LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

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-BF070117.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	3.057	164	165	176	rBV5	15737	39948	1.57%	0.150%
2	4.898	473	478	486	rBV	262017	348504	13.71%	1.310%
3	5.322	545	550	554	rBV	2337290	2487589	97.84%	9.348%
4	6.351	720	725	735	rVB	2454768	2542416	100.00%	9.554%
5	6.481	743	747	751	rBV	2528333	2458045	96.68%	9.237%
6	6.710	783	786	790	rBV	845329	704783	27.72%	2.648%
7	6.869	809	813	816	rBV	2129524	1851744	72.83%	6.959%
8	7.275	876	882	885	rBV	1596822	1540445	60.59%	5.789%
9	7.992	1000	1004	1007	rBV	1099943	972509	38.25%	3.655%
10	8.016	1007	1008	1010	rVB	80281	39251	1.54%	0.148%
11	8.710	1122	1126	1129	rBV	61329	51275	2.02%	0.193%
12	8.804	1138	1142	1146	rVB	49346	42106	1.66%	0.158%
13	9.075	1183	1188	1191	rBV	2889625	2539327	99.88%	9.542%
14	9.410	1240	1245	1247	rBV	37850	37087	1.46%	0.139%
15	9.463	1251	1254	1258	rBV	407719	338232	13.30%	1.271%
16	9.604	1275	1278	1282	rBV	33594	29854	1.17%	0.112%
17	9.745	1297	1302	1306	rBV	1002358	980875	38.58%	3.686%
18	9.780	1306	1308	1311	rVB	64571	52048	2.05%	0.196%
19	9.951	1334	1337	1341	rVB	62329	55246	2.17%	0.208%
20	10.192	1376	1378	1381	rVB2	61859	50137	1.97%	0.188%
21	10.292	1392	1395	1400	rVB	76703	65176	2.56%	0.245%
22	10.410	1411	1415	1419	rBV2	24053	32674	1.29%	0.123%
23	10.533	1432	1436	1441	rBV	1315918	1178151	46.34%	4.427%
24	10.663	1455	1458	1465	rBV	76580	90340	3.55%	0.339%
25	11.116	1531	1535	1538	rBV3	52491	62995	2.48%	0.237%
26	11.227	1550	1554	1556	rBV	955240	828129	32.57%	3.112%
27	11.251	1556	1558	1561	rVV	450884	335748	13.21%	1.262%
28	11.298	1562	1566	1570	rVB	100673	100212	3.94%	0.377%
29	11.457	1590	1593	1597	rBV2	33562	49605	1.95%	0.186%
30	11.557	1608	1610	1613	rVB	30460	29014	1.14%	0.109%
31	11.639	1619	1624	1629	rVB3	30197	39774	1.56%	0.149%
32	11.733	1636	1640	1642	rBV	70174	69427	2.73%	0.261%
33	11.757	1642	1644	1649	rVV	108998	111006	4.37%	0.417%
34	11.804	1649	1652	1655	rVV2	37520	34631	1.36%	0.130%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

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-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.839	1655	1658	1660	rVV	125699	124299	4.89%	0.467%
36	11.863	1660	1662	1667	rVB	61188	50829	2.00%	0.191%
37	12.027	1687	1690	1691	rBV	60884	58195	2.29%	0.219%
38	12.045	1691	1693	1701	rVB5	41429	47551	1.87%	0.179%
39	12.280	1730	1733	1736	rBV	68011	73238	2.88%	0.275%
40	12.316	1736	1739	1741	rVV4	48940	55876	2.20%	0.210%
41	12.339	1741	1743	1745	rVV2	58335	53616	2.11%	0.201%
42	12.363	1745	1747	1752	rVV4	44170	57185	2.25%	0.215%
43	12.439	1756	1760	1764	rVB	525687	468315	18.42%	1.760%
44	12.486	1766	1768	1773	rVV4	20844	34104	1.34%	0.128%
45	12.563	1778	1781	1790	rBV2	174637	223715	8.80%	0.841%
46	12.663	1793	1798	1801	rBV	469112	474839	18.68%	1.784%
47	12.816	1820	1824	1831	rVB	1930009	1866591	73.42%	7.014%
48	12.892	1834	1837	1839	rVV	42894	44587	1.75%	0.168%
49	12.968	1848	1850	1852	rBV3	33660	35270	1.39%	0.133%
50	12.998	1852	1855	1859	rVB2	81862	93341	3.67%	0.351%
51	13.063	1863	1866	1868	rVV	75130	66773	2.63%	0.251%
52	13.098	1869	1872	1875	rVB2	70459	73977	2.91%	0.278%
53	13.186	1885	1887	1890	rVB	52899	53638	2.11%	0.202%
54	13.221	1890	1893	1897	rBV2	60314	67245	2.64%	0.253%
55	13.610	1956	1959	1961	rBV2	48383	58975	2.32%	0.222%
56	13.721	1975	1978	1984	rVB	173300	229682	9.03%	0.863%
57	13.863	1997	2002	2004	rBV2	806935	916503	36.05%	3.444%
58	13.886	2004	2006	2013	rVB	223335	203339	8.00%	0.764%
59	14.874	2171	2174	2177	rBV	141346	197447	7.77%	0.742%
60	15.157	2219	2222	2227	rVB	117099	130402	5.13%	0.490%
61	15.215	2229	2232	2235	rVB	124405	126560	4.98%	0.476%
62	15.274	2238	2242	2246	rBV	456895	536318	21.09%	2.015%

