LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
Data File : BF104404.D
Acq On : 10 Apr 2018 13:15
Operator : JU/SJ
Sample : J2280-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

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-BF040618.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	5.022	494	499	507	rVB	100258	129946	4.99%	0.560%
2	5.422	562	567	570	rBV	2691050	2605648	100.00%	11.231%
3	5.751	619	623	627	rBV	66134	59291	2.28%	0.256%
4	6.028	668	670	672	rBV	46717	42218	1.62%	0.182%
5	6.051	672	674	682	rVB	131485	145532	5.59%	0.627%
6	6.439	734	740	743	rBV	2486542	2508709	96.28%	10.813%
7	6.581	759	764	767	rBV	2578330	2600754	99.81%	11.210%
8	6.810	799	803	806	rVB	848699	681093	26.14%	2.936%
9	6.963	825	829	833	rBV	2281381	2060927	79.09%	8.883%
10	7.375	893	899	902	rBV	1612068	1549327	59.46%	6.678%
11	8.092	1017	1021	1024	rBV	983462	821350	31.52%	3.540%
12	9.169	1199	1204	1207	rBV	2761985	2485880	95.40%	10.715%
13	9.557	1267	1270	1274	rBV	233322	204494	7.85%	0.881%
14	9.775	1303	1307	1310	rVB	75865	53408	2.05%	0.230%
15	9.845	1315	1319	1323	rVV	890446	731097	28.06%	3.151%
16	10.275	1389	1392	1395	rVB	87450	63967	2.45%	0.276%
17	10.498	1424	1430	1432	rBV	19584	27594	1.06%	0.119%
