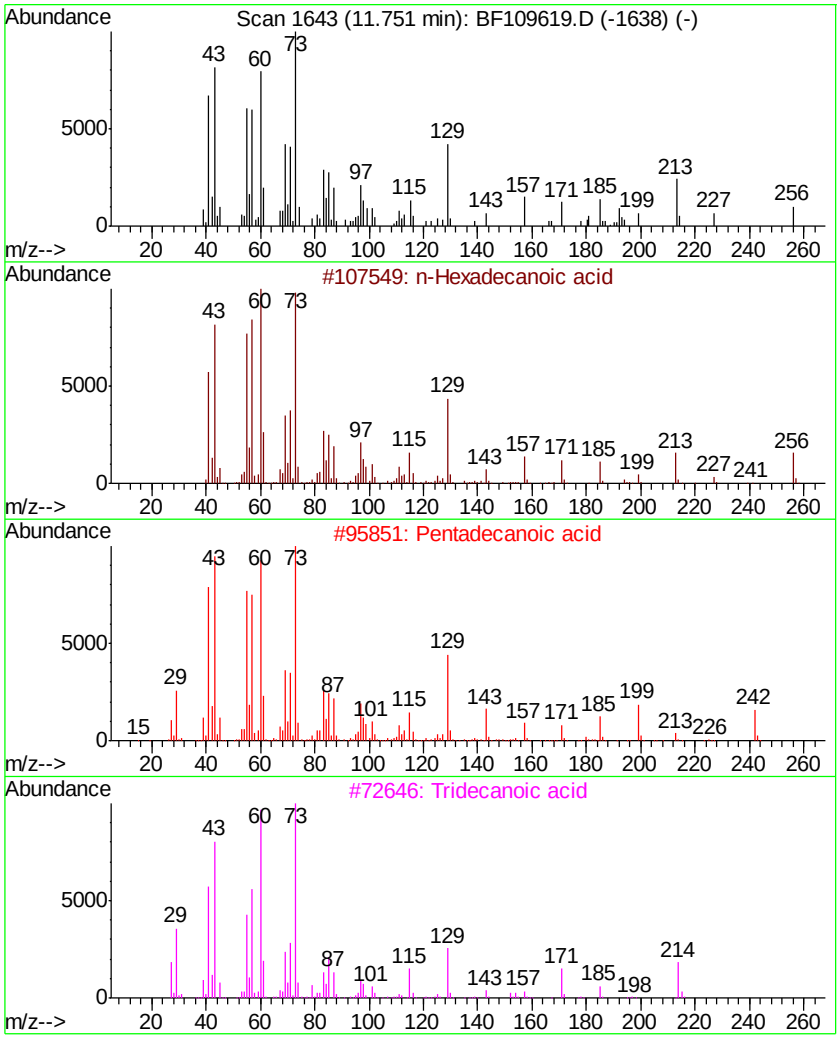
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

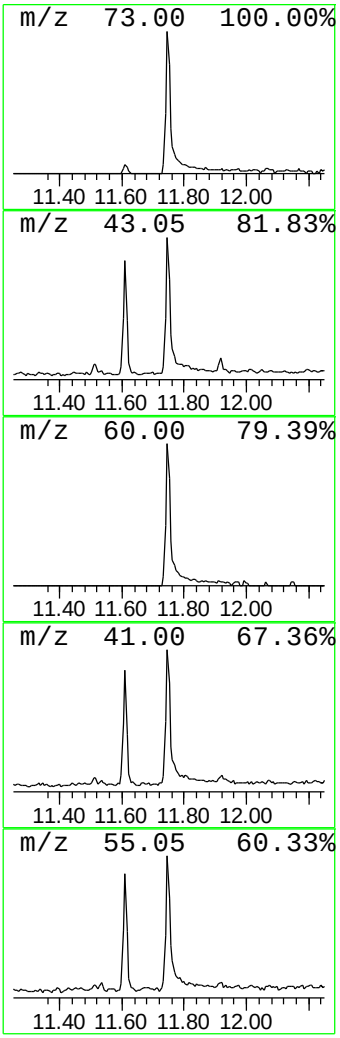
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.61 ng	235246	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	18
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

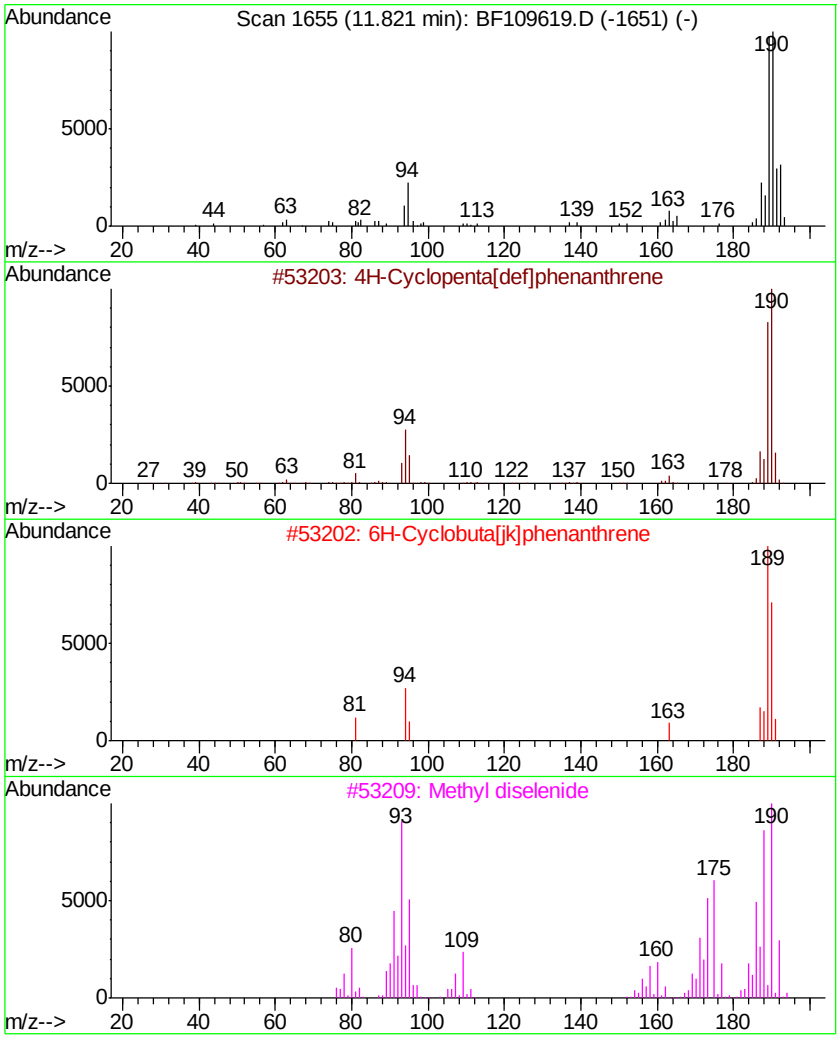
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

