LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	4.740	464	468	480	rBV	227170	341033	14.43%	1.384%
2	5.181	538	543	546	rBV	2205912	2269511	96.01%	9.208%
3	6.228	715	721	736	rBV	2211404	2347016	99.28%	9.523%
4	6.340	736	740	743	rBV	2321522	2280159	96.46%	9.251%
5	6.569	775	779	782	rBV	721950	614281	25.99%	2.492%
6	6.722	801	805	809	rBV	1770287	1752153	74.12%	7.109%
7	7.134	870	875	878	rBV	1466104	1475106	62.40%	5.985%
8	7.263	893	897	900	rVB	26668	26282	1.11%	0.107%
9	7.851	992	997	1000	rBV	1141740	962884	40.73%	3.907%
10	8.928	1175	1180	1184	rBV	2270757	2363930	100.00%	9.591%
11	9.028	1193	1197	1202	rVB	26440	28128	1.19%	0.114%
12	9.328	1243	1248	1251	rBV	406680	383759	16.23%	1.557%
13	9.551	1283	1286	1289	rVB	48449	38470	1.63%	0.156%
14	9.598	1289	1294	1298	rBV	952737	862248	36.48%	3.498%
15	10.022	1360	1366	1368	rBV3	21147	28825	1.22%	0.117%
16	10.051	1368	1371	1374	rVB	86944	73811	3.12%	0.299%
17	10.269	1403	1408	1411	rBV2	43460	60559	2.56%	0.246%
18	10.386	1423	1428	1431	rBV	1407813	1348868	57.06%	5.473%
19	10.522	1448	1451	1458	rVB2	150933	169925	7.19%	0.689%
20	10.580	1458	1461	1463	rBV	30102	28869	1.22%	0.117%
21	10.610	1463	1466	1469	rBV2	38745	41389	1.75%	0.168%
22	10.645	1469	1472	1474	rBV2	32021	28958	1.22%	0.117%
23	10.751	1487	1490	1494	rBV3	26810	31785	1.34%	0.129%
24	10.833	1502	1504	1510	rVB4	21827	31070	1.31%	0.126%
25	10.969	1523	1527	1530	rBV	109528	98673	4.17%	0.400%
26	11.033	1535	1538	1541	rVV	149034	131065	5.54%	0.532%
27	11.075	1541	1545	1547	rVV	929335	798466	33.78%	3.240%
28	11.098	1547	1549	1552	rVB	54880	48329	2.04%	0.196%
29	11.145	1552	1557	1561	rVB2	33746	38439	1.63%	0.156%
30	11.192	1561	1565	1567	rBV	86892	73088	3.09%	0.297%
31	11.298	1580	1583	1588	rVB2	27827	33566	1.42%	0.136%
32	11.392	1596	1599	1606	rVB	56683	54322	2.30%	0.220%
33	11.492	1612	1616	1619	rVB	348686	309666	13.10%	1.256%
34	11.627	1636	1639	1641	rBV	80045	66652	2.82%	0.270%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

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:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.798	1665	1668	1672	rVB	36119	31827	1.35%	0.129%
36	12.169	1727	1731	1733	rBV	847283	778963	32.95%	3.161%
37	12.192	1733	1735	1742	rVB	918987	841111	35.58%	3.413%
38	12.280	1746	1750	1753	rBV	316331	267382	11.31%	1.085%
39	12.504	1783	1788	1792	rBV	136119	137614	5.82%	0.558%
40	12.551	1792	1796	1803	rVB3	34859	59322	2.51%	0.241%
41	12.663	1810	1815	1818	rBV	1508332	1534635	64.92%	6.227%
42	12.833	1839	1844	1847	rBV4	29253	31200	1.32%	0.127%
43	12.910	1854	1857	1860	rBV3	21681	26155	1.11%	0.106%
44	13.427	1940	1945	1947	rBV6	14675	27647	1.17%	0.112%
45	13.568	1964	1969	1974	rBV3	118742	147514	6.24%	0.599%
46	13.698	1987	1991	1994	rBV	614320	625963	26.48%	2.540%
47	13.721	1994	1995	1999	rVB2	71225	55038	2.33%	0.223%
48	14.198	2074	2076	2080	rBV2	33737	37710	1.60%	0.153%
49	14.698	2158	2161	2163	rBV	87350	108067	4.57%	0.438%
50	14.957	2203	2205	2210	rVB	62015	64887	2.74%	0.263%
51	15.010	2211	2214	2220	rBV	70151	96369	4.08%	0.391%
52	15.068	2220	2224	2230	rVV	461157	534133	22.60%	2.167%