18	10.633	1448	1453	1457	rBV	1388265	1293501	49.64%	5.575%
19	10.751	1470	1473	1482	rVB	66582	68384	2.62%	0.295%
20	11.333	1568	1572	1575	rBV	792820	656280	25.19%	2.829%
21	11.863	1658	1662	1674	rBV	183974	192556	7.39%	0.830%
22	12.545	1775	1778	1781	rBV	65267	59350	2.28%	0.256%
23	12.645	1793	1795	1802	rBV4	30188	28179	1.08%	0.121%
24	12.774	1812	1817	1820	rBV	50619	43455	1.67%	0.187%
25	12.927	1838	1843	1846	rBV	2249028	2149568	82.50%	9.265%
26	13.816	1991	1994	1998	rBV	335507	324927	12.47%	1.401%
27	13.980	2016	2022	2025	rBV	897878	881549	33.83%	3.800%
28	14.004	2025	2026	2032	rVB	49355	39407	1.51%	0.170%
29	14.833	2165	2167	2172	rVB	50027	47861	1.84%	0.206%
30	15.445	2266	2271	2280	rBV	491854	644516	24.74%	2.778%

Sum of corrected areas: 23200768

LSC Report - Integrated Chromatogram

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Misc :
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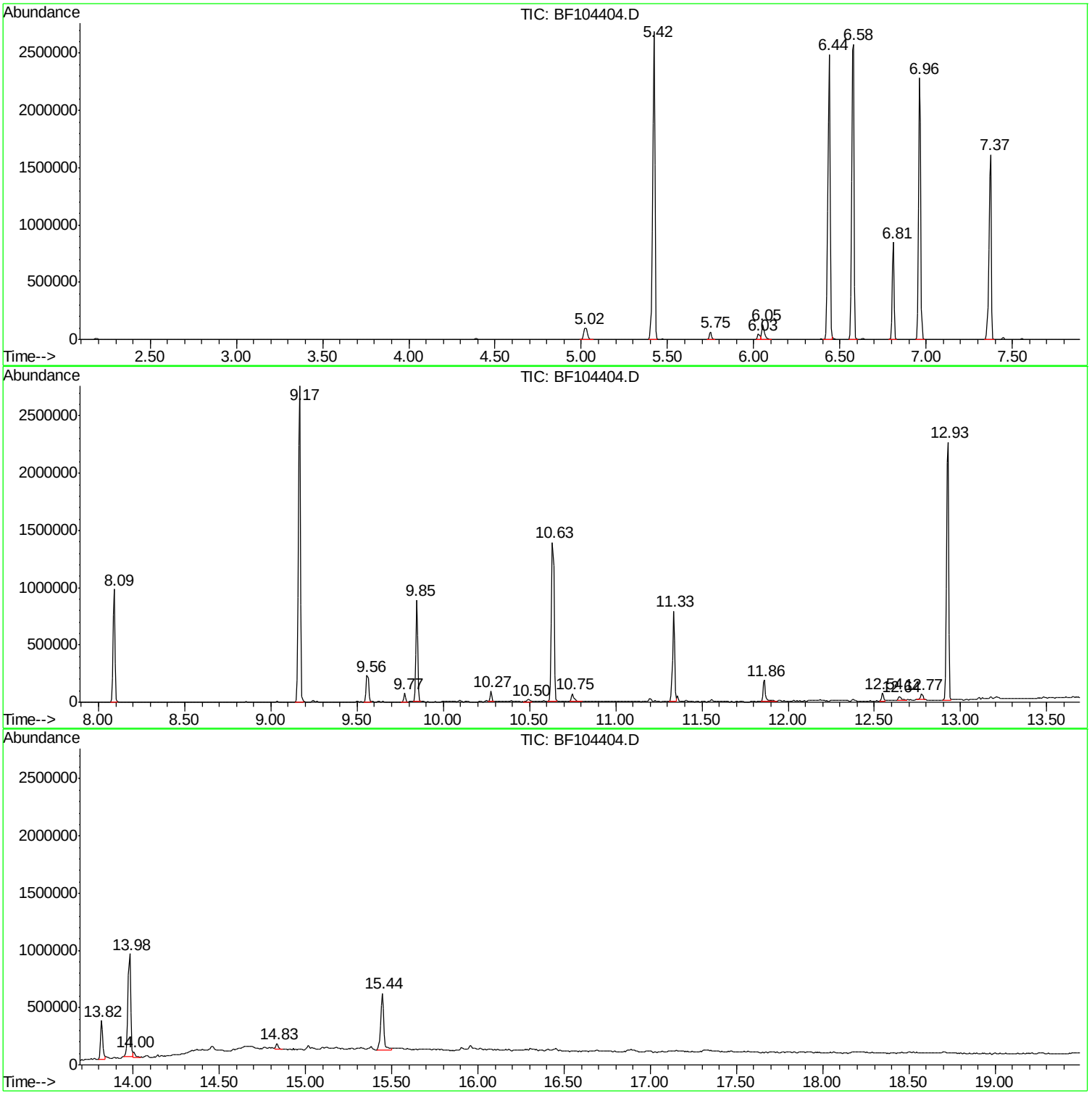
Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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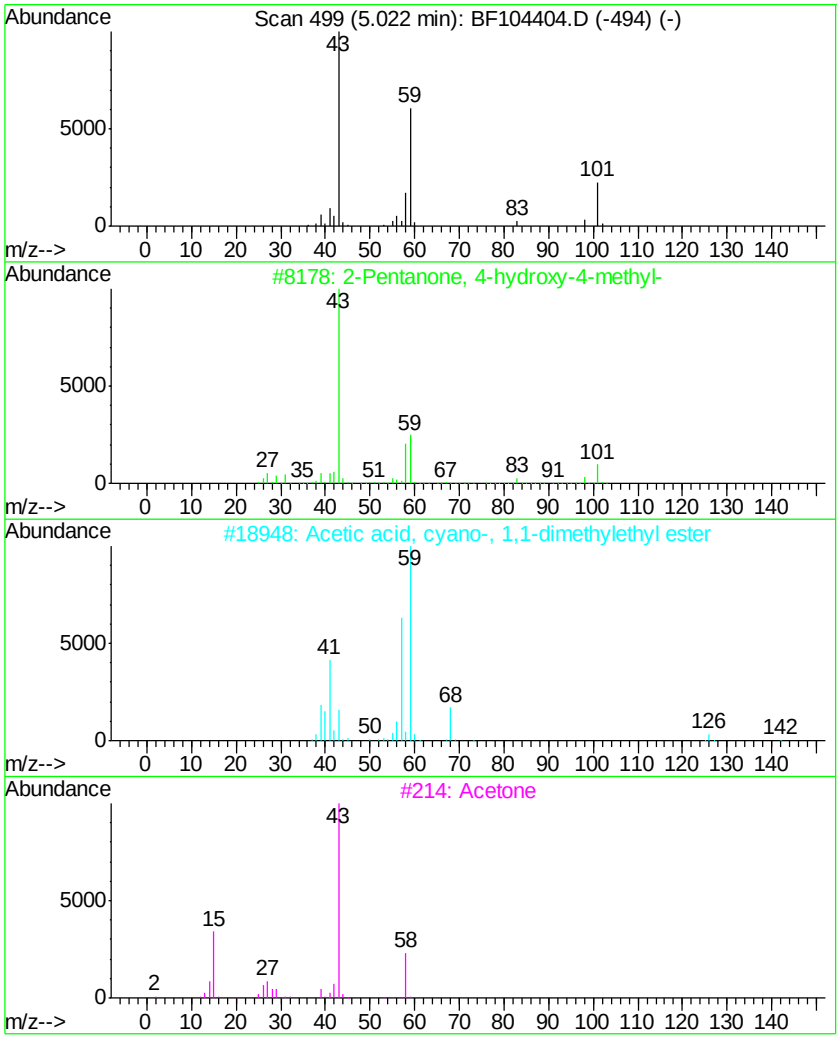
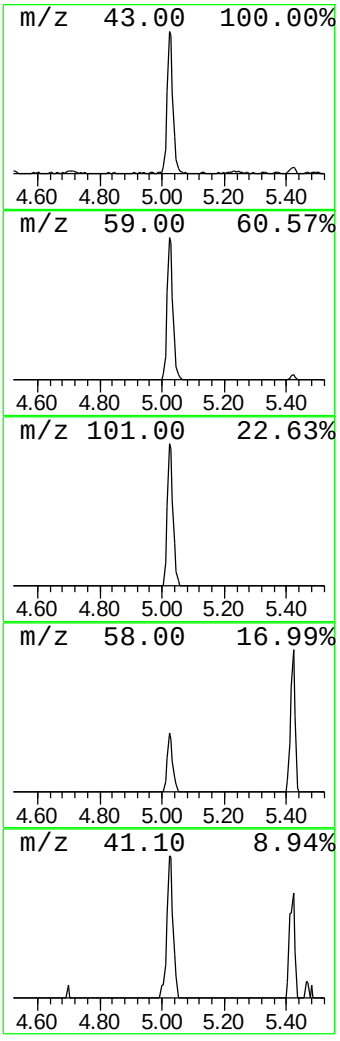
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	3.82 ng	129946	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Misc :