Sum of corrected areas: 26610713

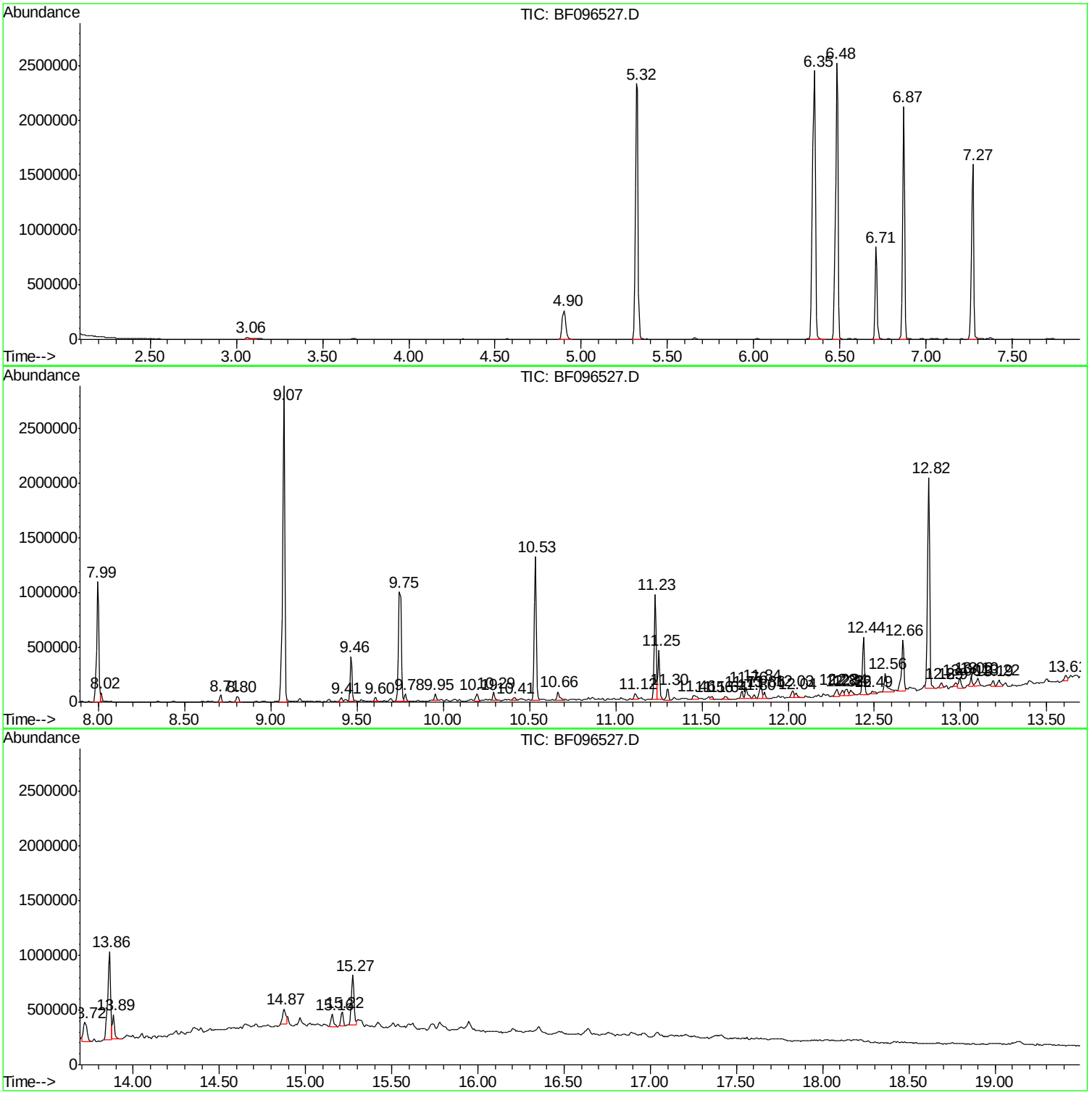
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

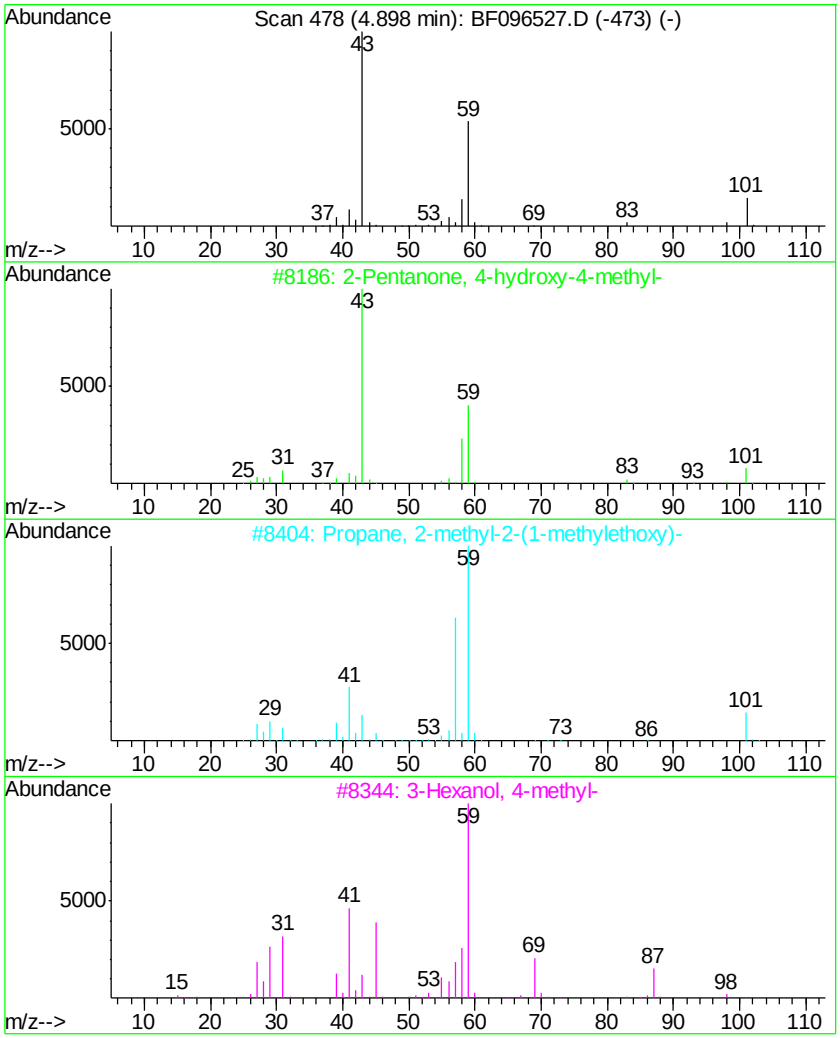
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