Sum of corrected areas: 24646822

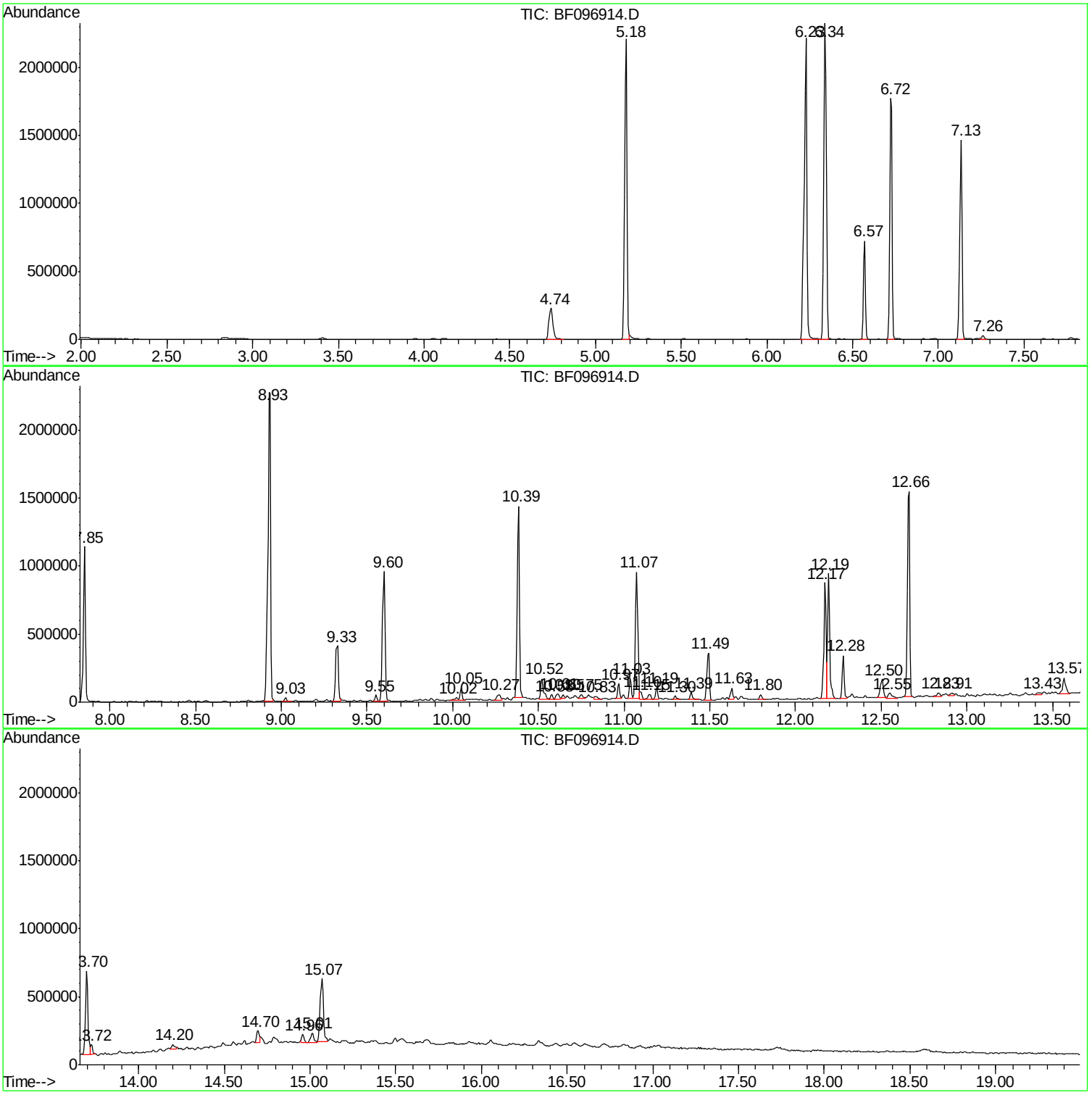
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

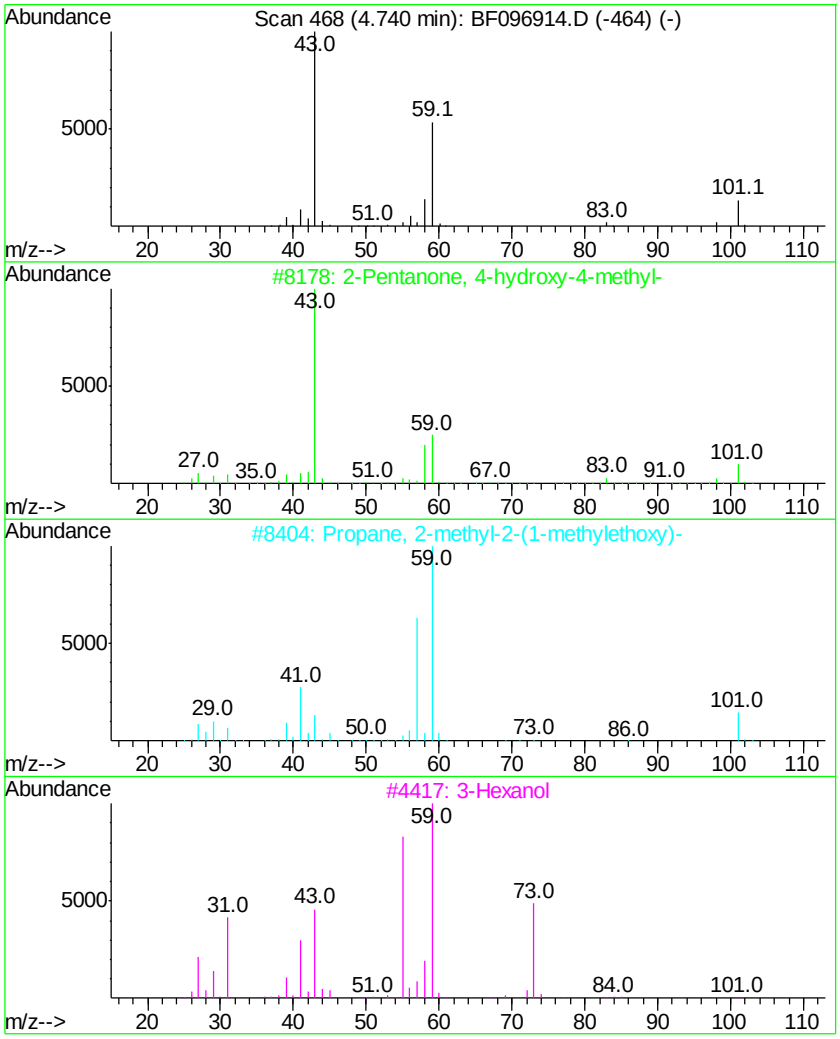
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

