LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041718\
Data File : BF104583.D
Acq On : 18 Apr 2018 1:01
Operator : JU/SJ
Sample : J2410-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-2

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	4.375	385	389	398	rBV	158355	182867	6.28%	0.798%
2	5.010	492	497	503	rBV	673421	755732	25.95%	3.296%
3	5.416	562	566	570	rBV	1554360	1488462	51.11%	6.492%
4	6.439	735	740	752	rVB	2380972	2486810	85.39%	10.846%
5	6.575	758	763	766	rBV	2078180	1919708	65.92%	8.373%
6	6.804	798	802	805	rBV	1023717	840489	28.86%	3.666%
7	6.957	824	828	832	rBV	2375576	2218678	76.18%	9.676%
8	7.369	890	898	901	rBV	1863159	1713167	58.82%	7.472%
9	8.086	1016	1020	1024	rBV	1325858	1076327	36.96%	4.694%
10	9.163	1198	1203	1206	rBV	3382877	2912327	100.00%	12.702%
11	9.557	1266	1270	1273	rBV	485795	386277	13.26%	1.685%
12	9.769	1301	1306	1310	rBV	77018	61037	2.10%	0.266%
13	9.845	1315	1319	1322	rBV	1125314	1063595	36.52%	4.639%
14	10.269	1388	1391	1394	rVB	109339	79875	2.74%	0.348%
15	10.486	1423	1428	1431	rBV	27886	35763	1.23%	0.156%
16	10.627	1449	1452	1459	rVB	584262	536719	18.43%	2.341%
17	10.739	1469	1471	1481	rVB	94849	101076	3.47%	0.441%
18	11.192	1545	1548	1550	rBV	44462	36641	1.26%	0.160%
19	11.327	1568	1571	1575	rBV	911386	858777	29.49%	3.745%
20	12.915	1837	1841	1845	rBV	2214131	2177145	74.76%	9.495%
21	13.392	1919	1922	1926	rVB	47930	42536	1.46%	0.186%
22	13.774	1982	1987	1990	rBV	97833	107628	3.70%	0.469%
23	13.809	1990	1993	2001	rVB	273424	271713	9.33%	1.185%
24	13.974	2017	2021	2029	rVB	915044	835254	28.68%	3.643%
25	14.104	2040	2043	2046	rBV	39511	36287	1.25%	0.158%
26	14.145	2046	2050	2052	rVV2	65058	61681	2.12%	0.269%
27	15.433	2264	2269	2278	rBV	439087	593147	20.37%	2.587%
28	15.933	2350	2354	2358	rBV5	32227	48971	1.68%	0.214%

Sum of corrected areas: 22928689

LSC Report - Integrated Chromatogram

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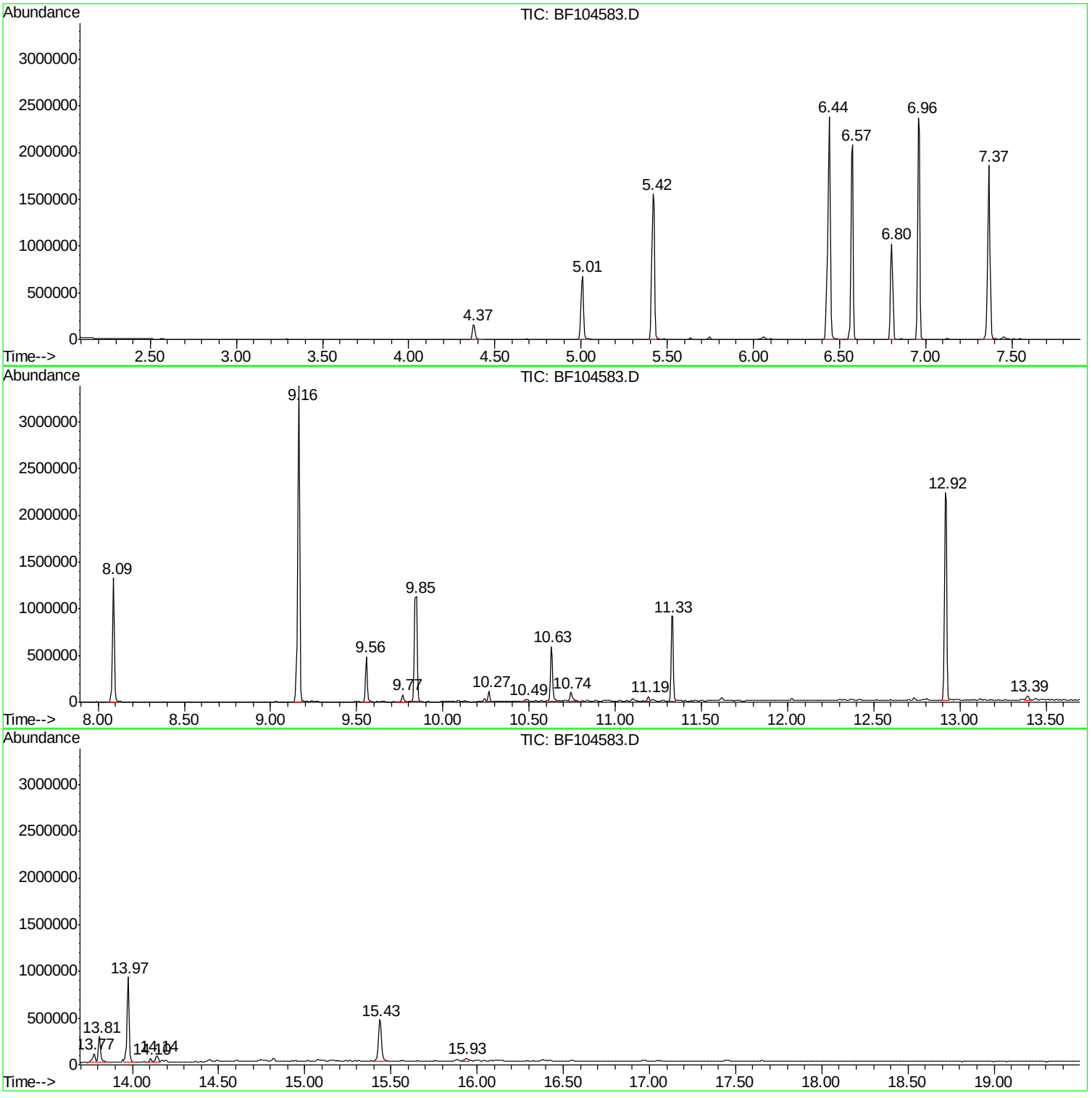
Instrument : BNA_F
ClientSampleId : T-2