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Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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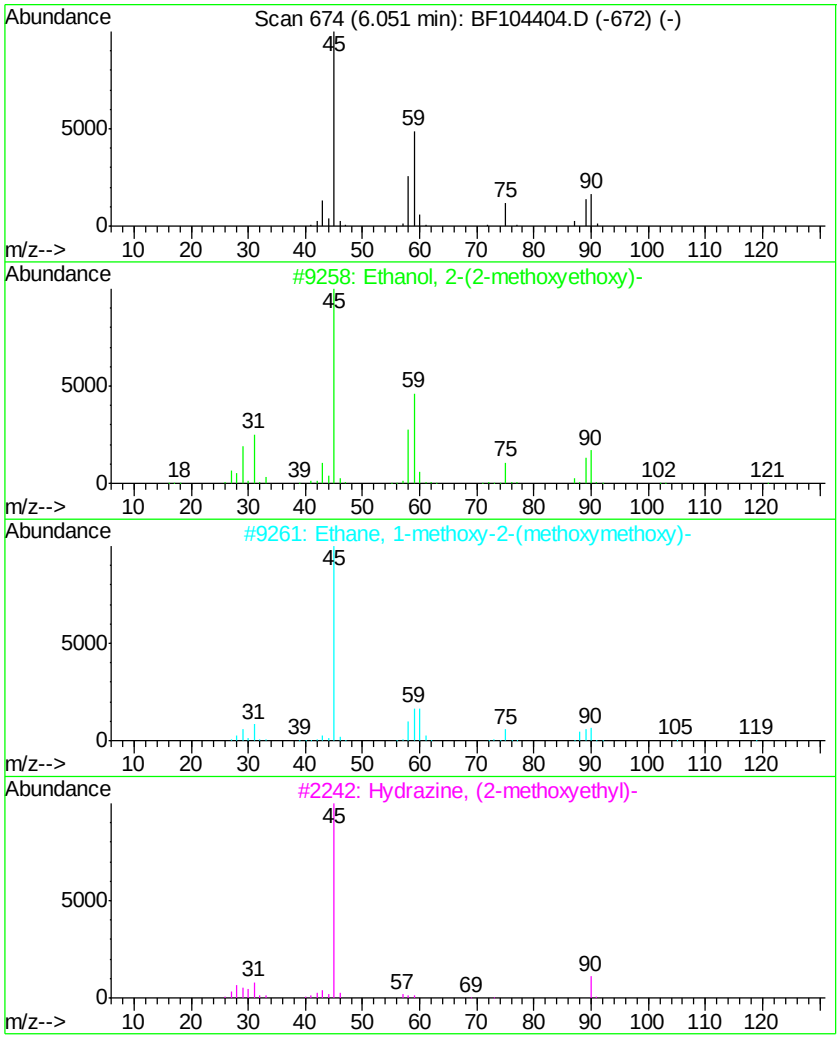
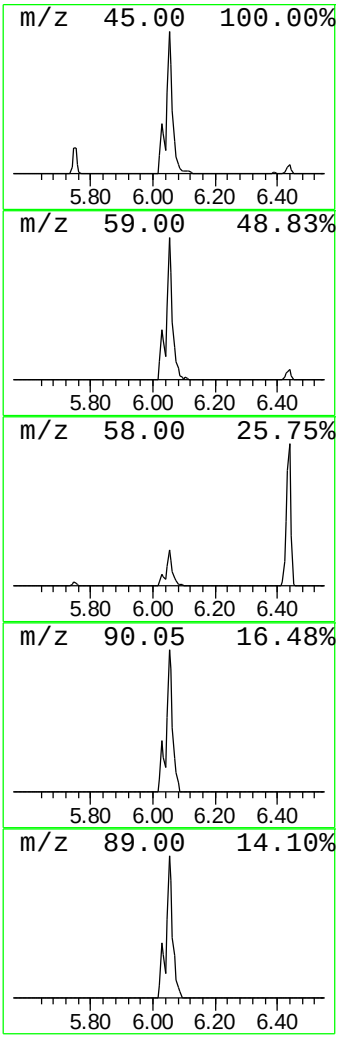
Peak Number 2 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	4.27 ng	145532	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	90
2	Ethane, 1-methoxy-2-(methoxymeth...	120	C5H12O3	074498-88-7	38
3	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	32
4	Dimethyl-cyano-phosphine	87	C3H6NP	031641-57-3	25
5	Acetic acid, methoxy-, methyl ester	104	C4H8O3	006290-49-9	23