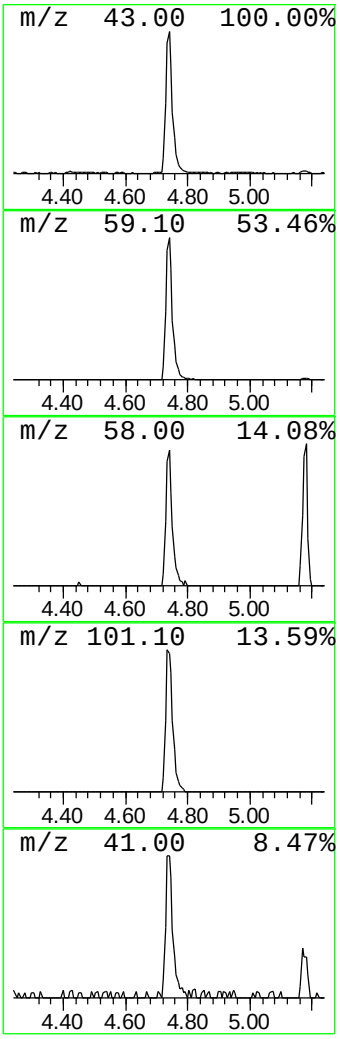
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	11.10 ng	341033	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

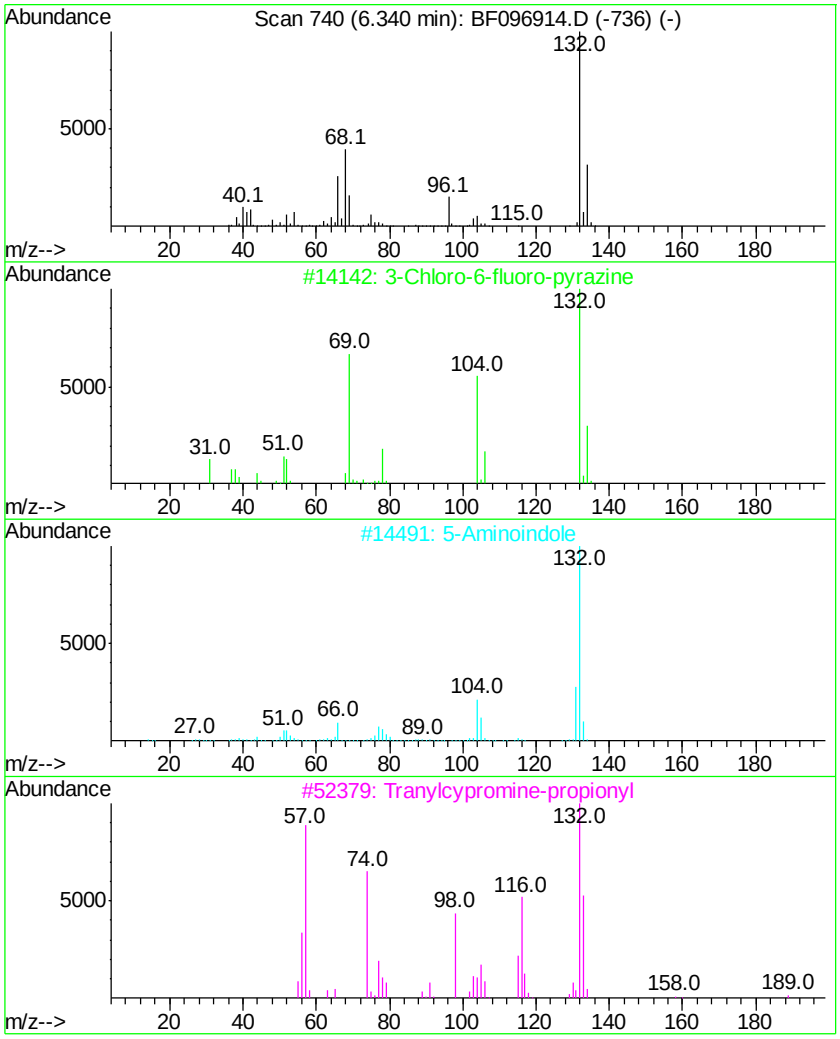
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

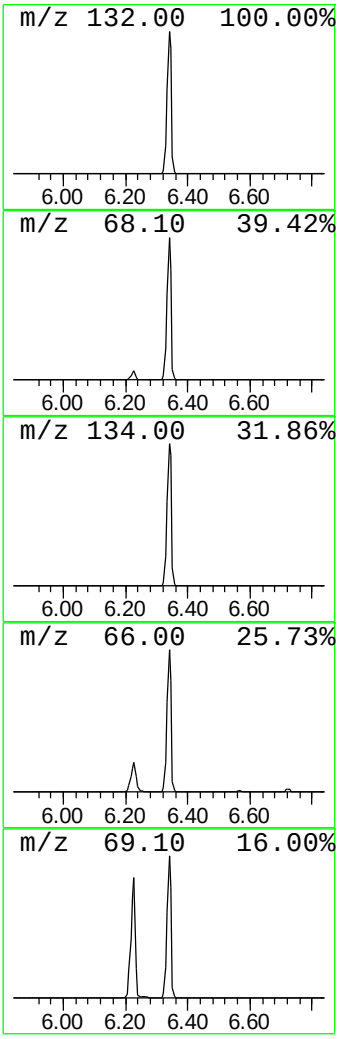
****

Peak Number 2 unknown6.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	74.24 ng	2280160	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