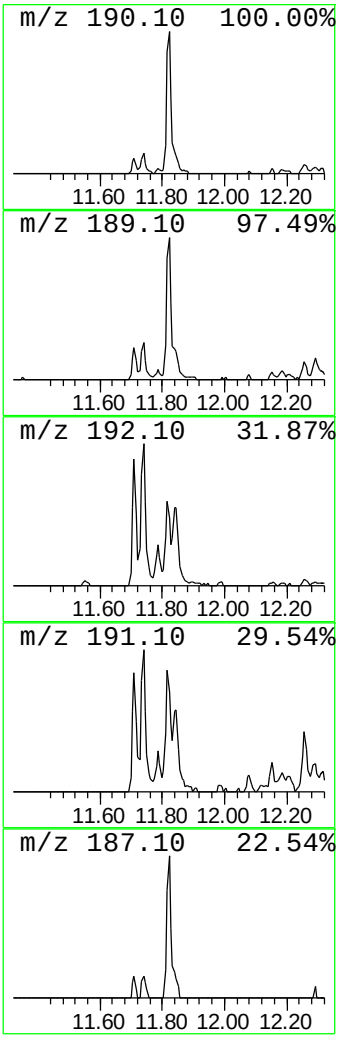
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.59 ng	92134	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	23
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

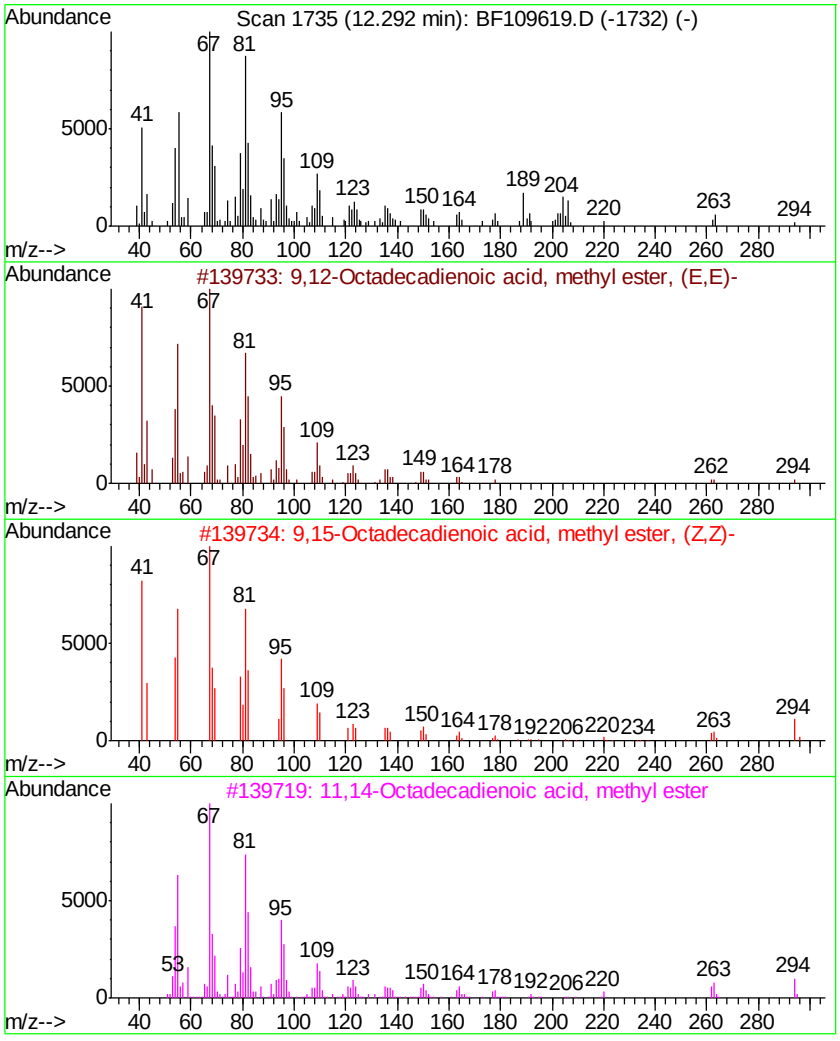
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

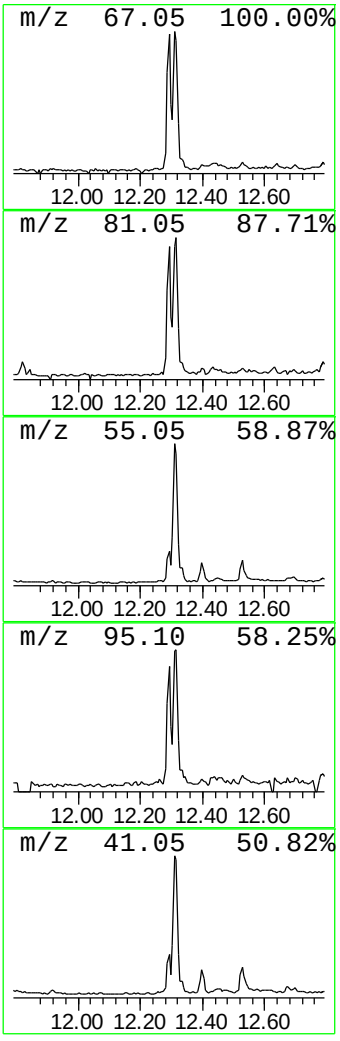
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.41 ng	157018	Phenanthrene-d10	11.21

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	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

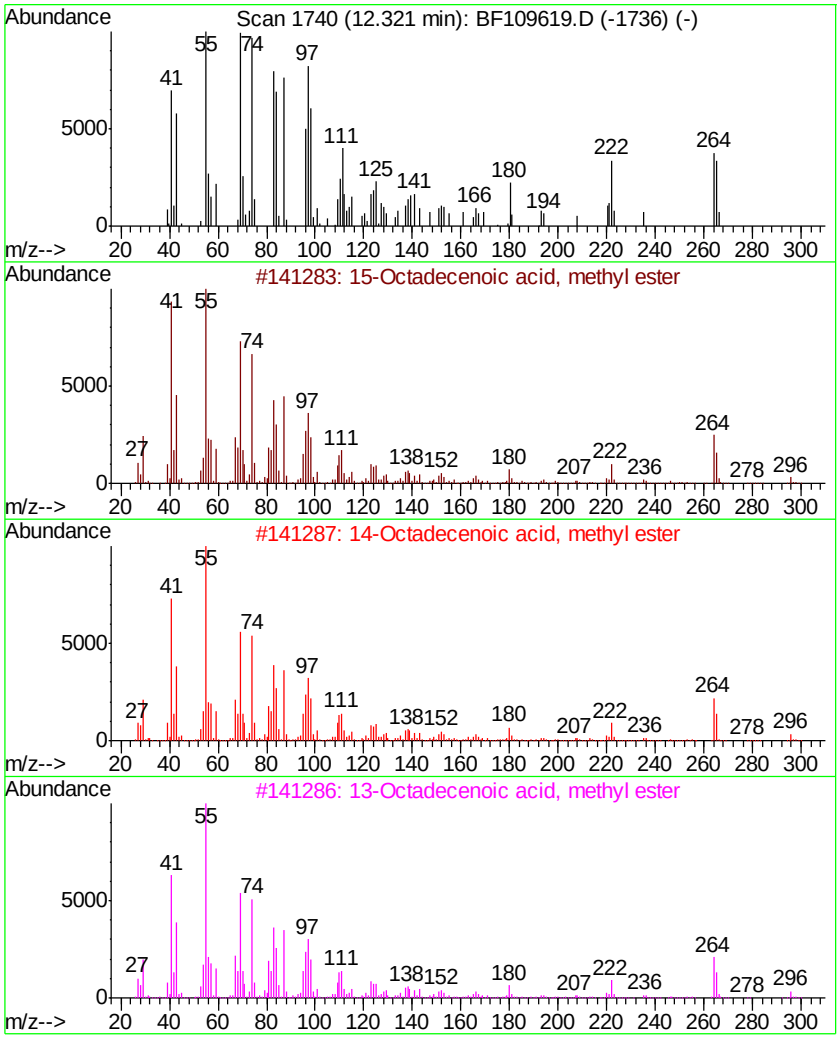
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

