LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-003-A

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-BF041717.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	3.925	334	338	351	rBV	317375	382450	14.60%	1.551%
2	4.325	402	406	425	rBV	2400708	2406249	91.83%	9.761%
3	4.642	456	460	467	rBV	300074	332334	12.68%	1.348%
4	5.401	584	589	605	rBV	2326499	2392918	91.33%	9.707%
5	5.519	605	609	616	rVV	2632671	2512731	95.90%	10.193%
6	5.760	647	650	654	rBV	731364	633433	24.18%	2.569%
7	5.942	676	681	684	rBV	1930826	1950885	74.46%	7.914%
8	6.413	756	761	764	rBV	1560754	1525342	58.21%	6.187%
9	6.583	787	790	800	rBV2	17151	29332	1.12%	0.119%
10	7.254	900	904	913	rBV	994335	878594	33.53%	3.564%
11	8.577	1124	1129	1132	rBV	2755122	2620193	100.00%	10.629%
12	9.077	1211	1214	1218	rBV	269390	270024	10.31%	1.095%
13	9.389	1259	1267	1271	rBV	815206	853462	32.57%	3.462%
14	9.983	1365	1368	1372	rBV	67912	58180	2.22%	0.236%
15	10.066	1379	1382	1386	rVB	34387	35695	1.36%	0.145%
16	10.260	1408	1415	1421	rBV2	26630	45381	1.73%	0.184%
17	10.366	1429	1433	1441	rBV	1228594	1270013	48.47%	5.152%
18	10.566	1464	1467	1469	rBV	72299	68962	2.63%	0.280%
19	11.118	1558	1561	1565	rVB	46424	42134	1.61%	0.171%
20	11.213	1573	1577	1579	rBV	741246	731539	27.92%	2.967%
21	11.236	1579	1581	1587	rVB	254384	258493	9.87%	1.049%
22	11.307	1590	1593	1596	rVB	50159	48852	1.86%	0.198%
23	11.566	1633	1637	1644	rBV4	40127	66735	2.55%	0.271%
24	11.648	1648	1651	1657	rVB	34206	34336	1.31%	0.139%
25	11.836	1679	1683	1686	rBV	38582	43786	1.67%	0.178%
26	11.871	1686	1689	1696	rVB	42291	52922	2.02%	0.215%
27	11.948	1696	1702	1703	rBV2	64542	82837	3.16%	0.336%
28	11.966	1703	1705	1709	rVB	60455	57120	2.18%	0.232%
29	12.207	1742	1746	1749	rBV	21994	27957	1.07%	0.113%
30	12.242	1749	1752	1760	rVB6	25784	41255	1.57%	0.167%
31	12.518	1795	1799	1802	rBV	25142	31269	1.19%	0.127%
32	12.630	1814	1818	1822	rBV5	28627	42407	1.62%	0.172%
33	12.701	1827	1830	1835	rBV	339610	351493	13.41%	1.426%
34	12.977	1873	1877	1881	rBV	337584	343239	13.10%	1.392%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-003-A

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-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.095	1892	1897	1901	rVB5	21833	27534	1.05%	0.112%
36	13.189	1908	1913	1920	rBV	1712420	1806729	68.95%	7.329%
37	13.271	1920	1927	1930	rVV8	21363	45526	1.74%	0.185%
38	13.395	1945	1948	1954	rVB	45509	62187	2.37%	0.252%
39	13.524	1967	1970	1971	rBV	36657	43192	1.65%	0.175%
40	13.630	1985	1988	1992	rBV	21115	27657	1.06%	0.112%
41	13.671	1992	1995	2000	rBV4	17355	33368	1.27%	0.135%
42	13.954	2041	2043	2048	rVB3	34807	31665	1.21%	0.128%
43	14.359	2108	2112	2117	rBV2	92524	157554	6.01%	0.639%
44	14.465	2125	2130	2133	rBV2	599680	777233	29.66%	3.153%
45	14.495	2133	2135	2142	rVB	139243	151659	5.79%	0.615%
46	14.759	2178	2180	2184	rVB3	36654	38056	1.45%	0.154%
47	15.695	2336	2339	2342	rBV	140470	194980	7.44%	0.791%
48	15.983	2385	2388	2393	rBV	91150	112765	4.30%	0.457%
49	16.042	2395	2398	2402	rVB	104875	126324	4.82%	0.512%
50	16.095	2403	2407	2411	rBV	440001	493396	18.83%	2.001%