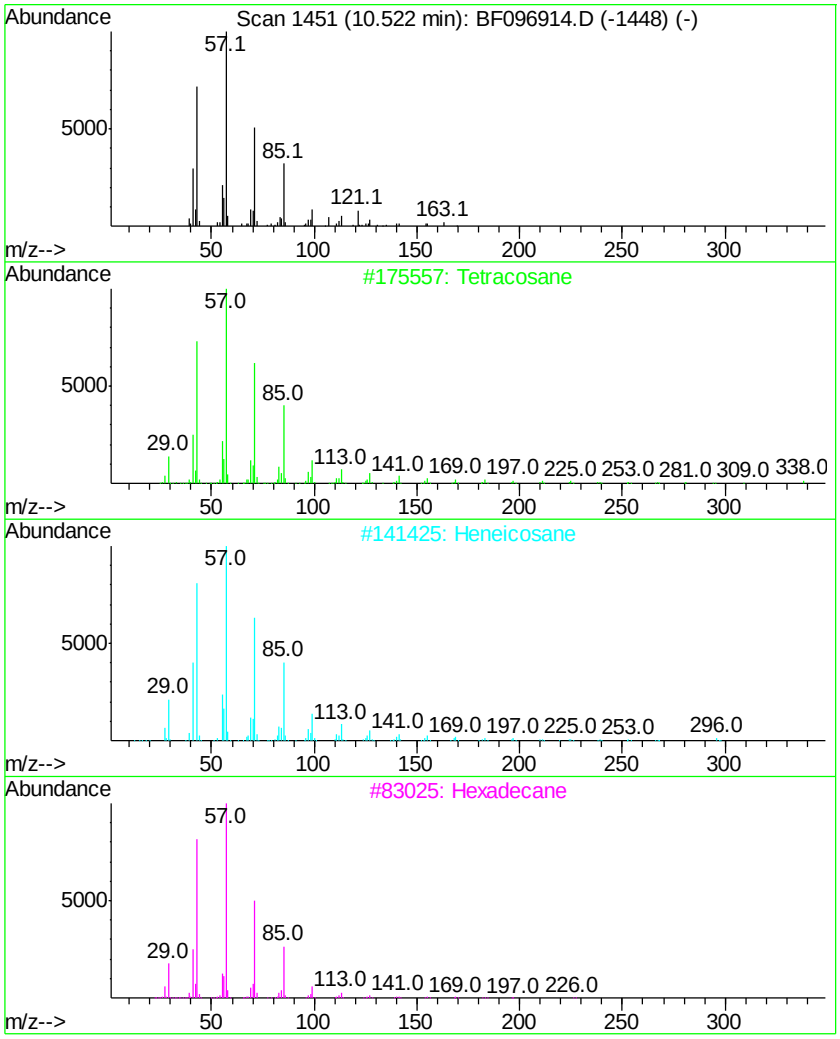
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

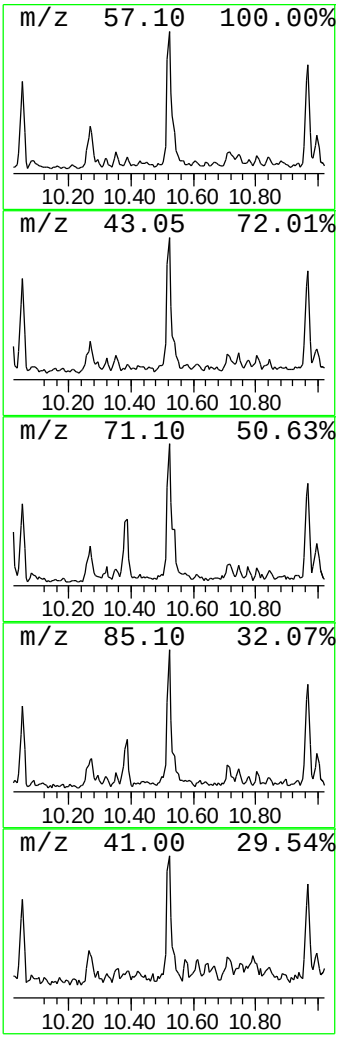
****

Peak Number 4 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.26 ng	169925	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Heneicosane	296	C21H44	000629-94-7	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tridecane	184	C13H28	000629-50-5	80
5	Pentadecane	212	C15H32	000629-62-9	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

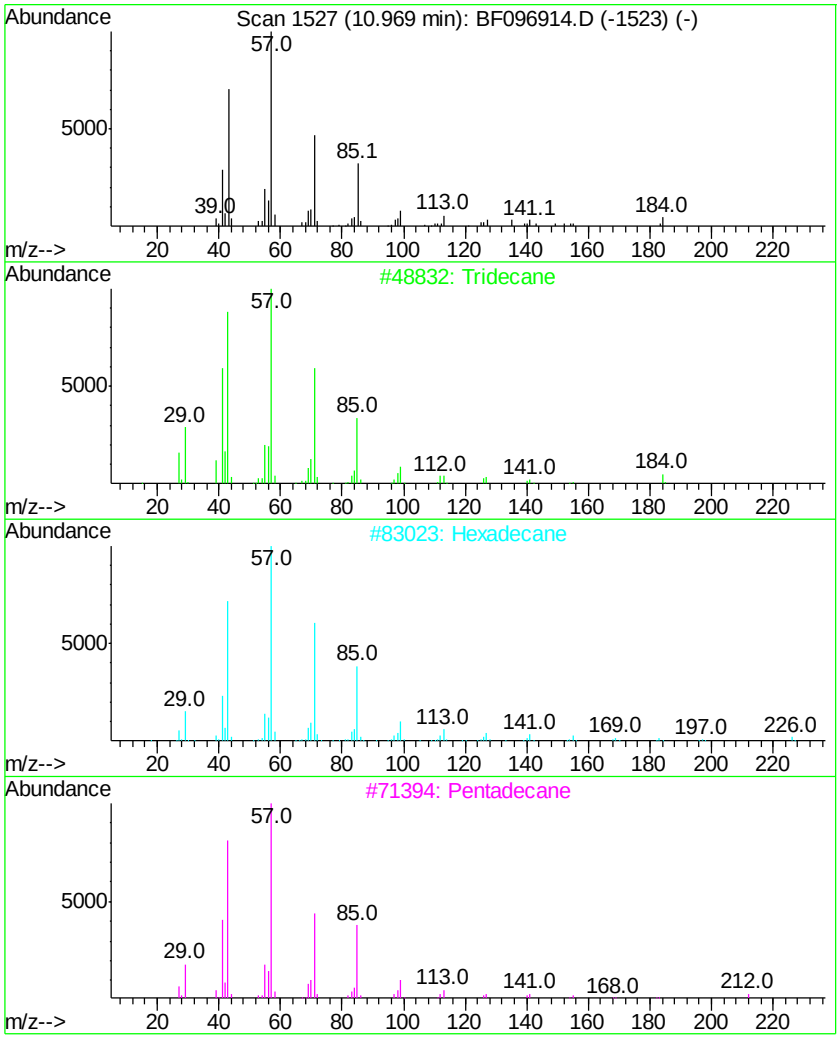
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