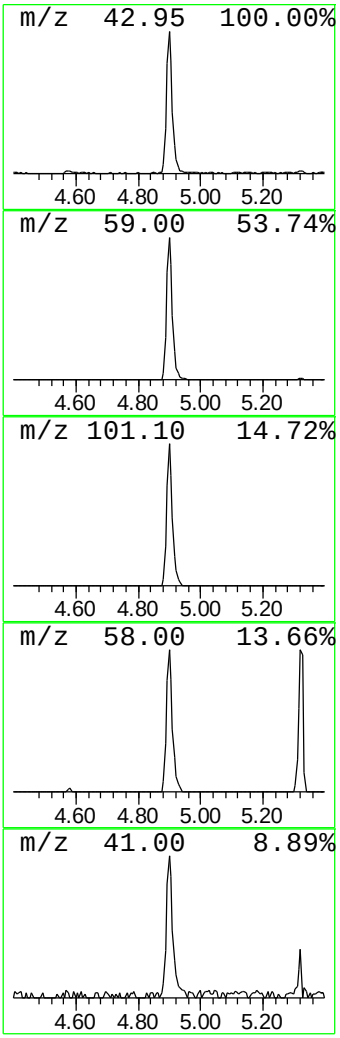
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	9.89 ng	348504	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

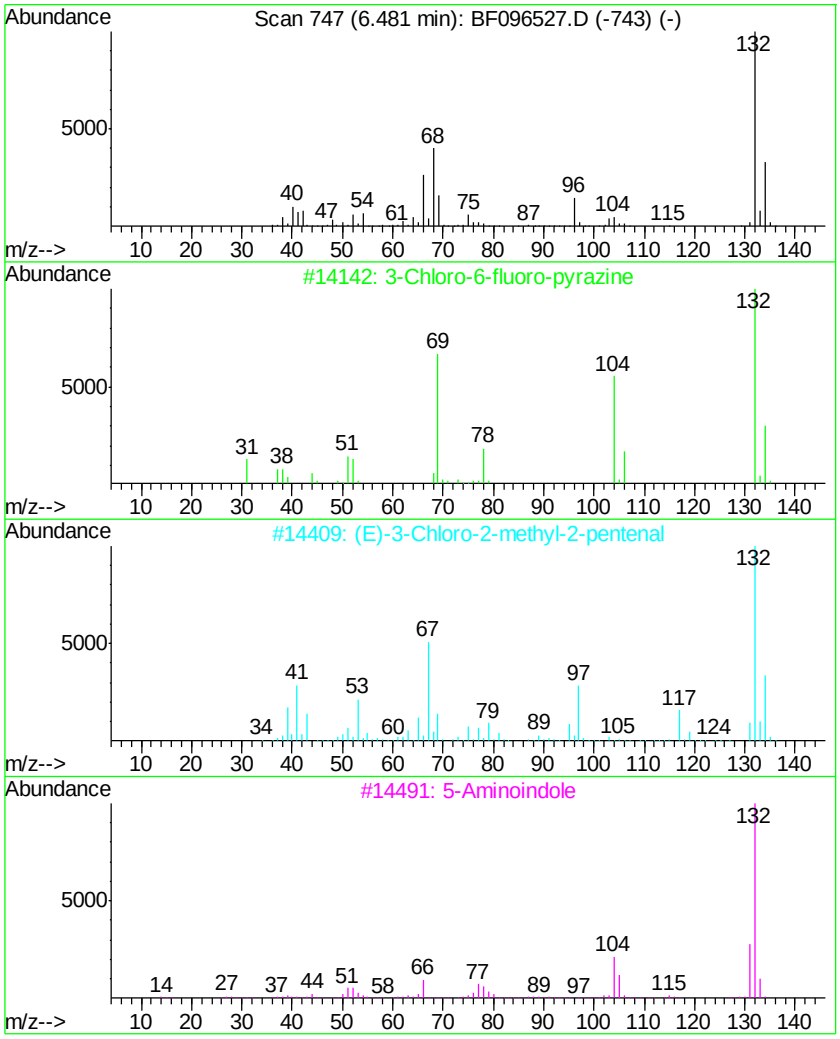
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