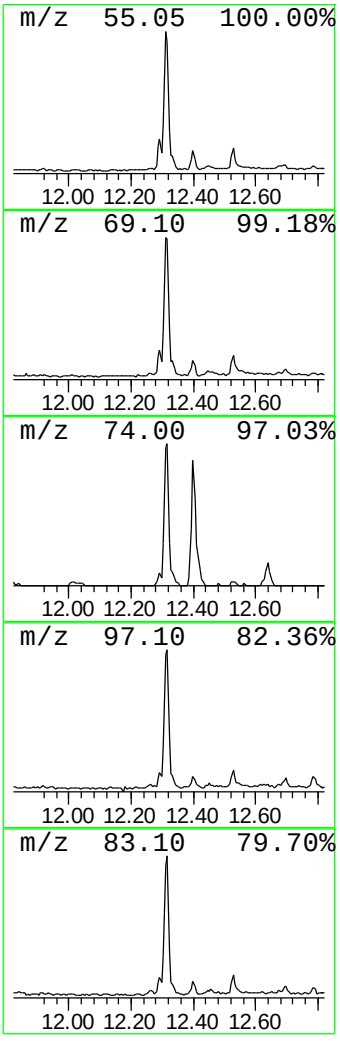
****

Peak Number 8 15-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	14.06 ng	500085	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

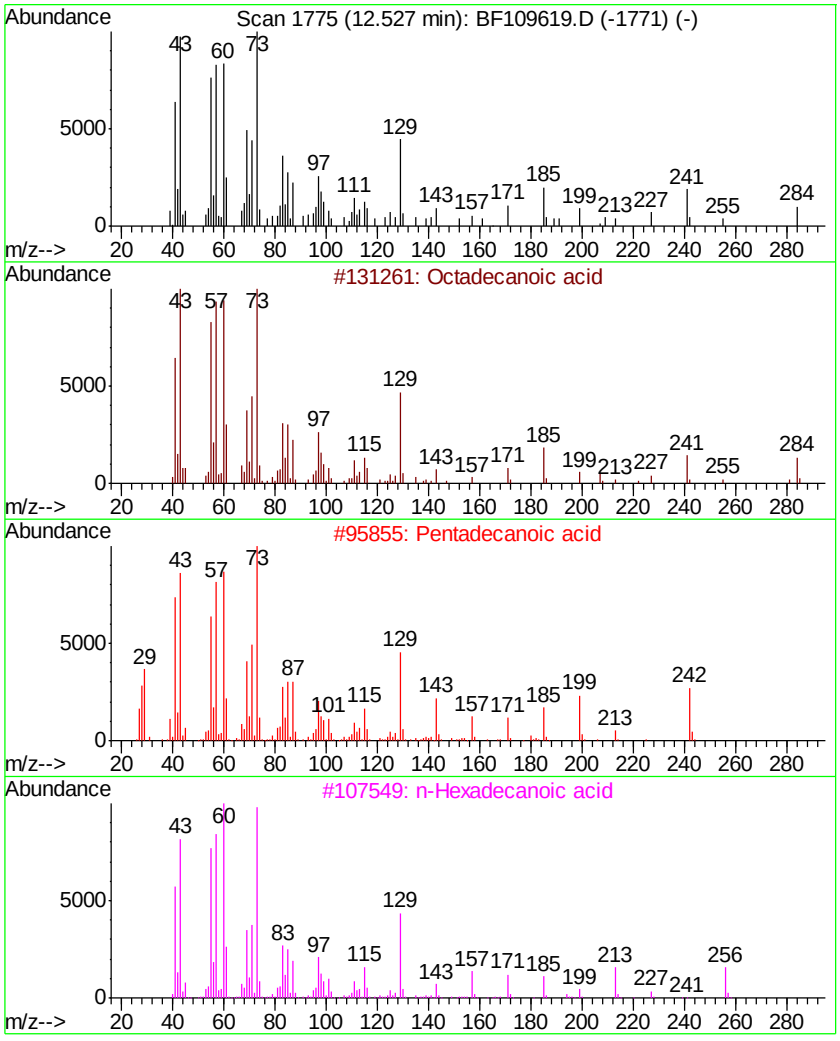
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