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Sample : J2280-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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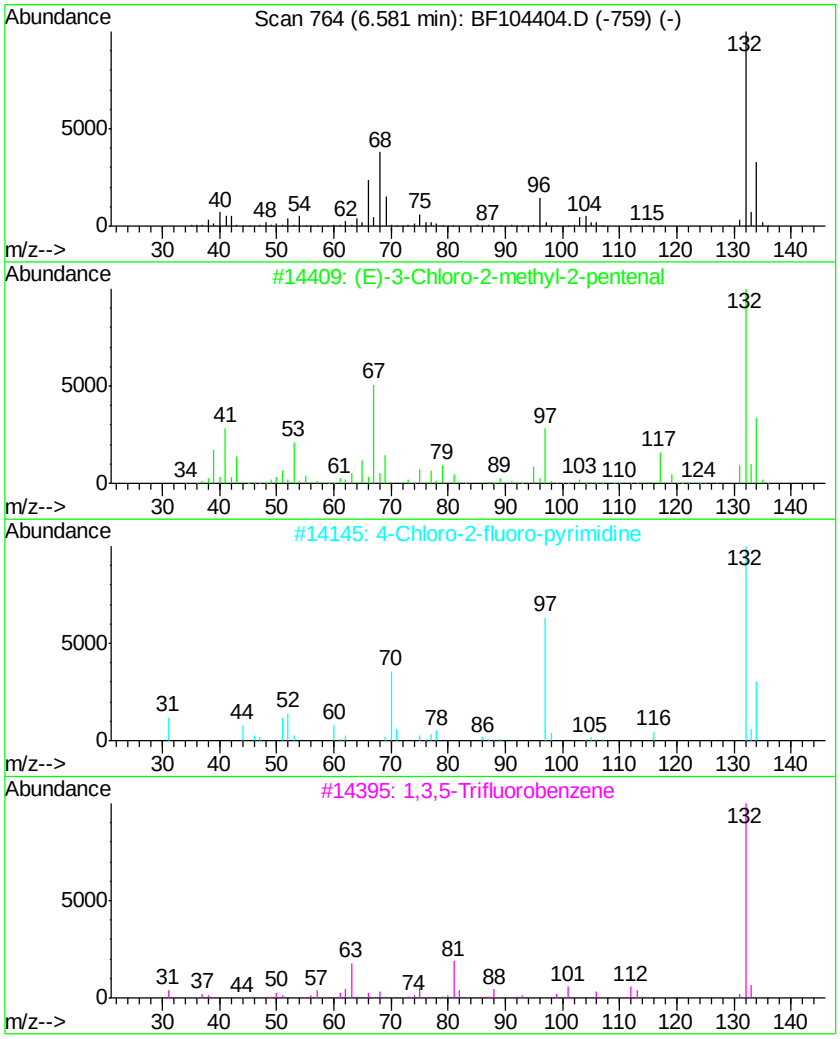
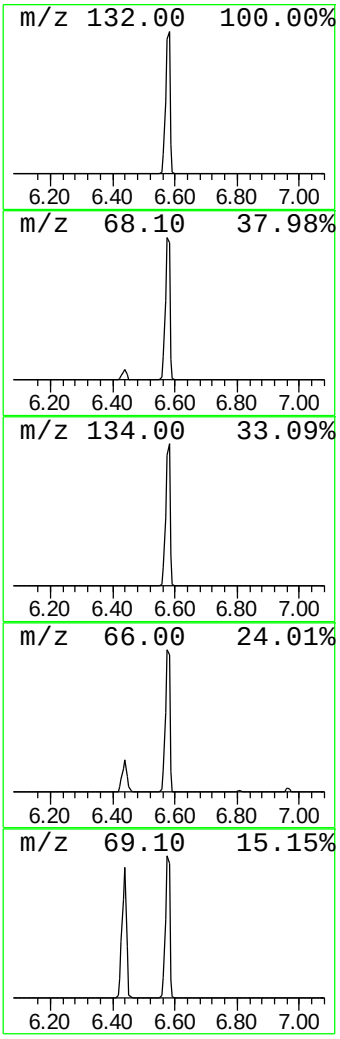
Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	76.37 ng	2600750	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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ClientSampleId : S1

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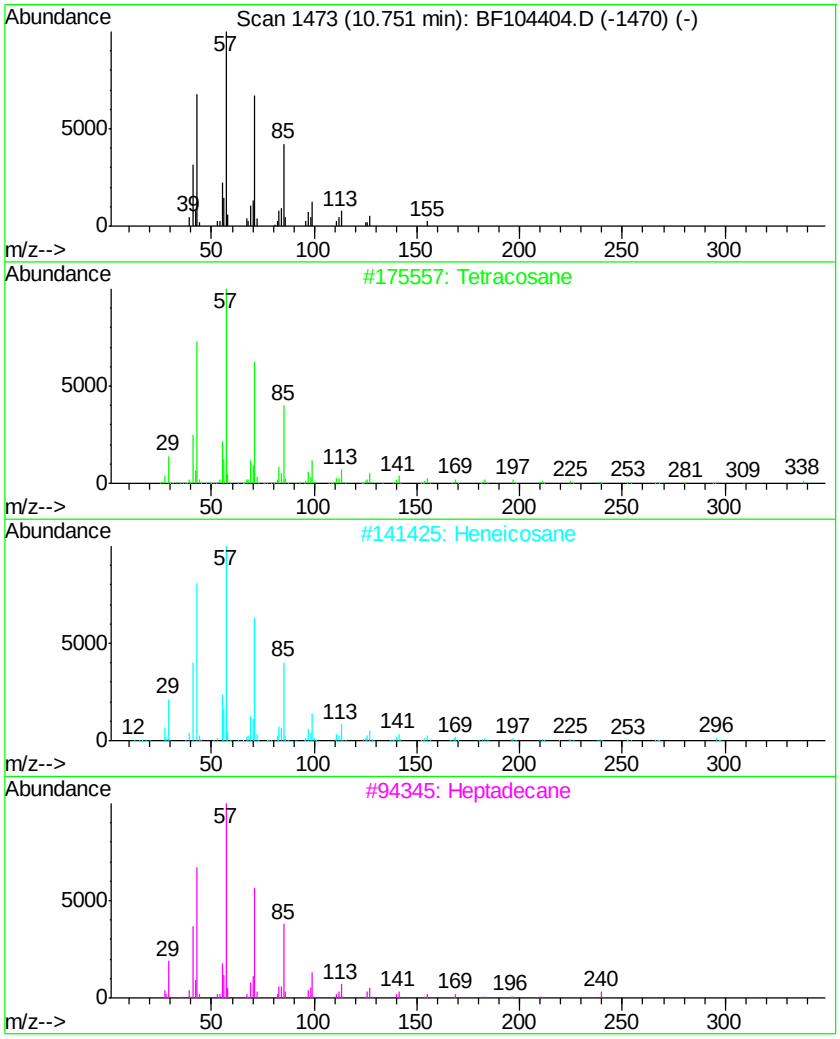
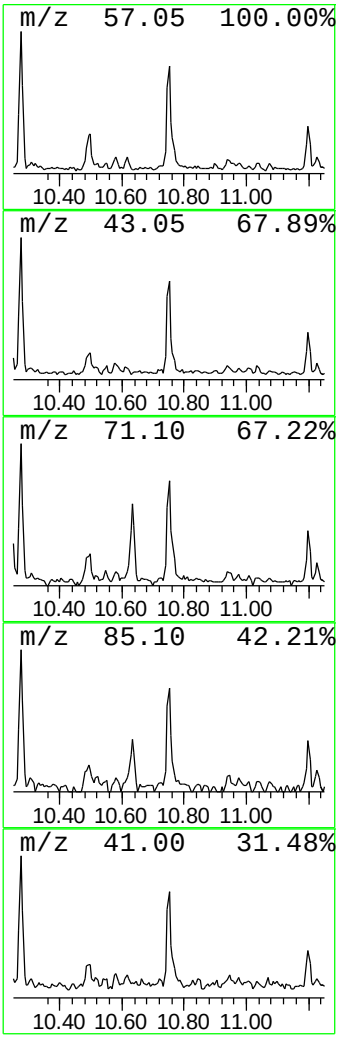