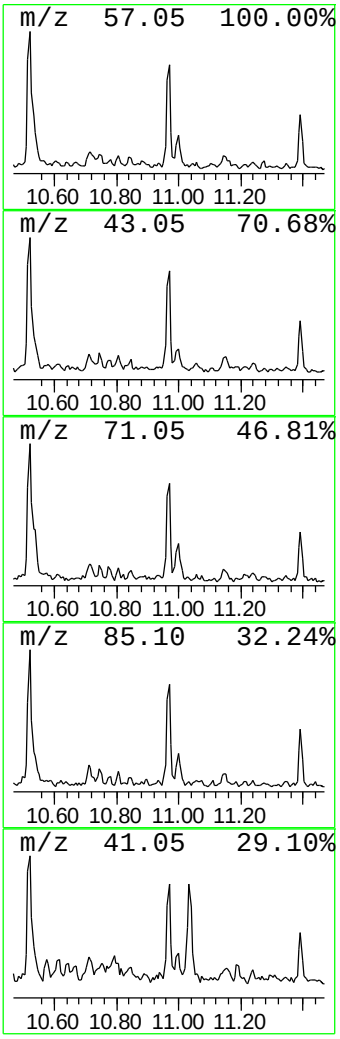
****

Peak Number 5 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.47 ng	98673	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

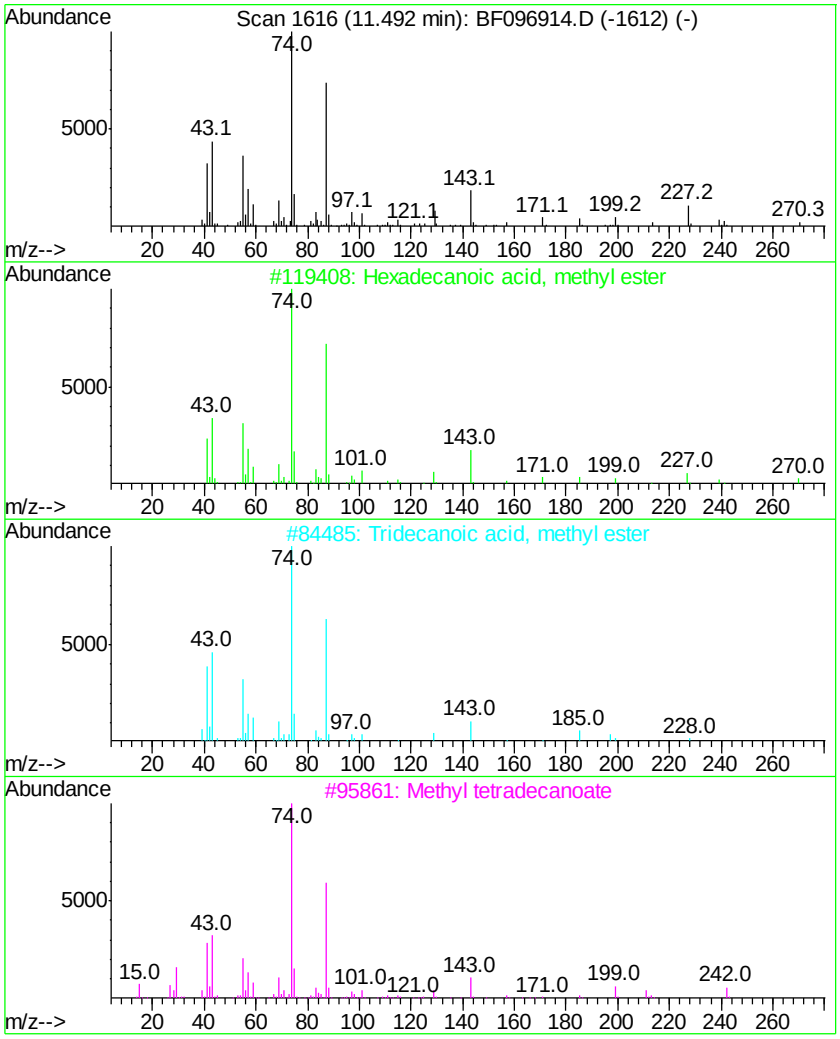
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

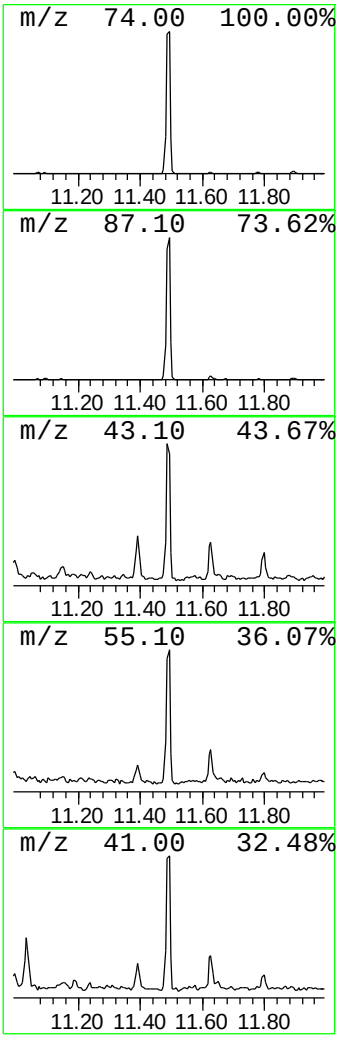
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	7.76 ng	309666	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