Sum of corrected areas: 24652377

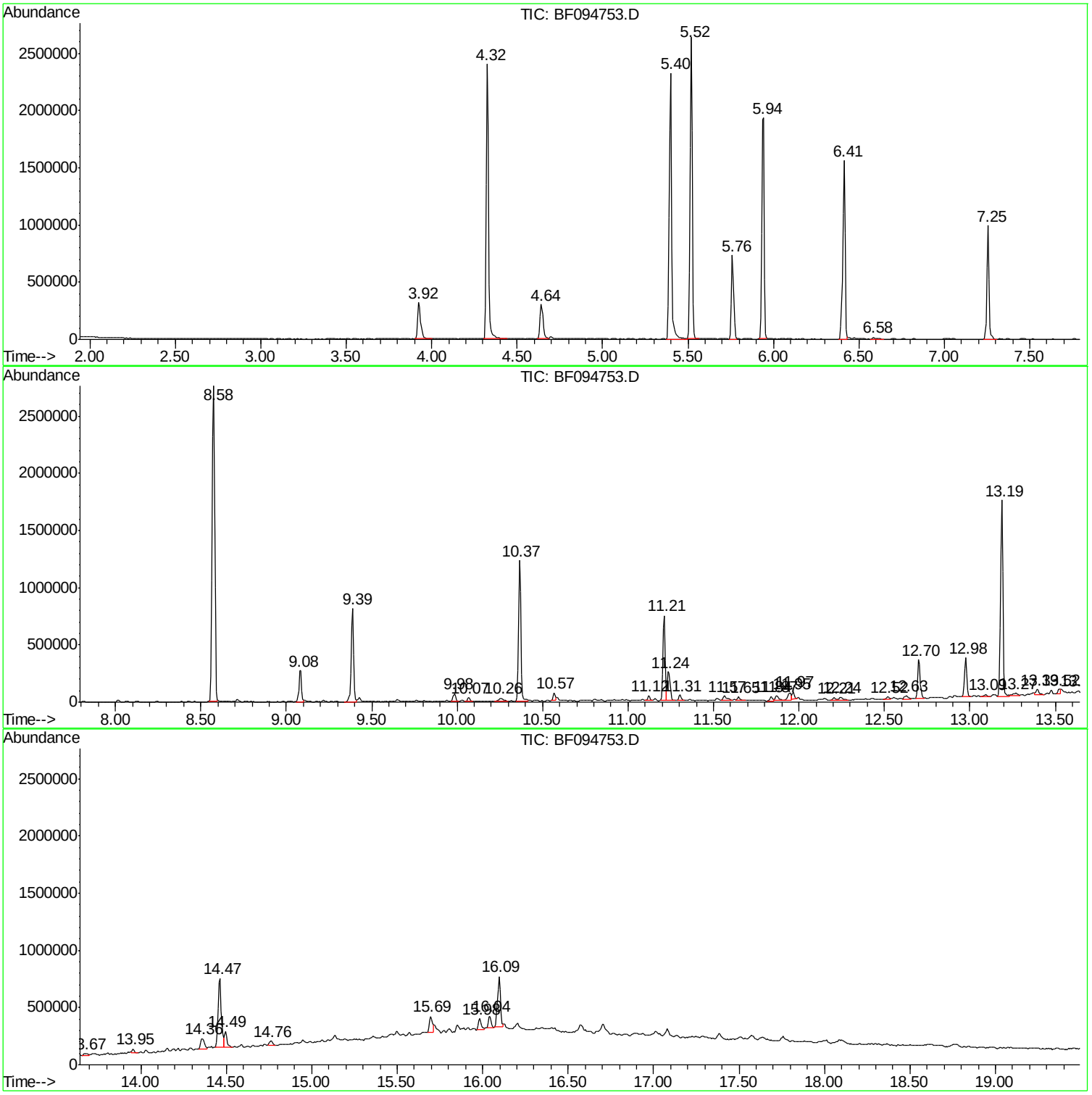
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