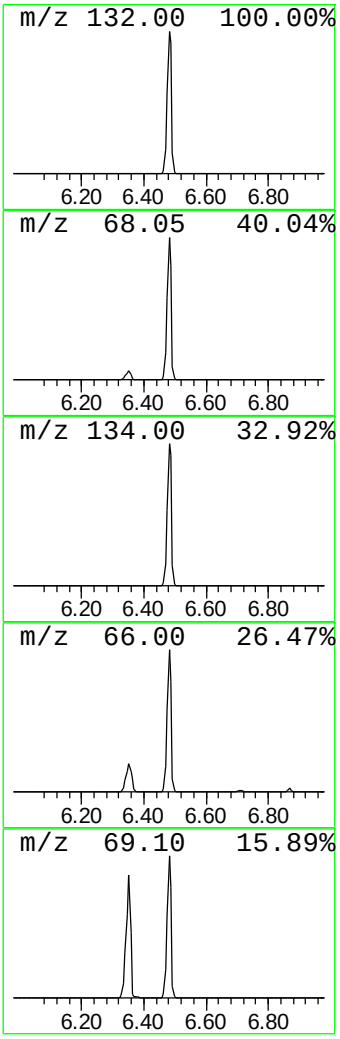
****

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	69.75 ng	2458050	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
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Acq On : 6 Jul 2017 12:31
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Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

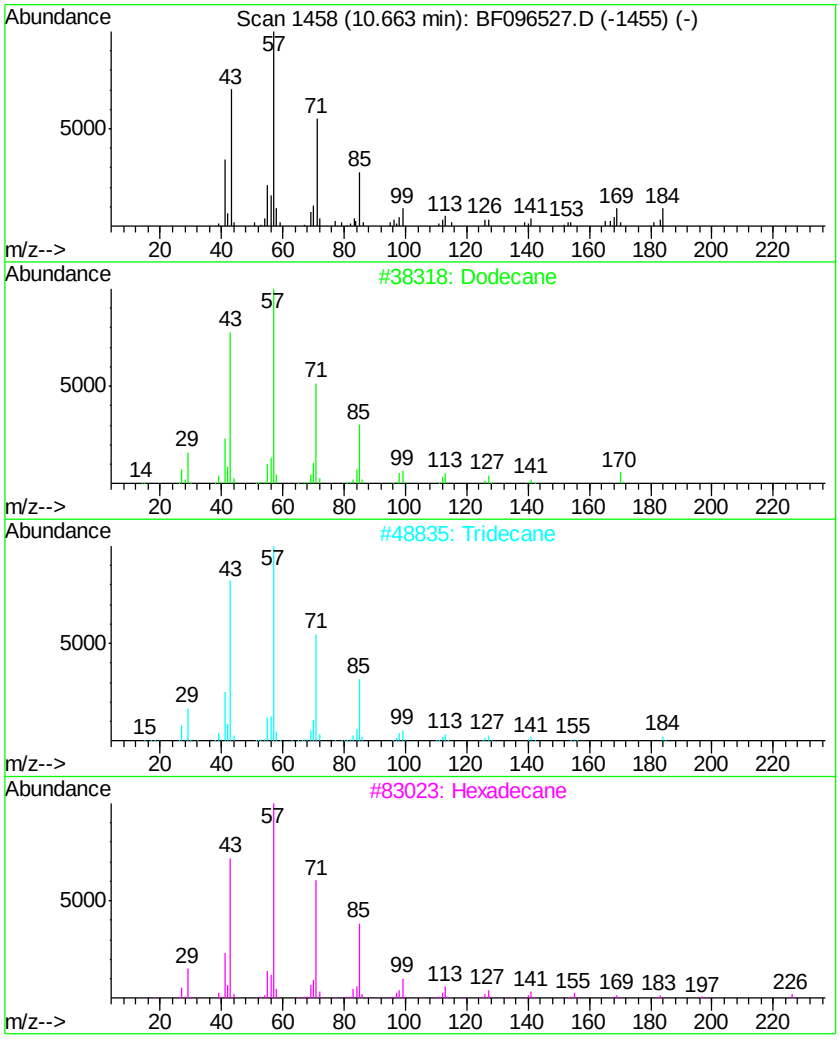
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

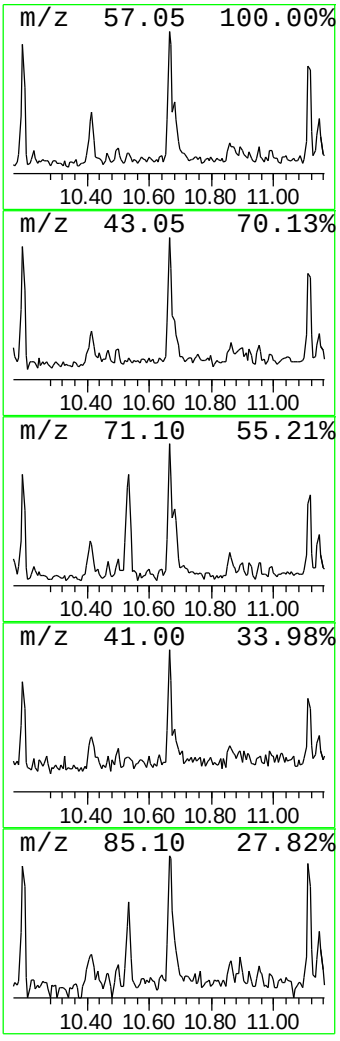
****

Peak Number 4 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.18 ng	90340	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	81
2	Tridecane	184	C13H28	000629-50-5	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Pentadecane	212	C15H32	000629-62-9	59
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