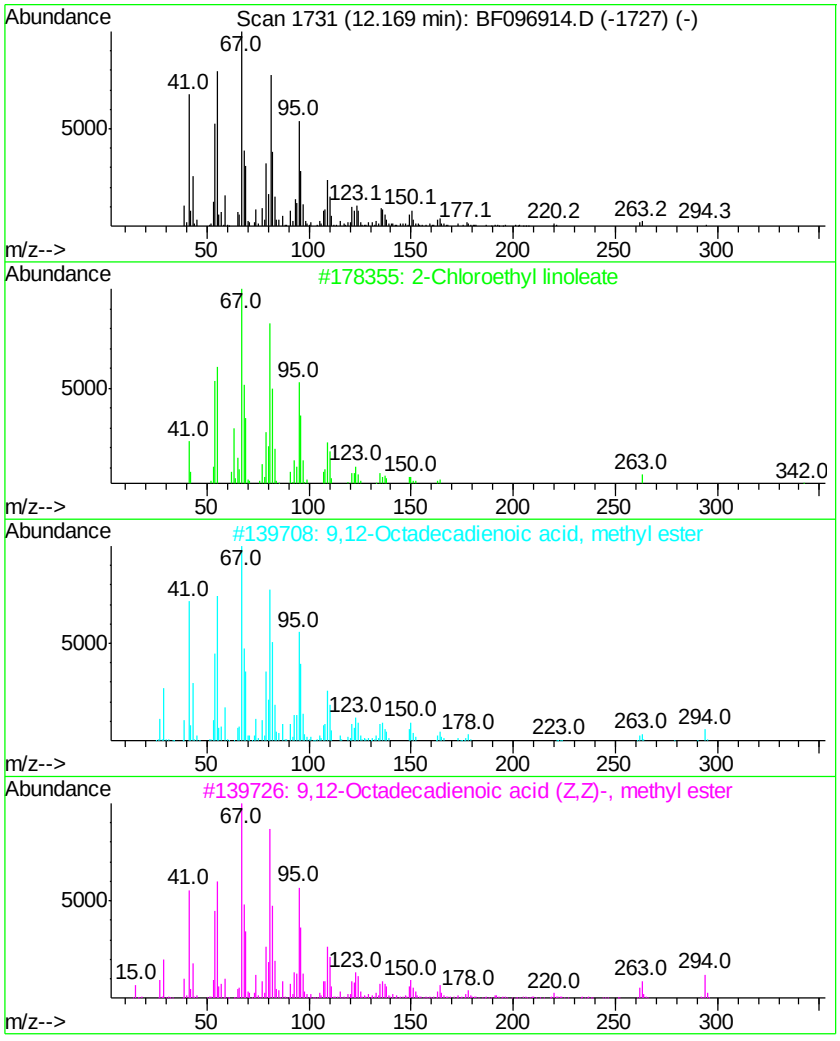
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

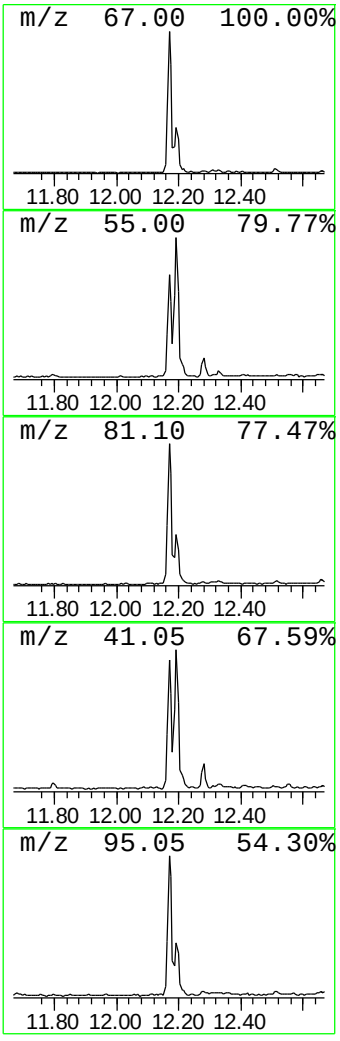
****

Peak Number 7 2-Chloroethyl linoleate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	19.51 ng	778963	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	94
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	93
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	91
4	1-Tridecyne	180	C13H24	026186-02-7	91
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

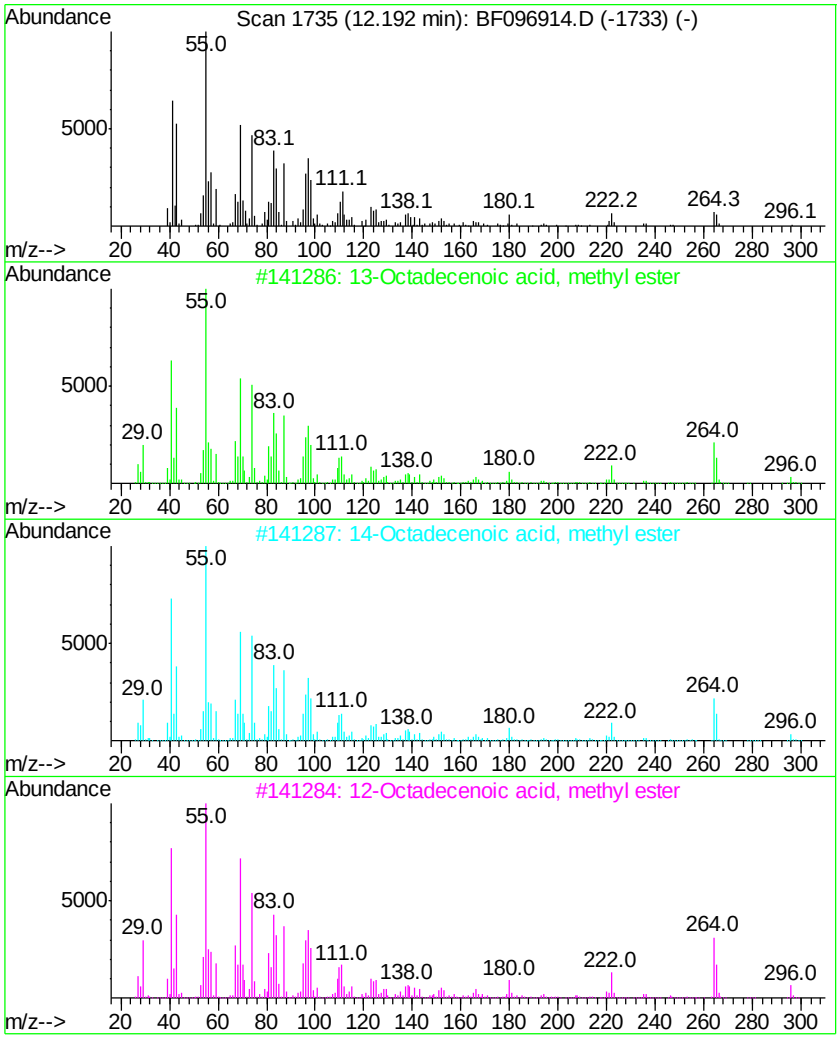
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