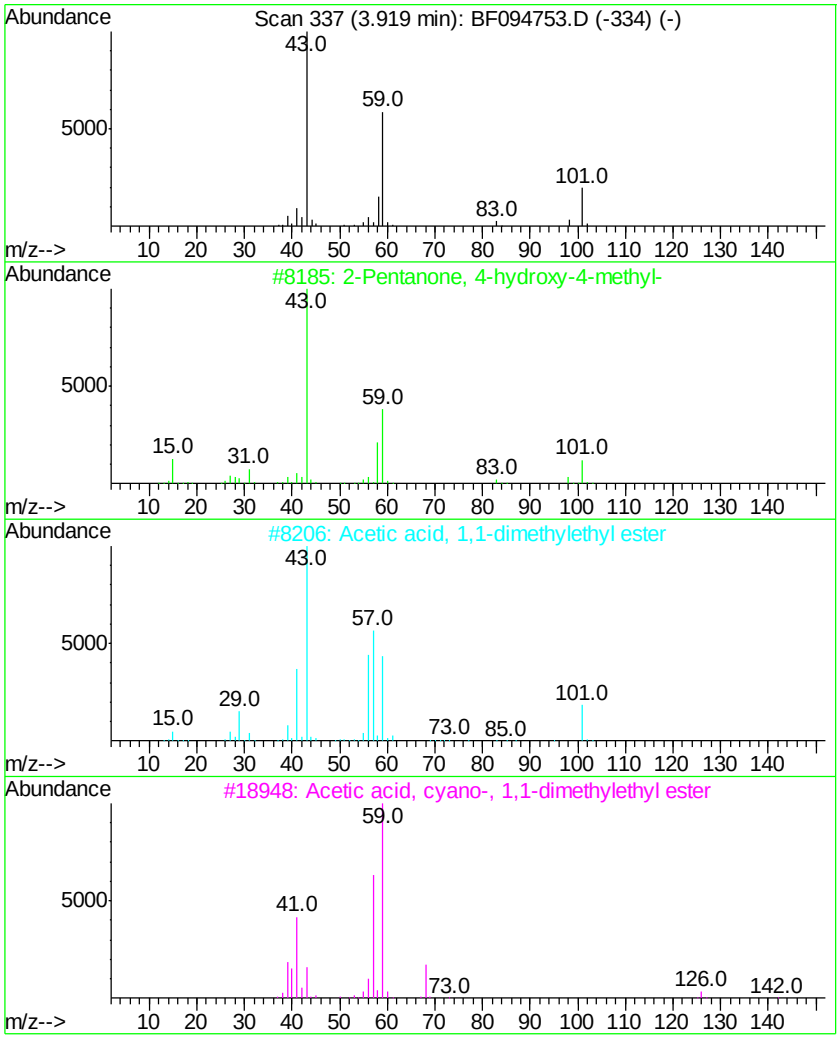
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

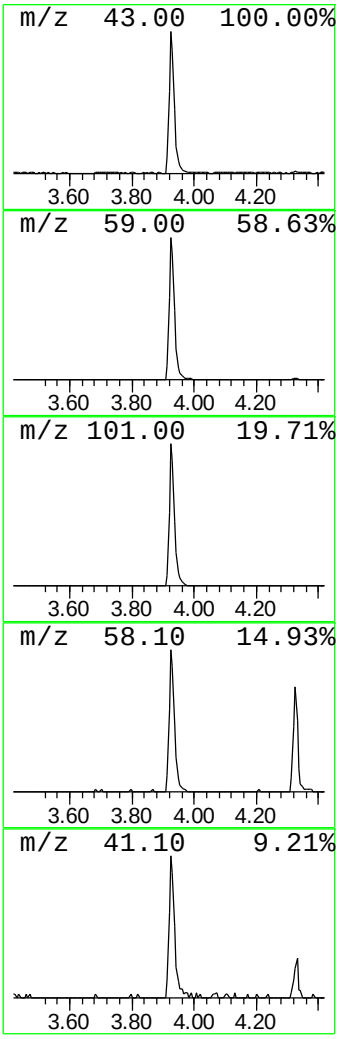
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	12.08 ng	382450	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