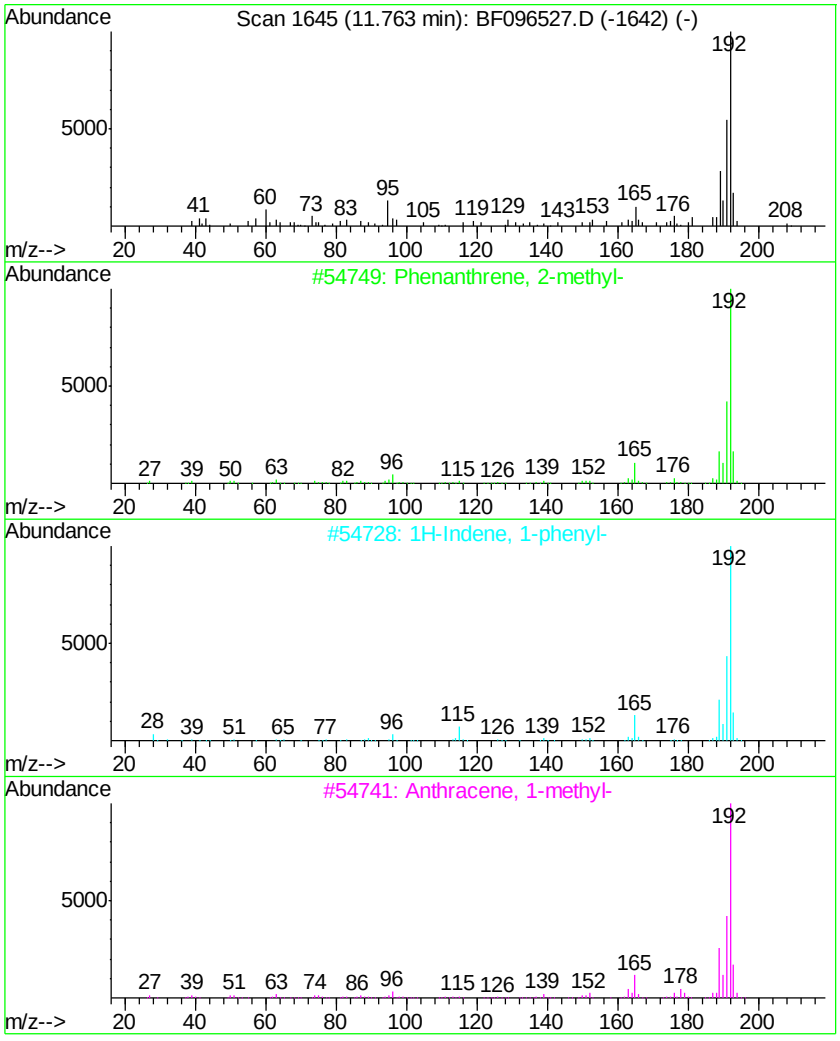
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