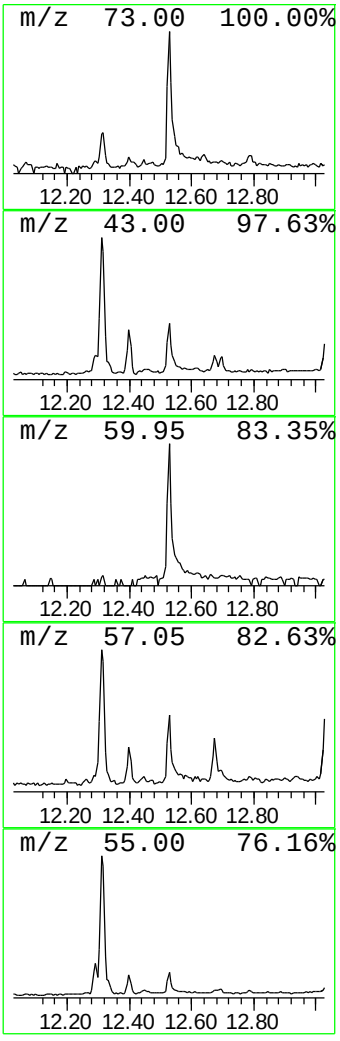
****

Peak Number 9 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.38 ng	106209	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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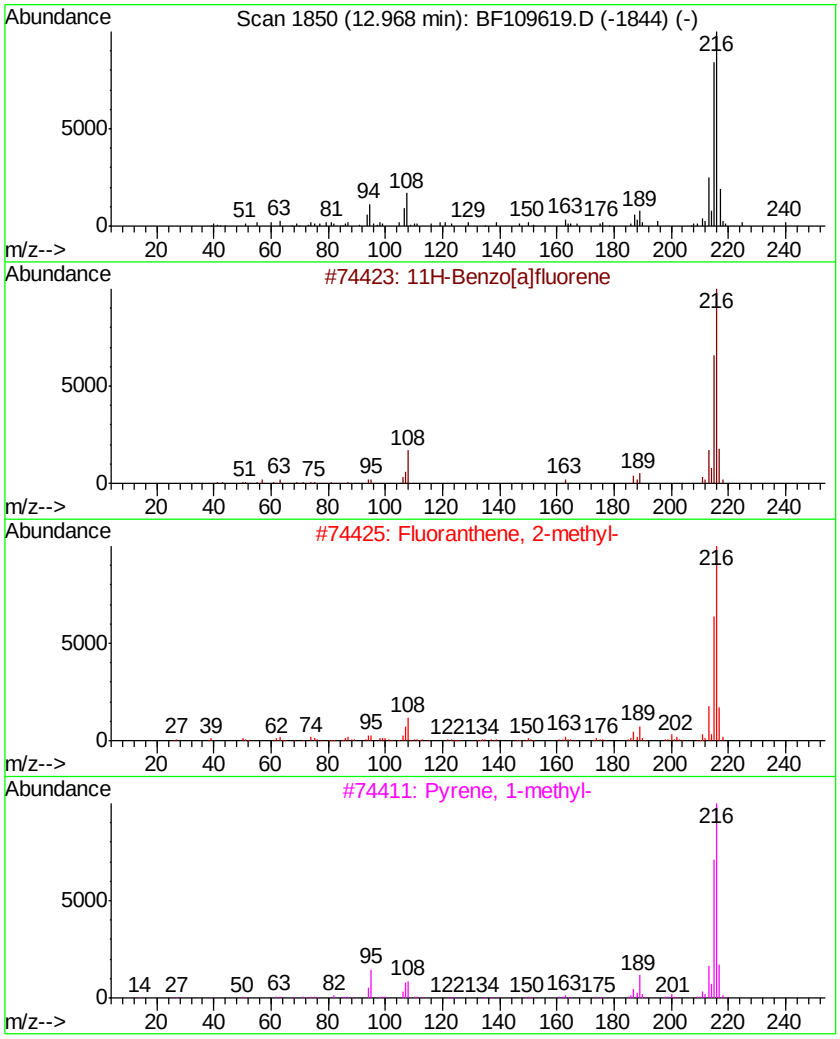
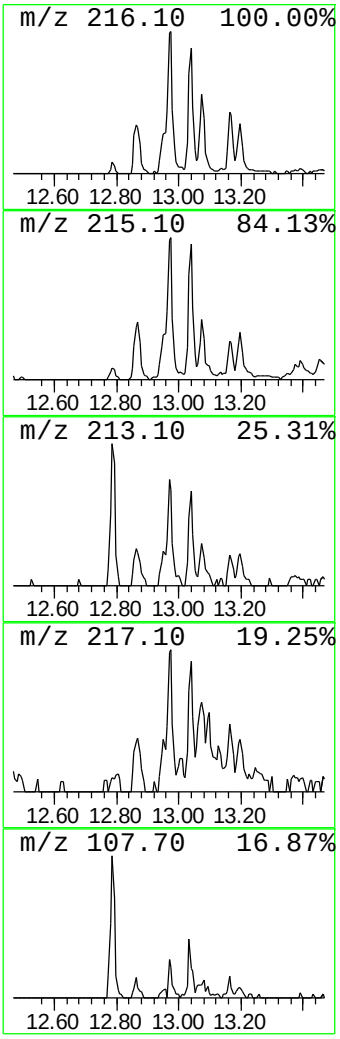
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.55 ng	114110	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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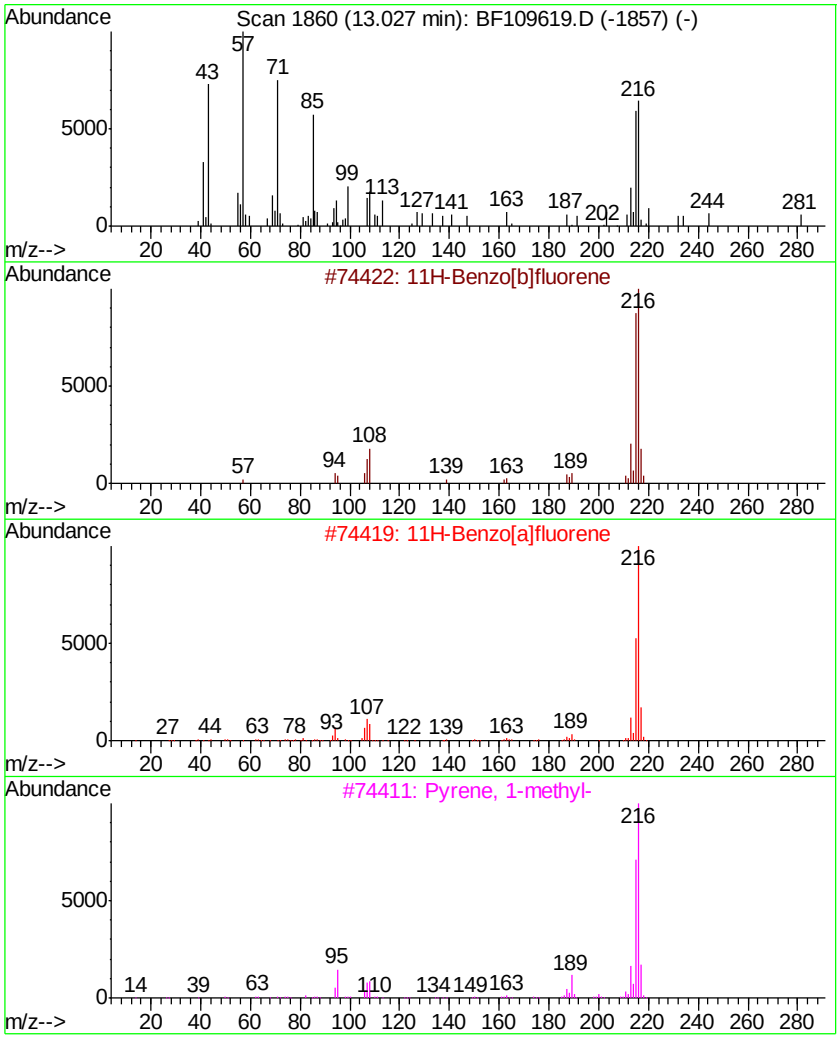
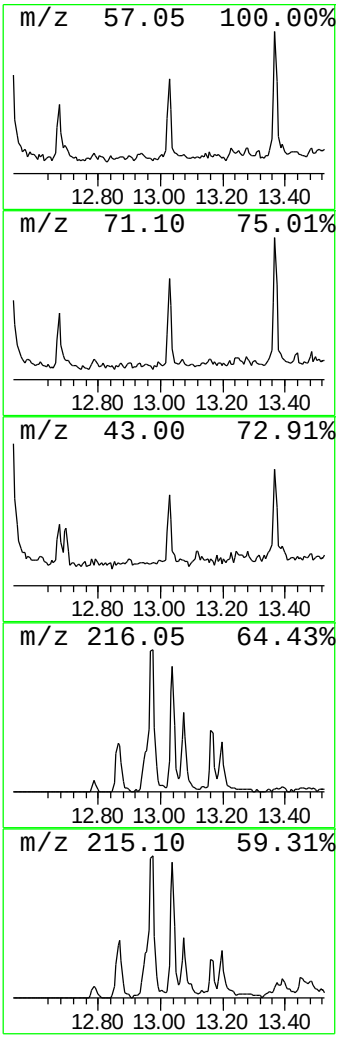