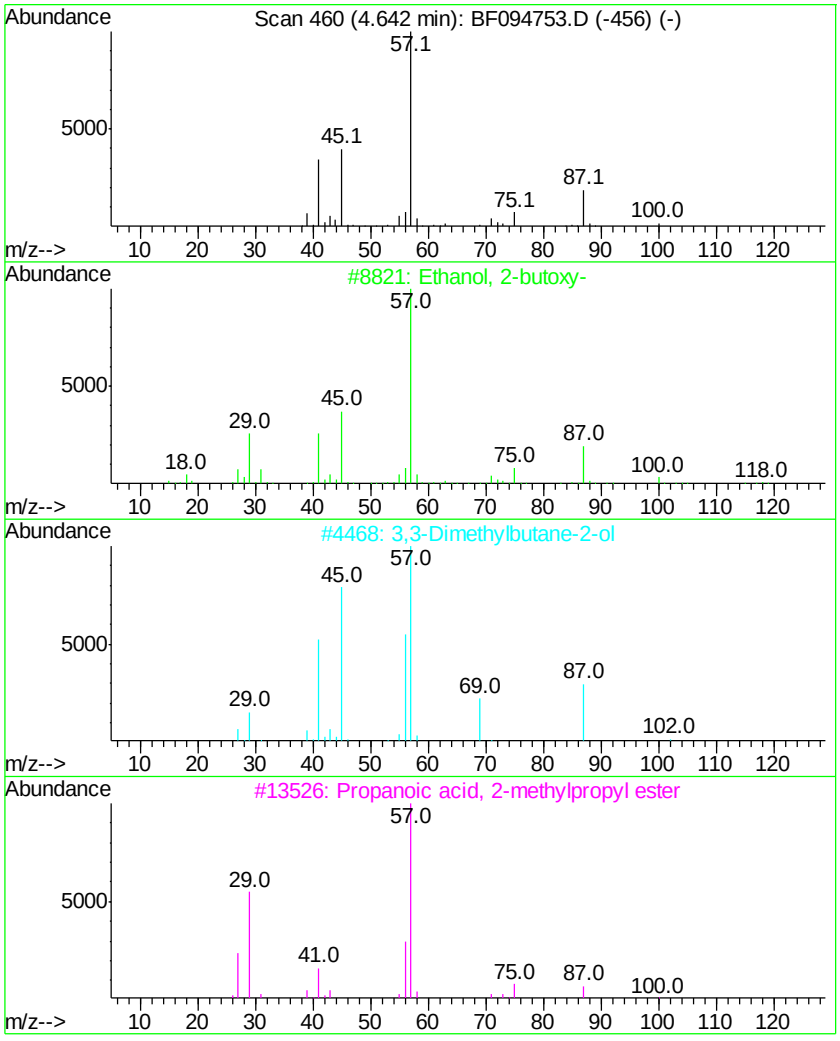
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

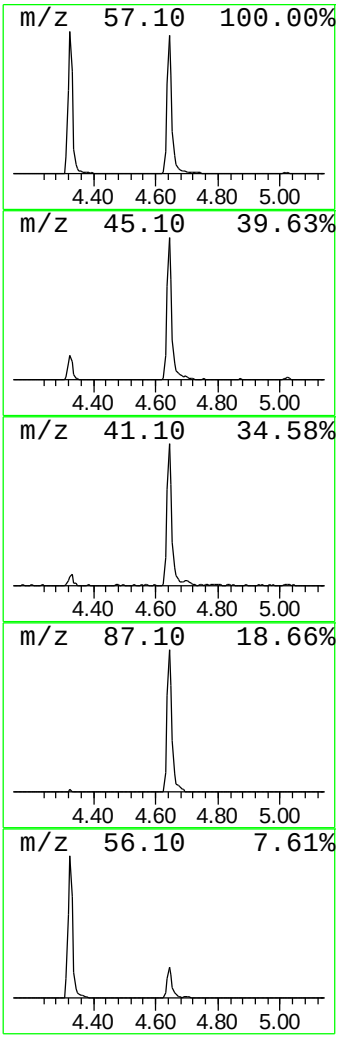
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	10.49 ng	332334	1,4-Dichlorobenzene-d4	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38
3	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	25
4	n-Butyl ether	130	C8H18O	000142-96-1	25
5	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