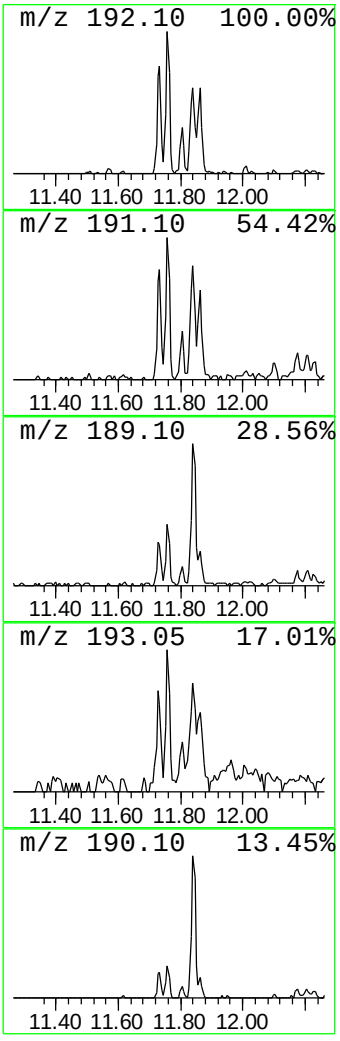
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.68 ng	111006	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
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Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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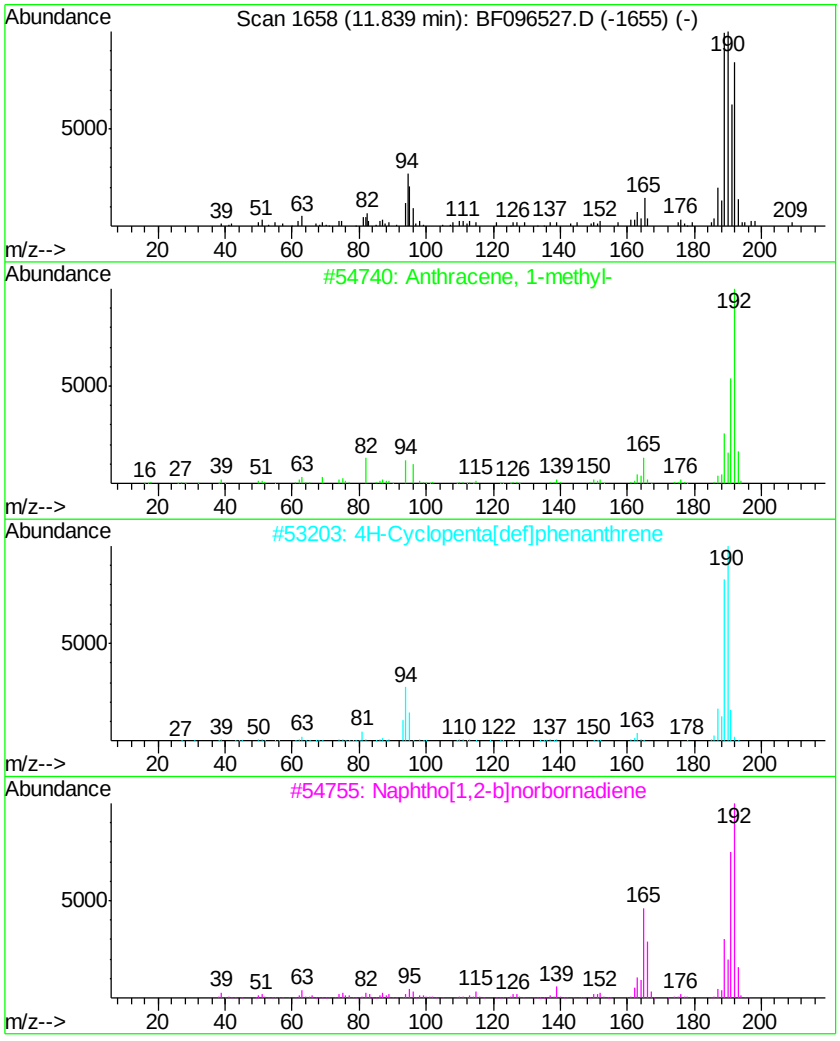
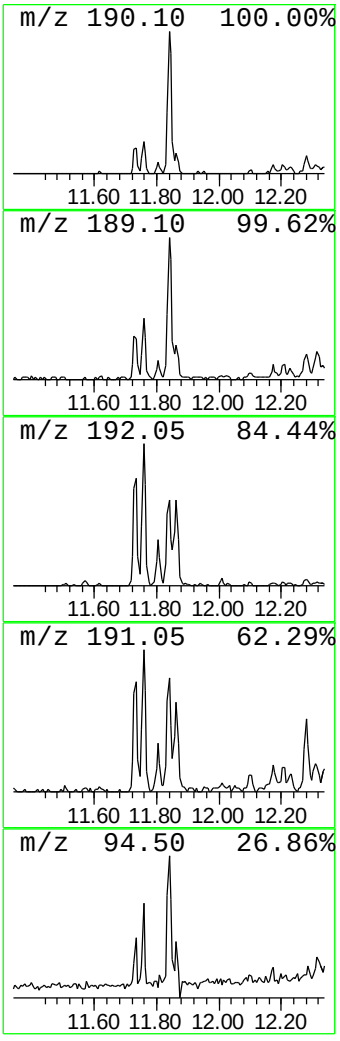
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.00 ng	124299	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

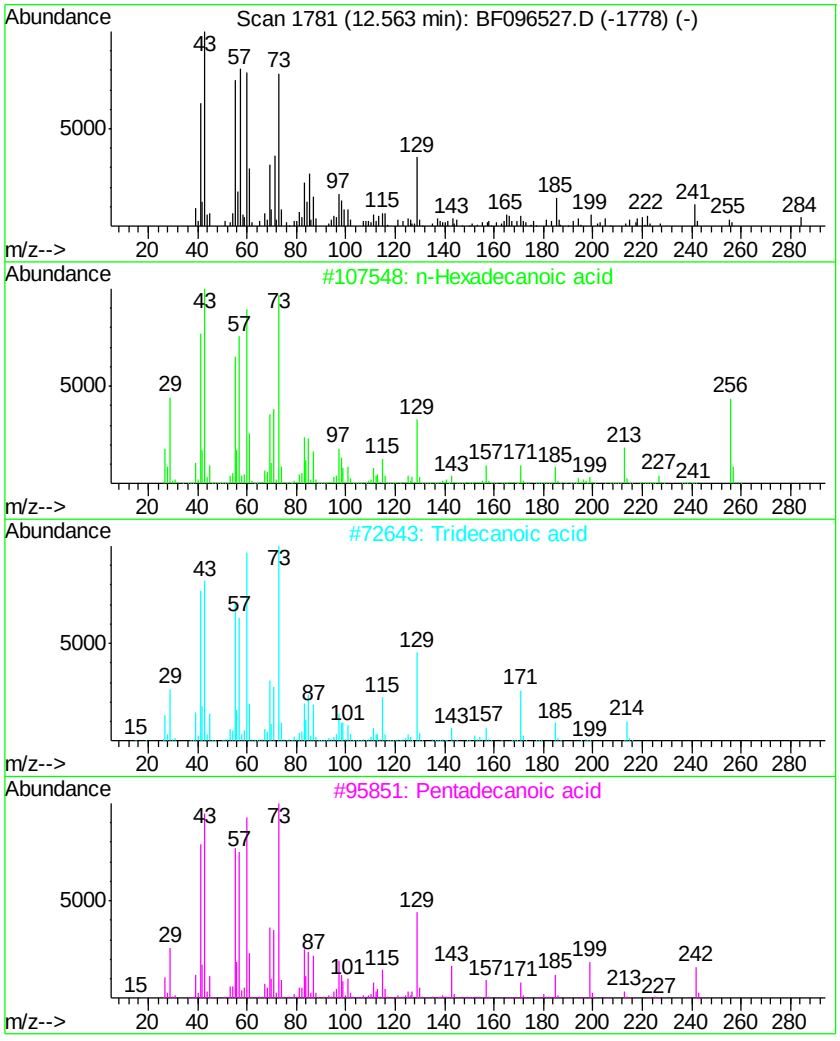
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