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.02 ng	90115	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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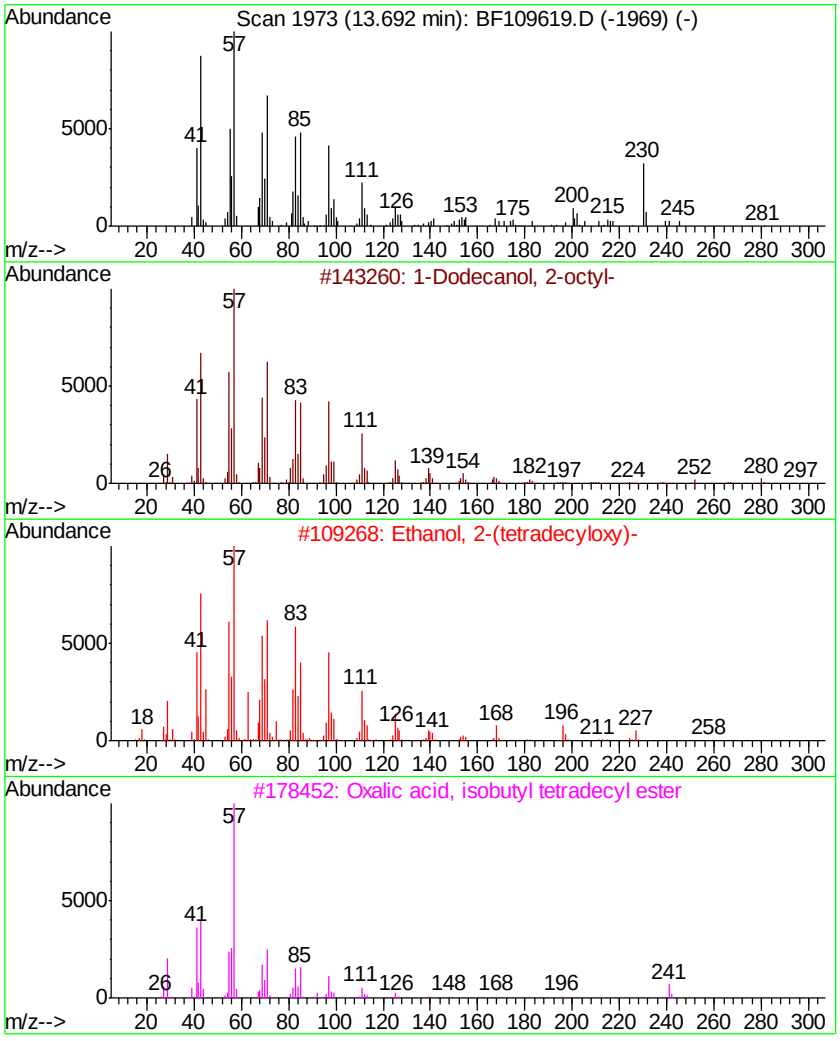
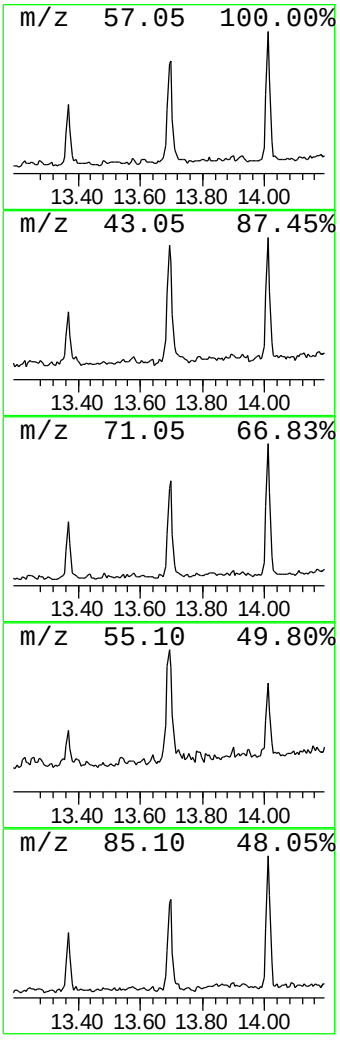
Peak Number 12 1-Dodecanol, 2-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	4.19 ng	187299	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	83
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	74
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	72
4	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	72
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	70