Peak Number 5 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.08 ng	68384	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane	254	C18H38	000593-45-3	90





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Sample : J2280-01
Misc :
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Instrument : BNA_F
ClientSampleId : S1

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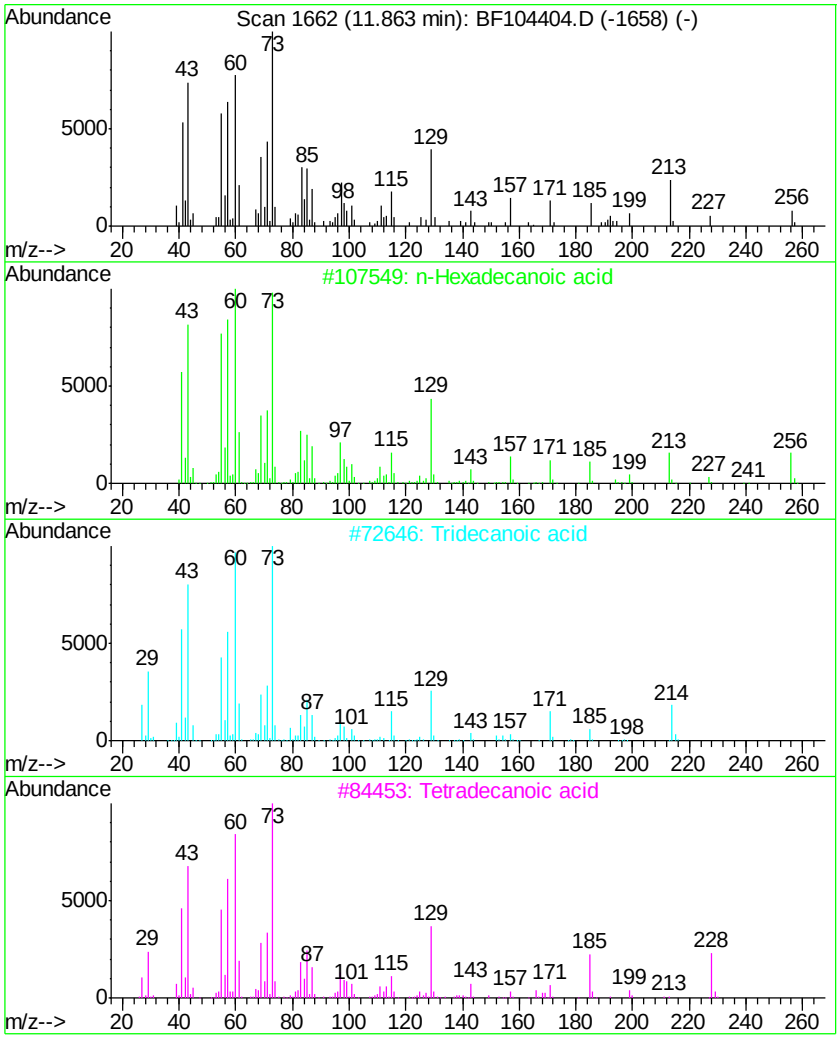
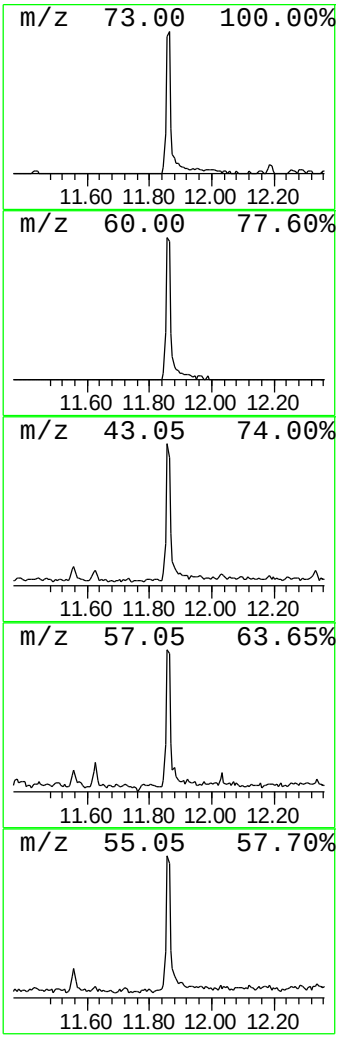
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	5.87 ng	192556	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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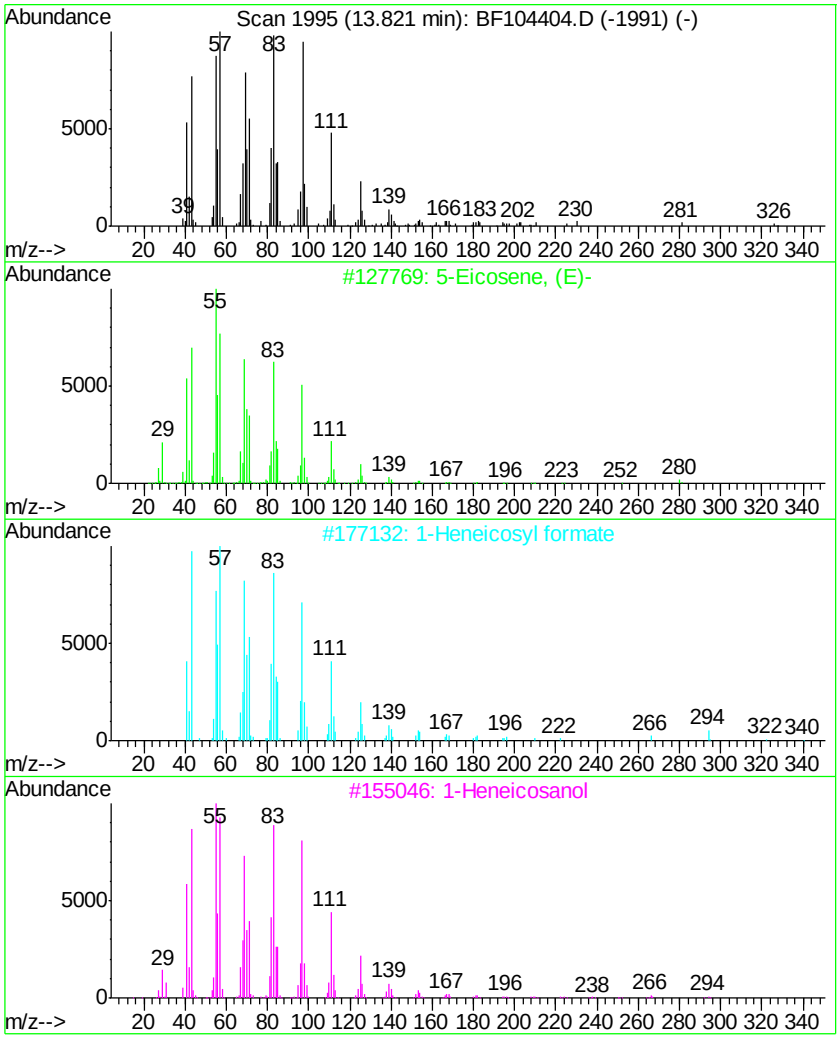