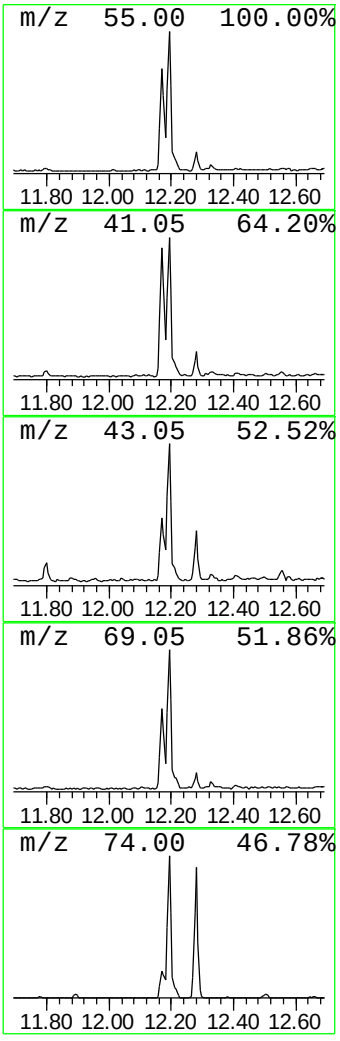
****

Peak Number 8 13-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	21.07 ng	841111	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

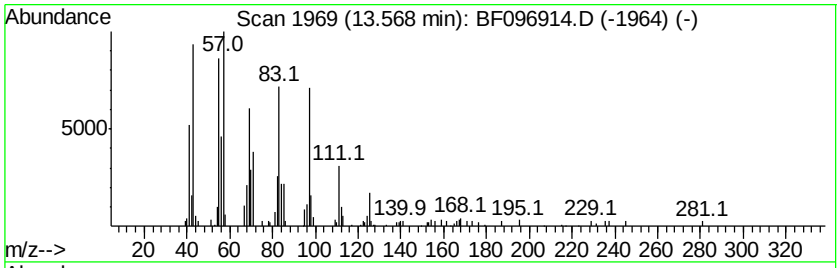
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

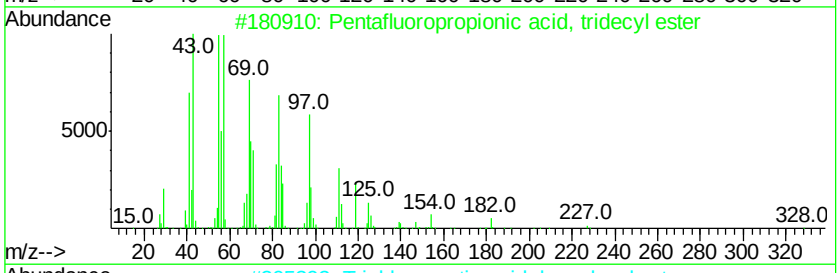
****

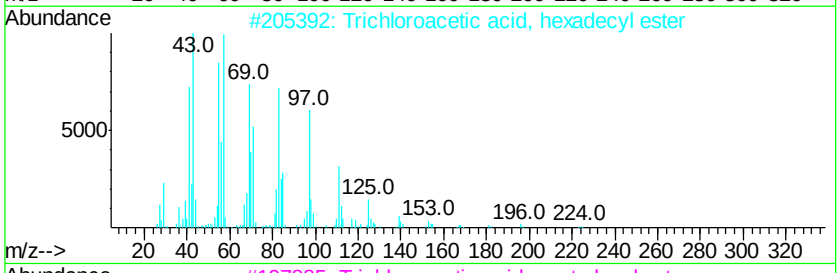
Peak Number 9 Pentafluoropropionic acid, ... Concentration Rank 7

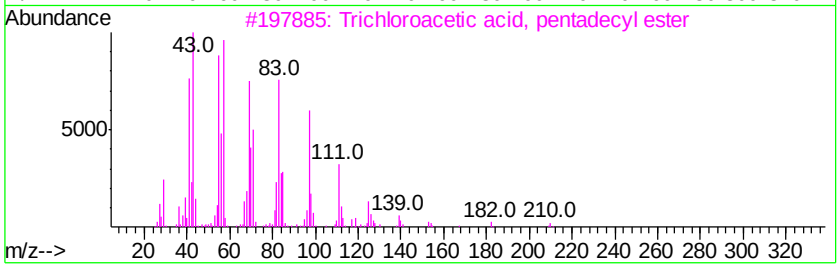
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	4.71 ng	147514	Chrysene-d12	13.70