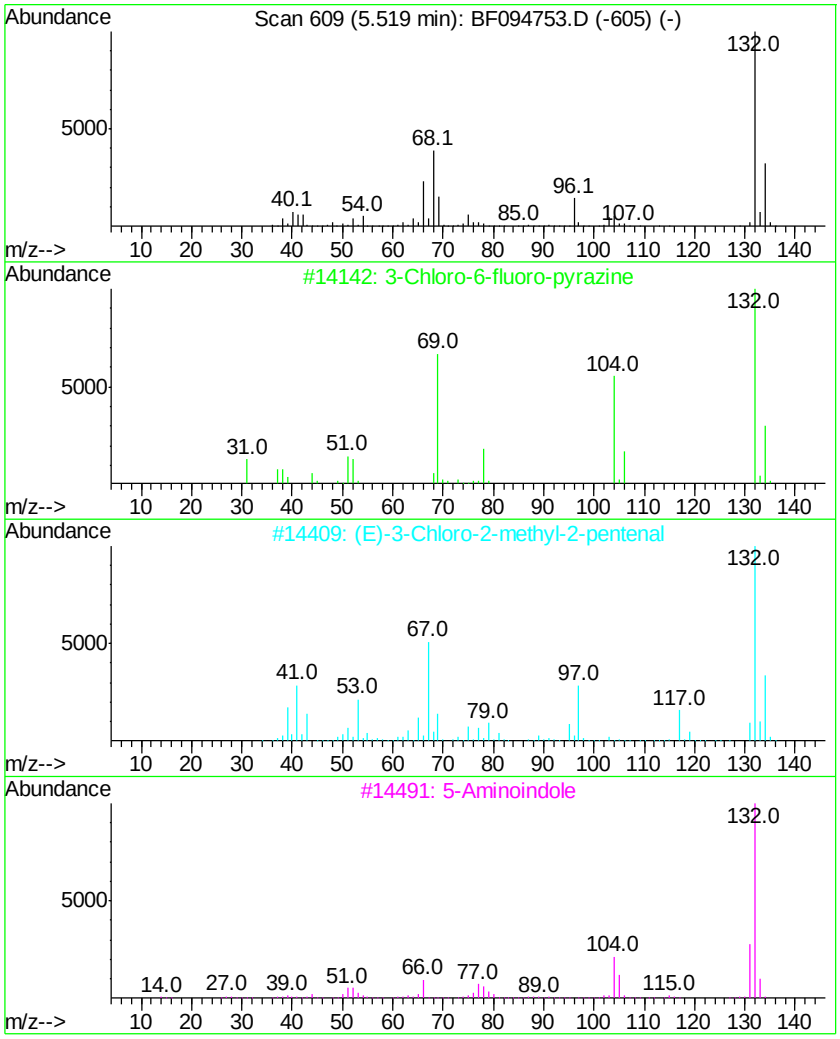
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

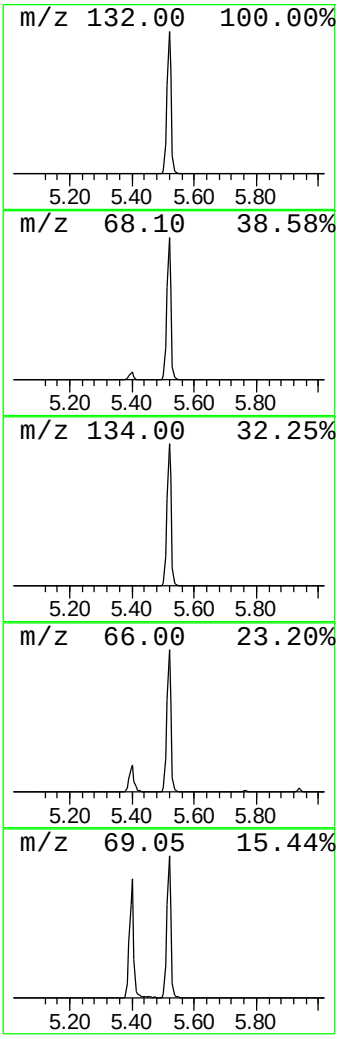
****

Peak Number 3 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	79.34 ng	2512730	1,4-Dichlorobenzene-d4	5.76