Library Search Compound Report

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Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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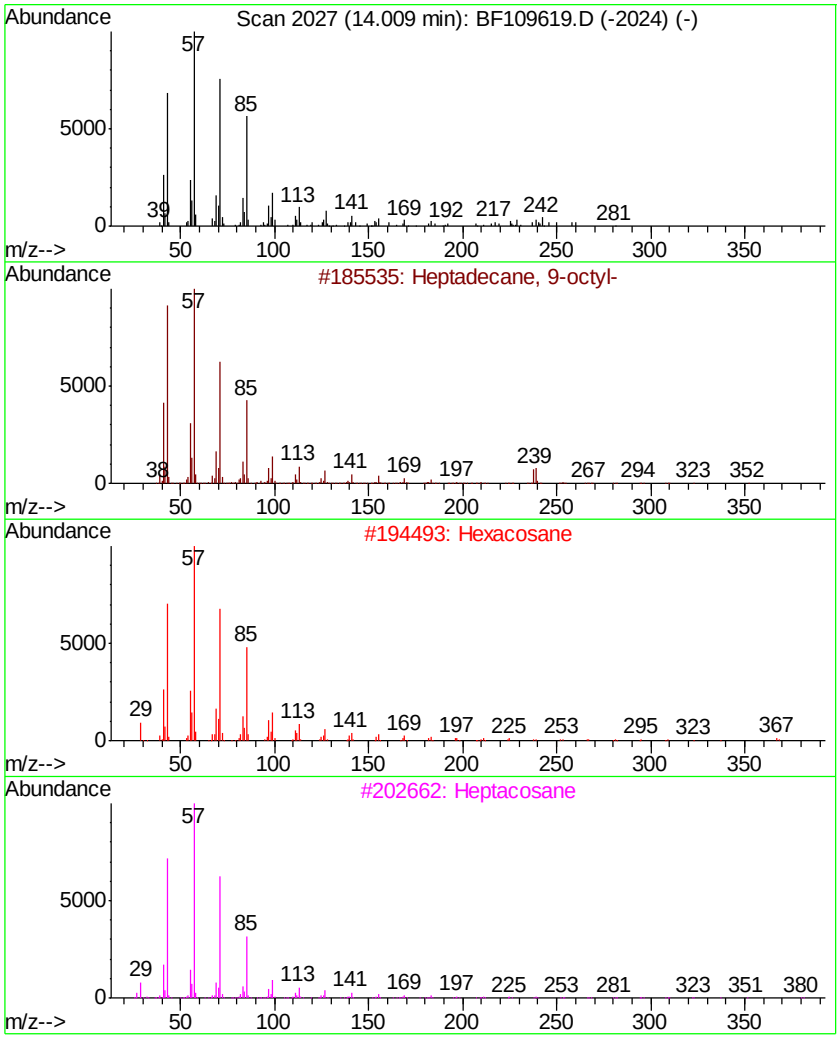
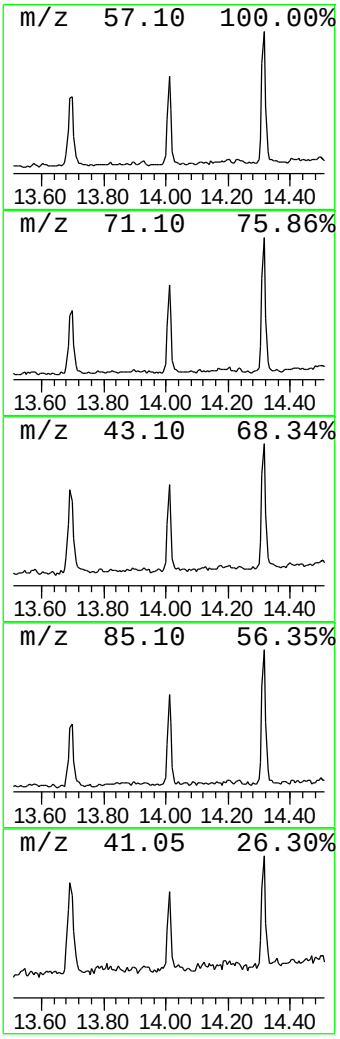
Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.15 ng	96022	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





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Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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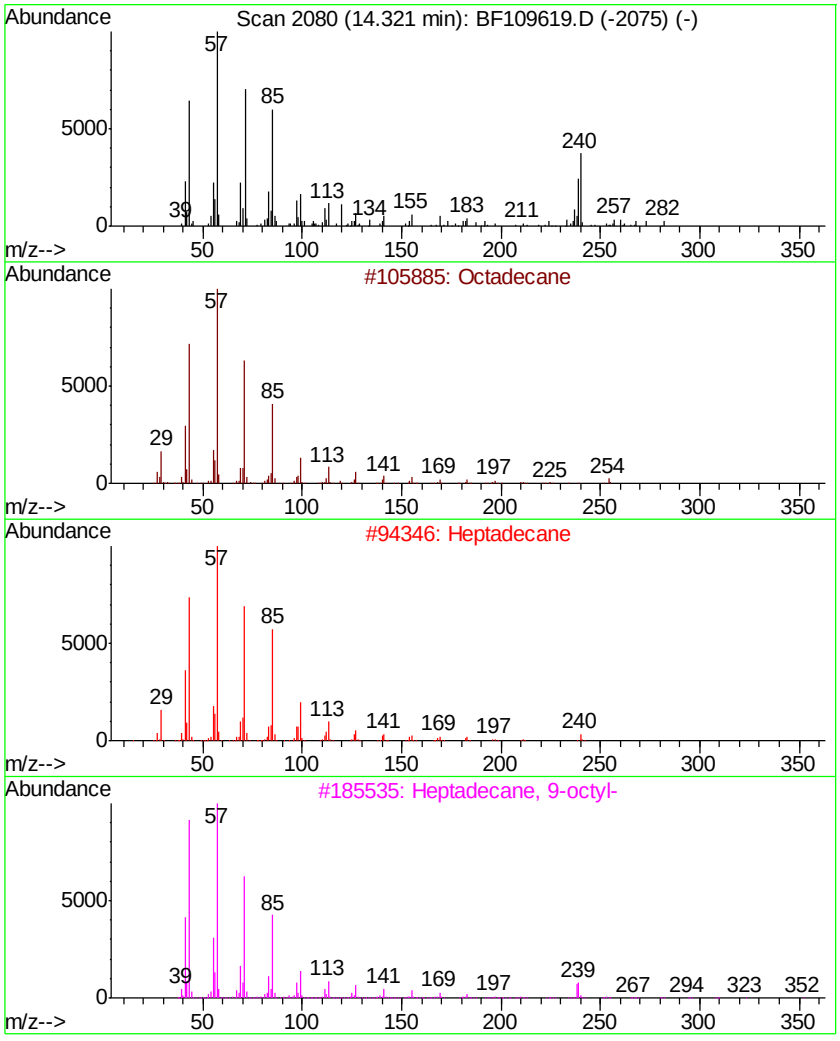
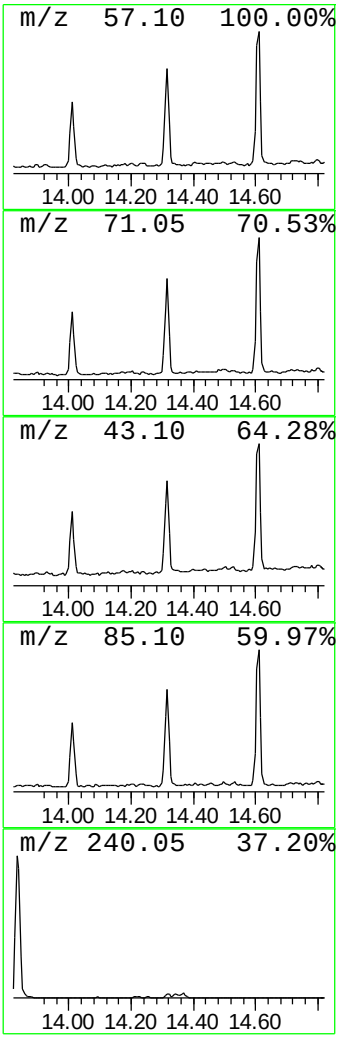
Peak Number 14 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	3.44 ng	153718	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