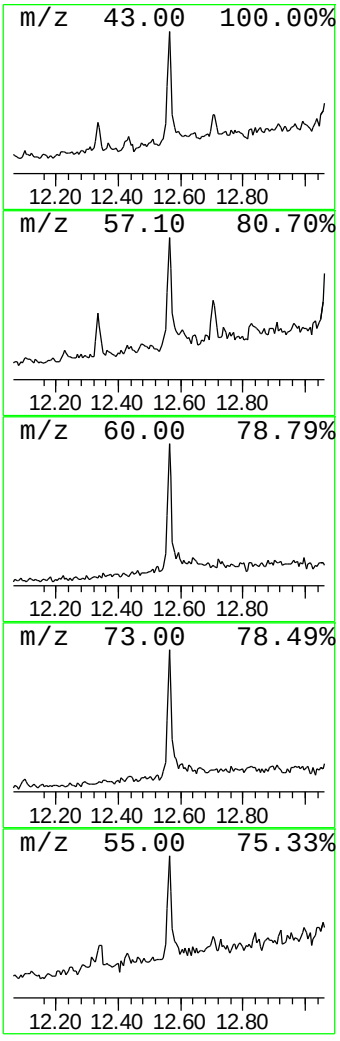
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.88 ng	223715	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

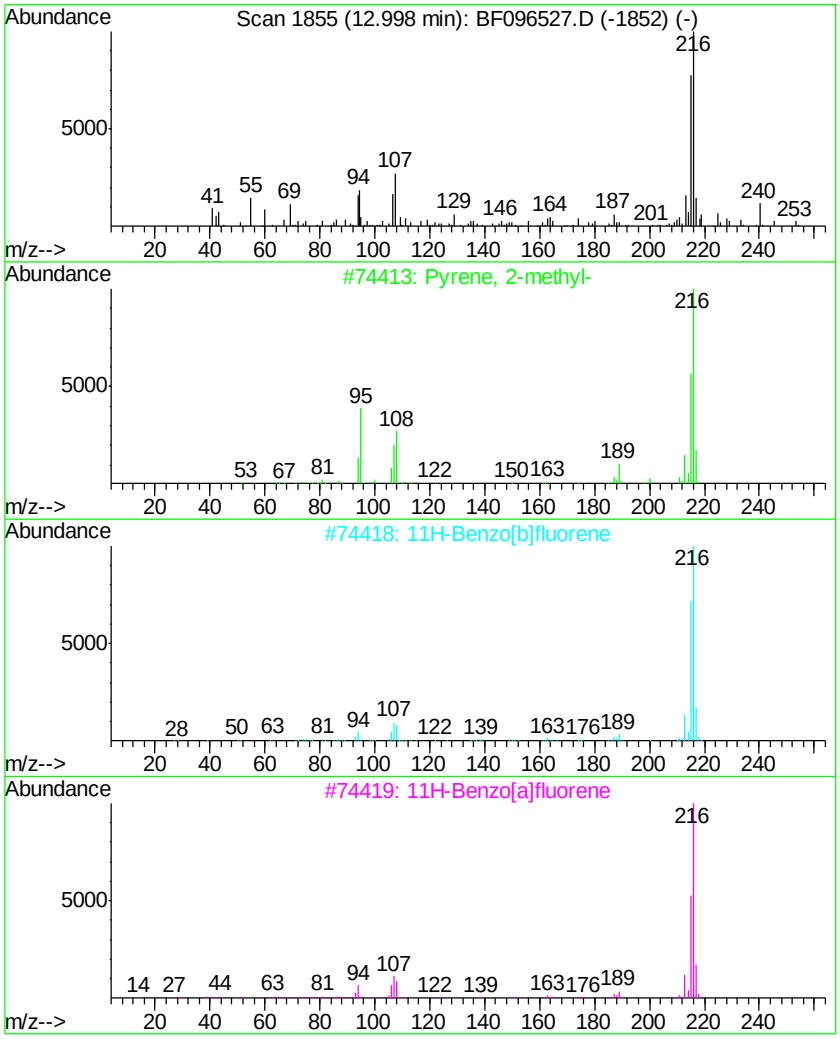
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

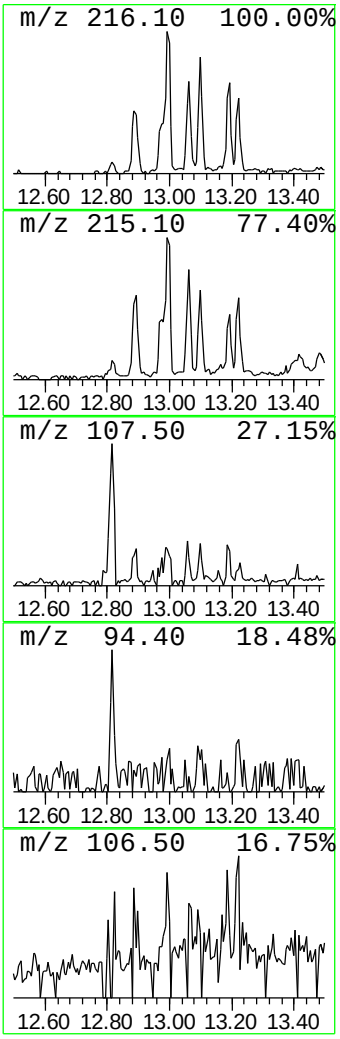
****

Peak Number 8 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.04 ng	93341	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