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

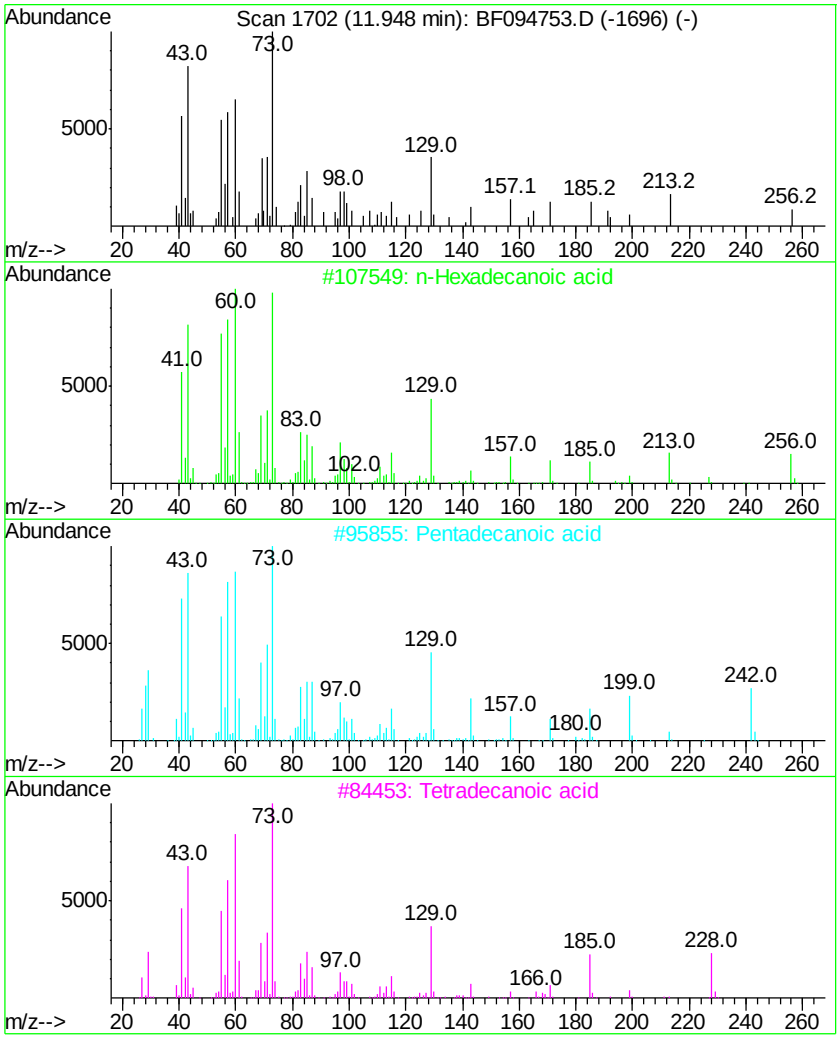
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

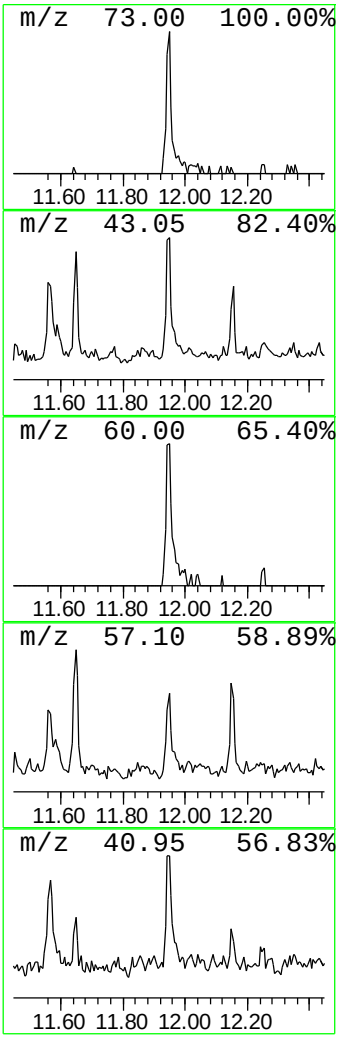
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.26 ng	82837	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