Library Search Compound Report

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Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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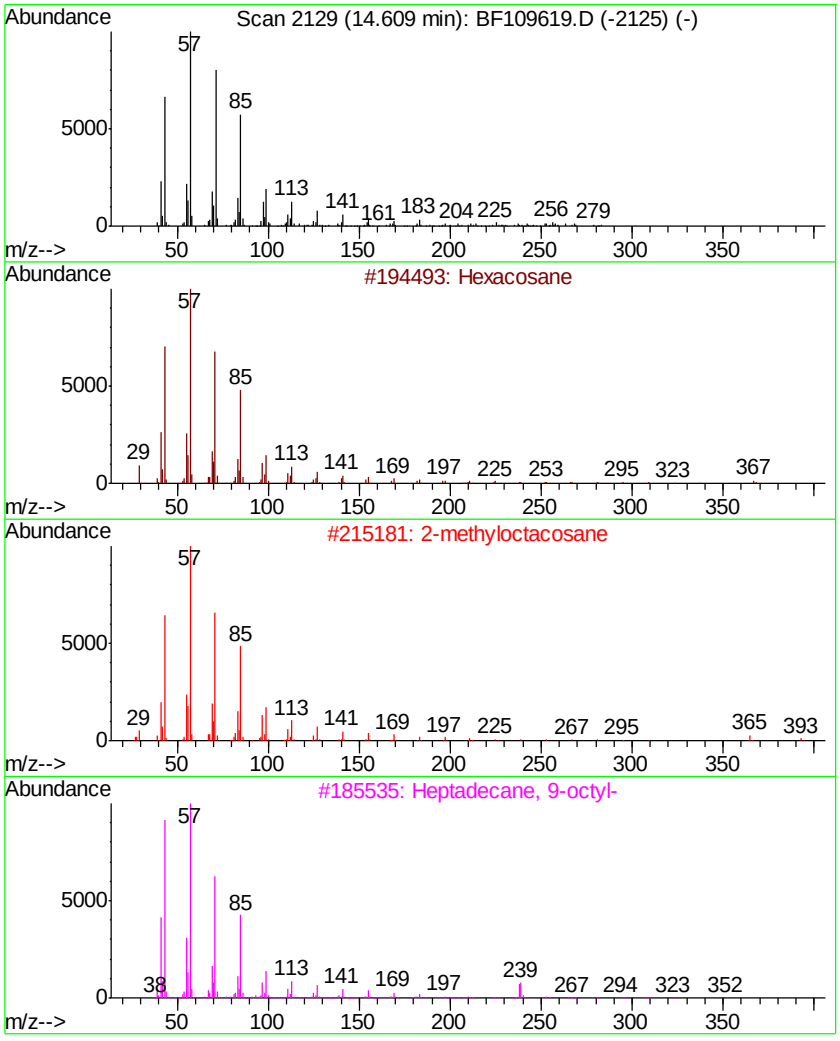
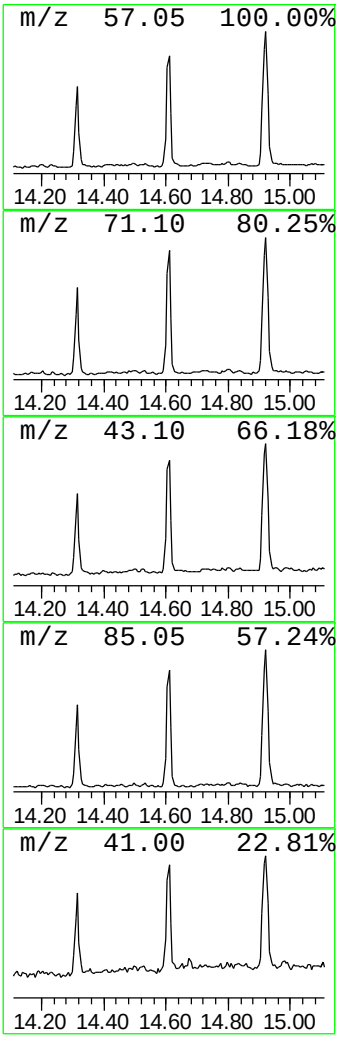
Peak Number 15 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	7.98 ng	243025	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	91





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Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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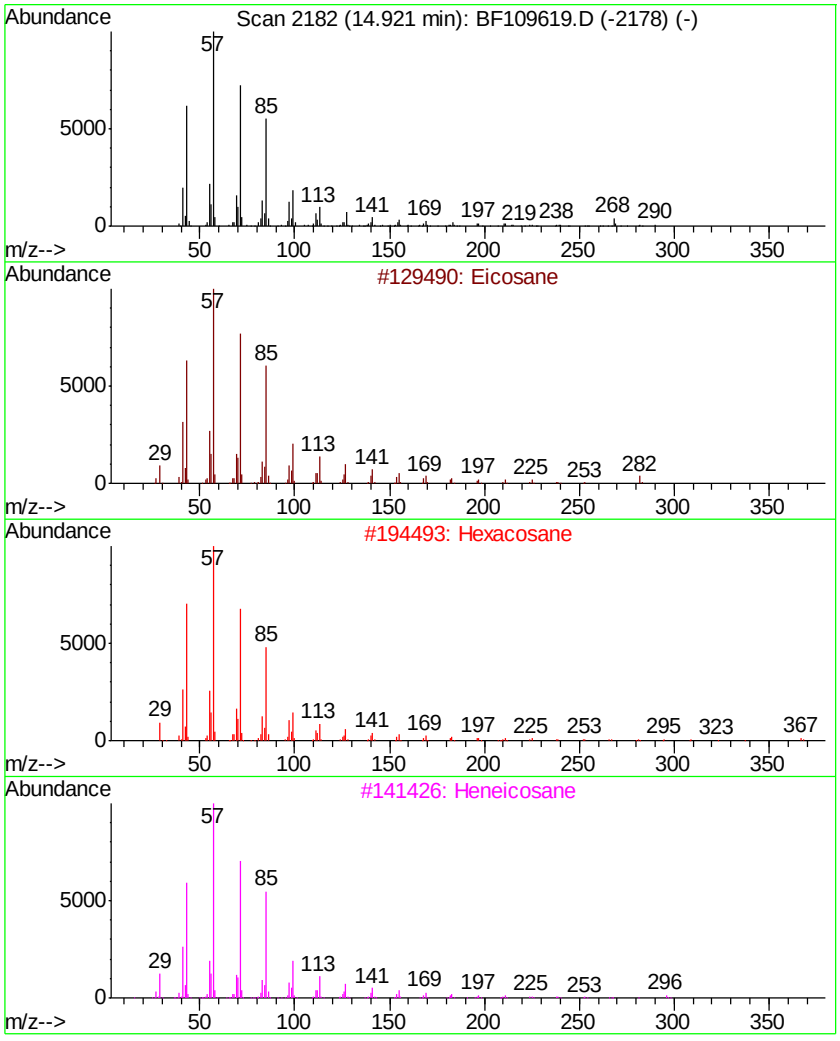
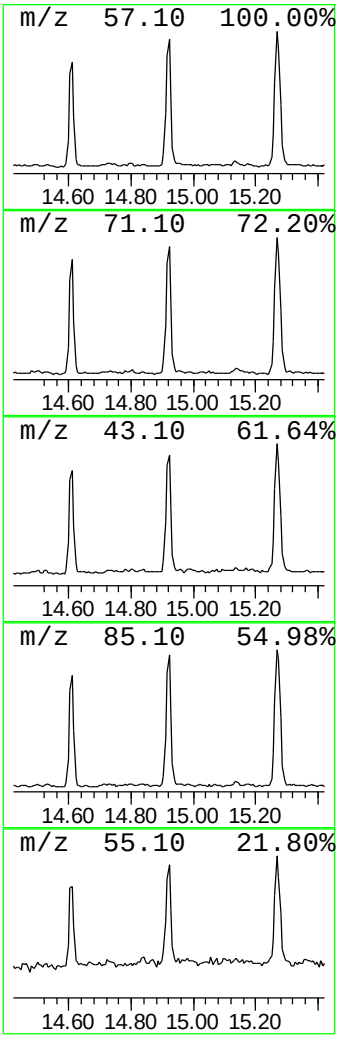
Peak Number 16 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	10.95 ng	333685	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86