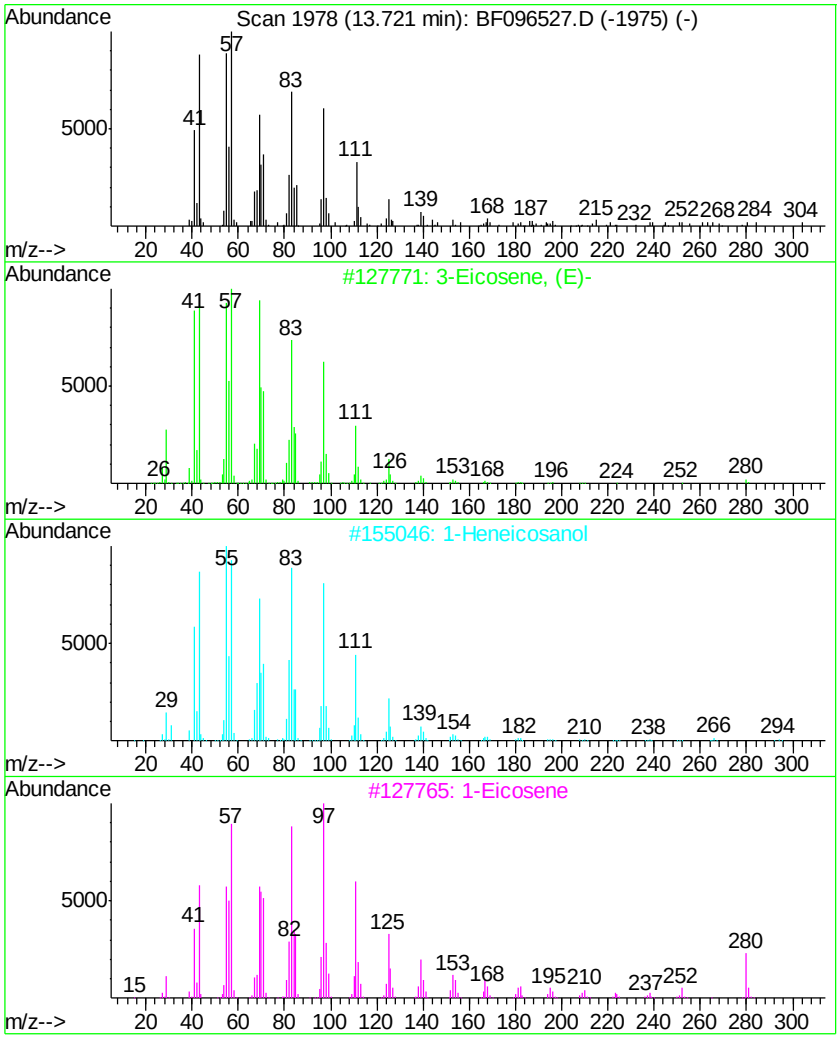
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

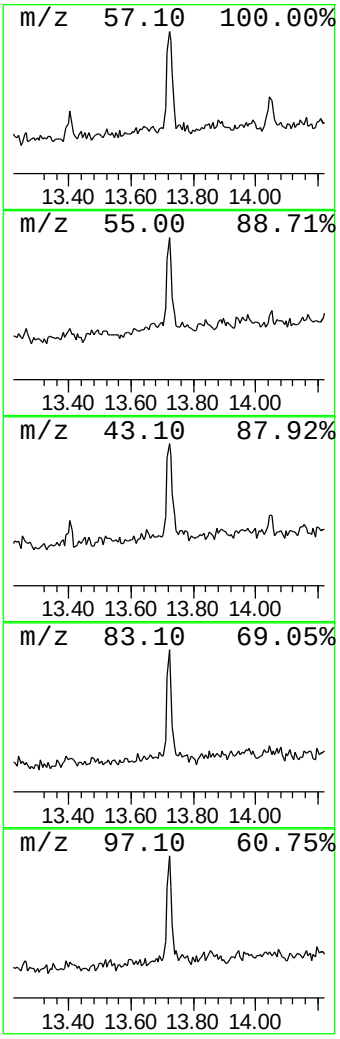
****

Peak Number 9 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.01 ng	229682	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Eicosene	280	C20H40	003452-07-1	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096527.D
Acq On : 6 Jul 2017 12:31
Operator : SJ/MA
Sample : I4052-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-03-070317-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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	9.9	ng	348504	1	6.71	704783	20.0
unknown6.48	6.48	69.8	ng	2458050	1	6.71	704783	20.0
Dodecane	10.66	2.2	ng	90340	4	11.23	828129	20.0
Phenanthrene, 2-m...	11.76	2.7	ng	111006	4	11.23	828129	20.0
Anthracene, 1-met...	11.84	3.0	ng	124299	4	11.23	828129	20.0
n-Hexadecanoic acid	12.56	4.9	ng	223715	5	13.86	916503	20.0
Pyrene, 2-methyl-	13.00	2.0	ng	93341	5	13.86	916503	20.0
3-Eicosene, (E)-	13.72	5.0	ng	229682	5	13.86	916503	20.0