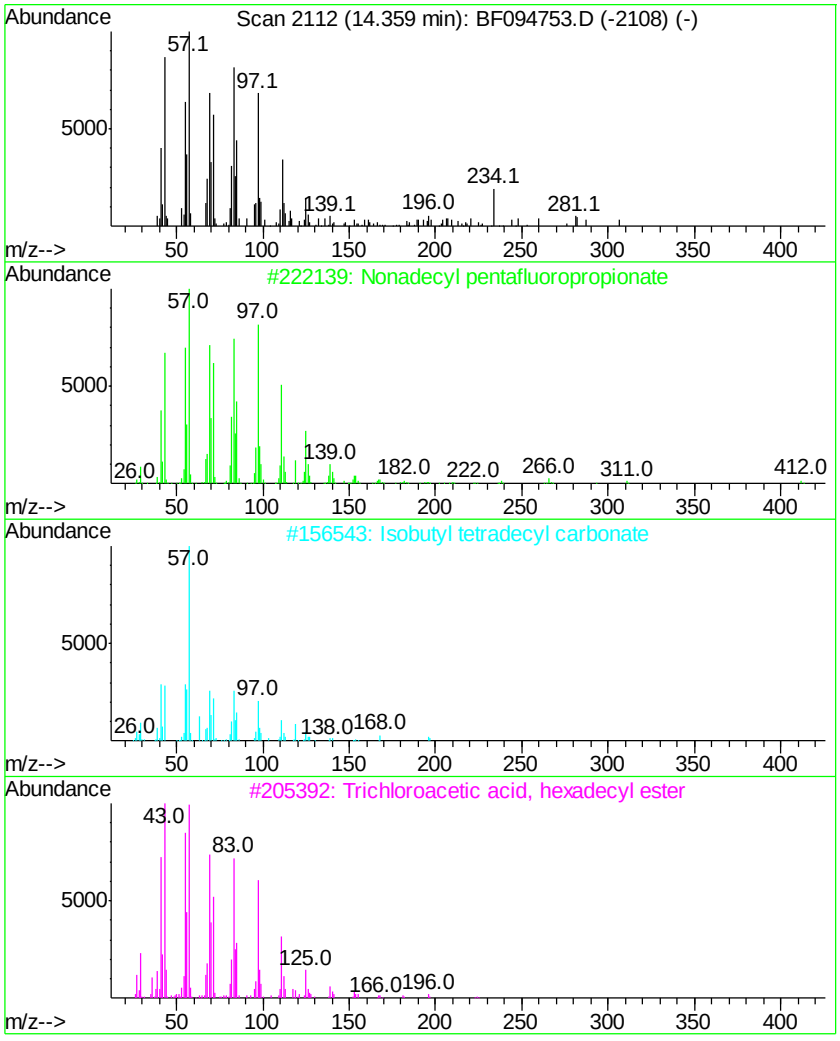
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

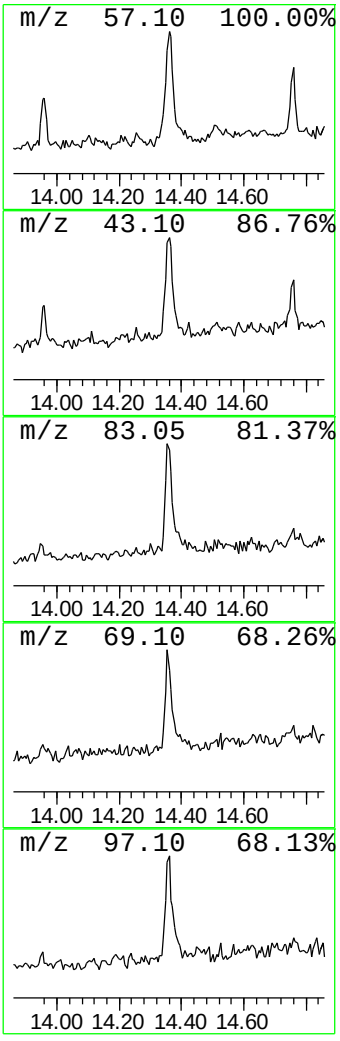
****

Peak Number 6 Nonadecyl pentafluoropropio... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	4.05 ng	157554	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	87
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
5	Cyclotetradecane	196	C14H28	000295-17-0	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050117\
Data File : BF094753.D
Acq On : 1 May 2017 16:06
Operator : SJ/MA
Sample : I2927-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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...	3.92	12.1	ng	382450	1	5.76	633433	20.0
Ethanol, 2-butoxy-	4.64	10.5	ng	332334	1	5.76	633433	20.0
unknown5.52	5.52	79.3	ng	2512730	1	5.76	633433	20.0
n-Hexadecanoic acid	11.95	2.3	ng	82837	4	11.21	731539	20.0
Nonadecyl pentafl...	14.36	4.0	ng	157554	5	14.47	777233	20.0