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Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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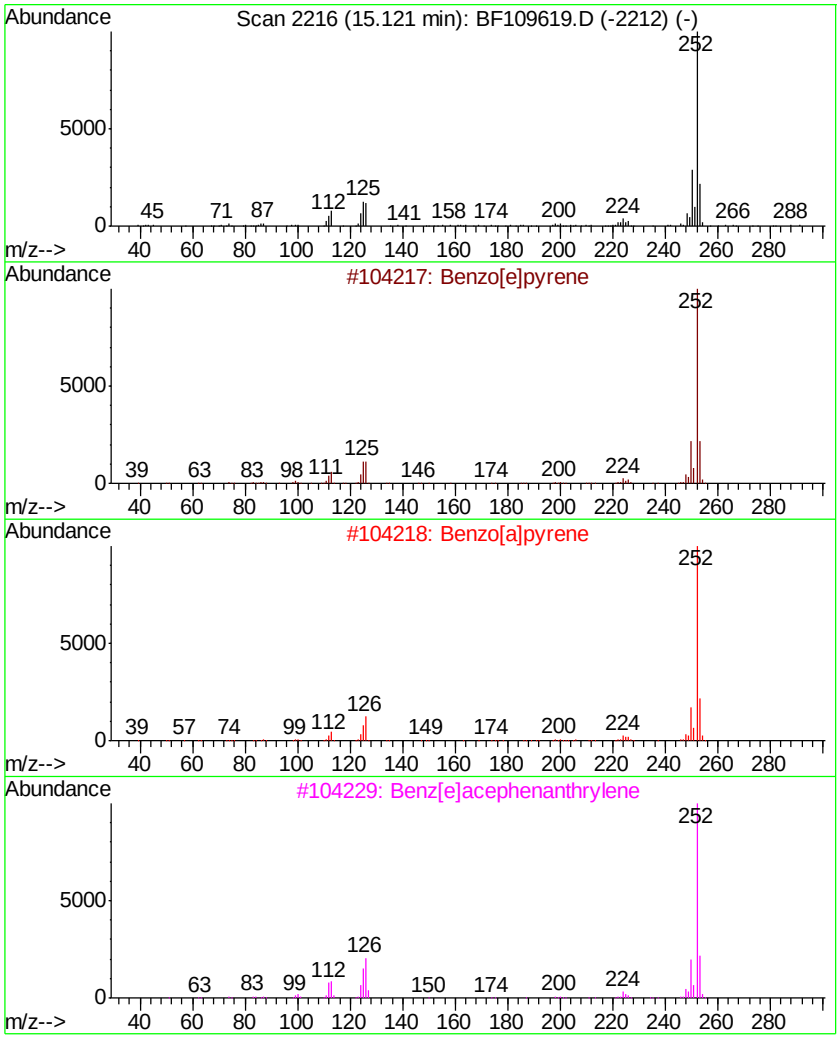
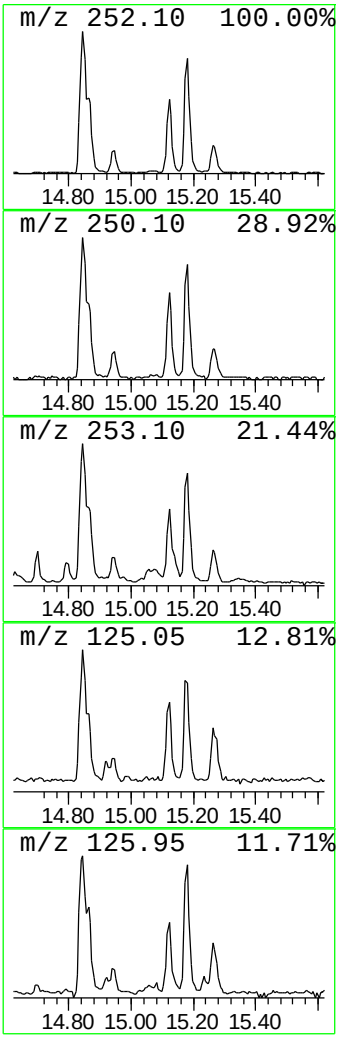
Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	5.77 ng	175954	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109619.D
Acq On : 5 Oct 2018 20:07
Operator : JU/SJ
Sample : J5205-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-100418

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
2-Pentanone, 4-hy...	4.90	2.3	ng	64424	1	6.70	571490	20.0
unknown6.47	6.47	65.4	ng	1868740	1	6.70	571490	20.0
Hexadecanoic acid...	11.61	4.6	ng	164217	4	11.21	711365	20.0
n-Hexadecanoic acid	11.75	6.6	ng	235246	4	11.21	711365	20.0
4H-Cyclopenta[def...	11.82	2.6	ng	92134	4	11.21	711365	20.0
9,12-Octadecadien...	12.29	4.4	ng	157018	4	11.21	711365	20.0
15-Octadecenoic a...	12.32	14.1	ng	500085	4	11.21	711365	20.0
Octadecanoic acid	12.53	2.4	ng	106209	5	13.83	893999	20.0
11H-Benzo[a]fluorene	12.97	2.5	ng	114110	5	13.83	893999	20.0
11H-Benzo[b]fluorene	13.03	2.0	ng	90115	5	13.83	893999	20.0
1-Dodecanol, 2-oc...	13.69	4.2	ng	187299	5	13.83	893999	20.0
Heptadecane, 9-oc...	14.01	2.1	ng	96022	5	13.83	893999	20.0
Octadecane	14.32	3.4	ng	153718	5	13.83	893999	20.0
Hexacosane	14.61	8.0	ng	243025	6	15.24	609417	20.0
Eicosane	14.92	10.9	ng	333685	6	15.24	609417	20.0
Benzo[e]pyrene	15.12	5.8	ng	175954	6	15.24	609417	20.0