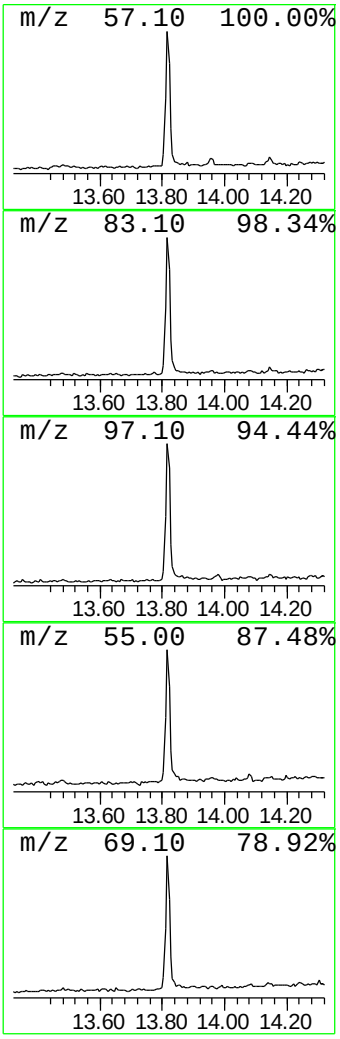
Peak Number 7 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.37 ng	324927	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	95





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.02	3.8	ng	129946	1	6.81	681093	20.0
Ethanol, 2-(2-met...	6.05	4.3	ng	145532	1	6.81	681093	20.0
unknown6.58	6.58	76.4	ng	2600750	1	6.81	681093	20.0
Tetracosane	10.75	2.1	ng	68384	4	11.33	656280	20.0
n-Hexadecanoic acid	11.86	5.9	ng	192556	4	11.33	656280	20.0
5-Eicosene, (E)-	13.82	7.4	ng	324927	5	13.98	881549	20.0