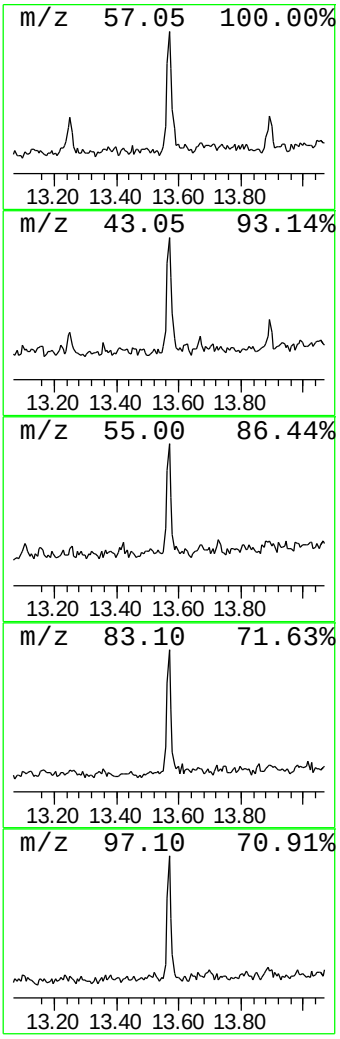
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90











Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

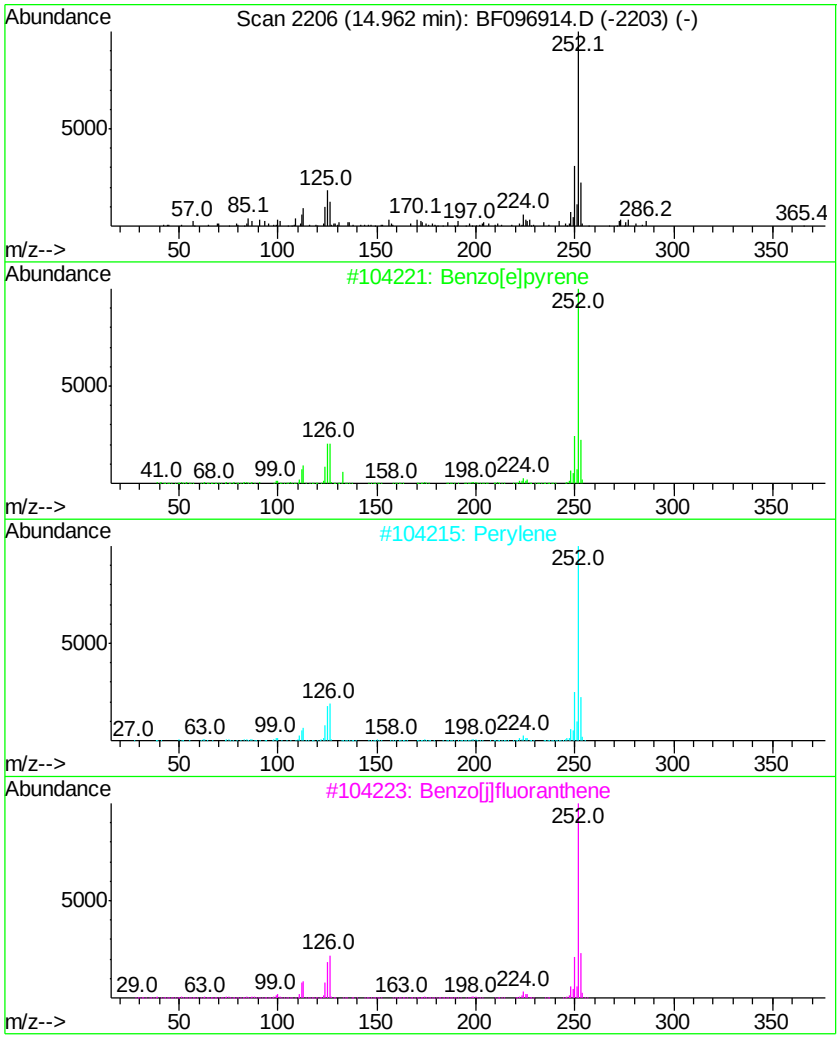
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

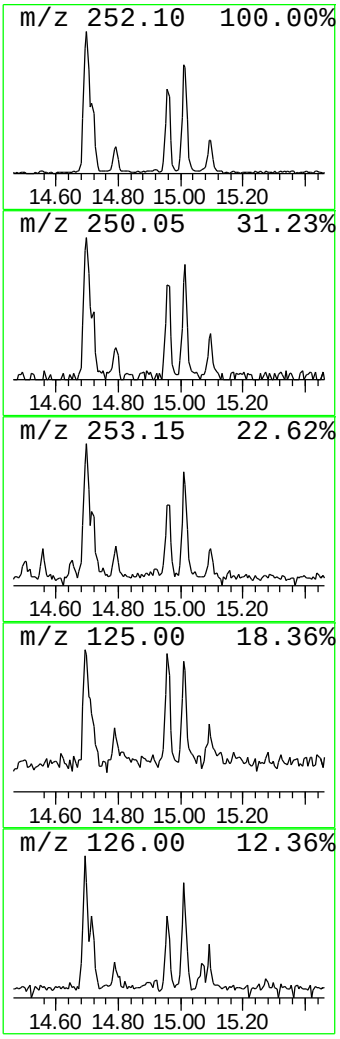
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.43 ng	64887	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\
Data File : BF096914.D
Acq On : 20 Jul 2017 19:12
Operator : SJ/JU
Sample : I4308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-08-071917

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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...	4.74	11.1	ng	341033	1	6.57	614281	20.0
unknown6.34	6.34	74.2	ng	2280160	1	6.57	614281	20.0
Tetracosane	10.52	4.3	ng	169925	4	11.07	798466	20.0
Tridecane	10.97	2.5	ng	98673	4	11.07	798466	20.0
Hexadecanoic acid...	11.49	7.8	ng	309666	4	11.07	798466	20.0
2-Chloroethyl lin...	12.17	19.5	ng	778963	4	11.07	798466	20.0
13-Octadecenoic a...	12.19	21.1	ng	841111	4	11.07	798466	20.0
Pentafluoropropio...	13.57	4.7	ng	147514	5	13.70	625963	20.0
Benzo[e]pyrene	14.96	2.4	ng	64887	6	15.07	534133	20.0