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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TIC Library : C:\DATABASE\NIST11.L
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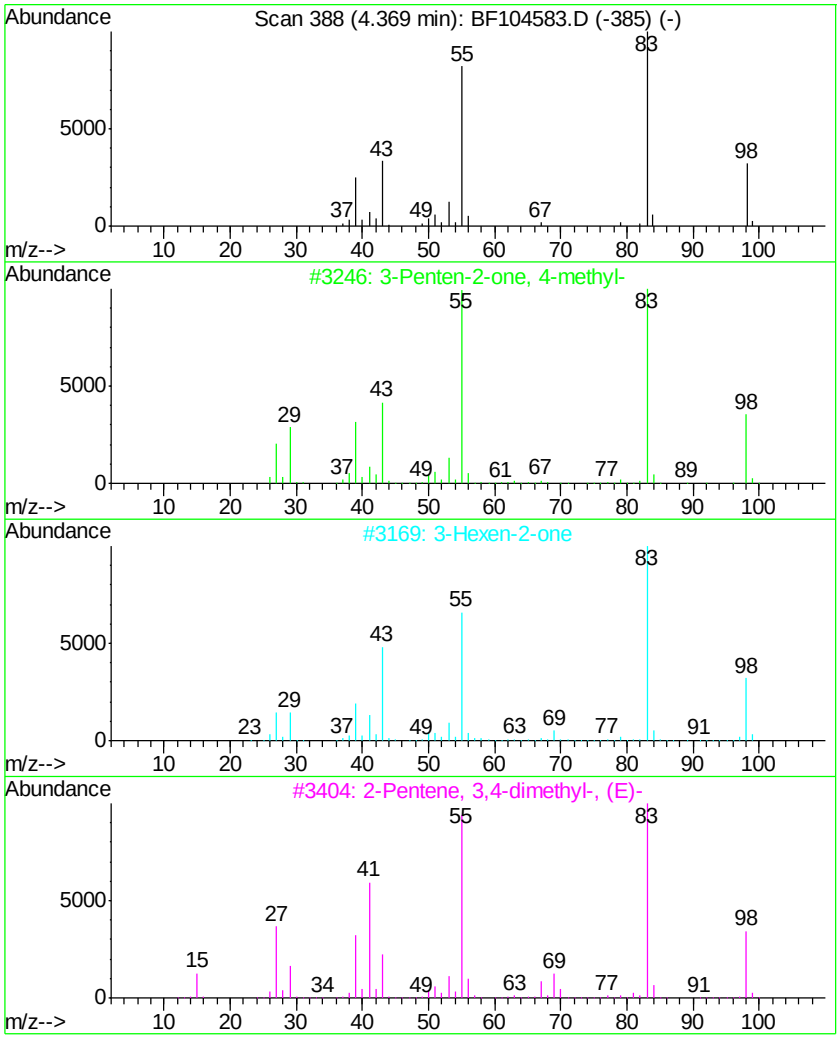
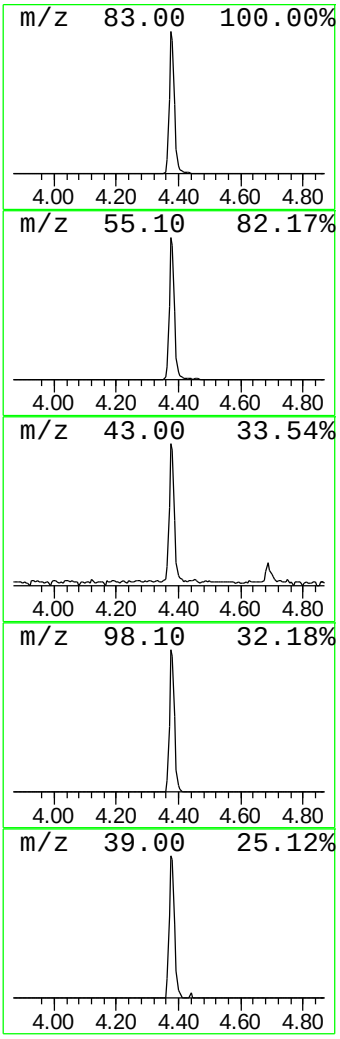
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	4.35 ng	182867	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80





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Misc :
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Instrument : BNA_F
ClientSampleId : T-2

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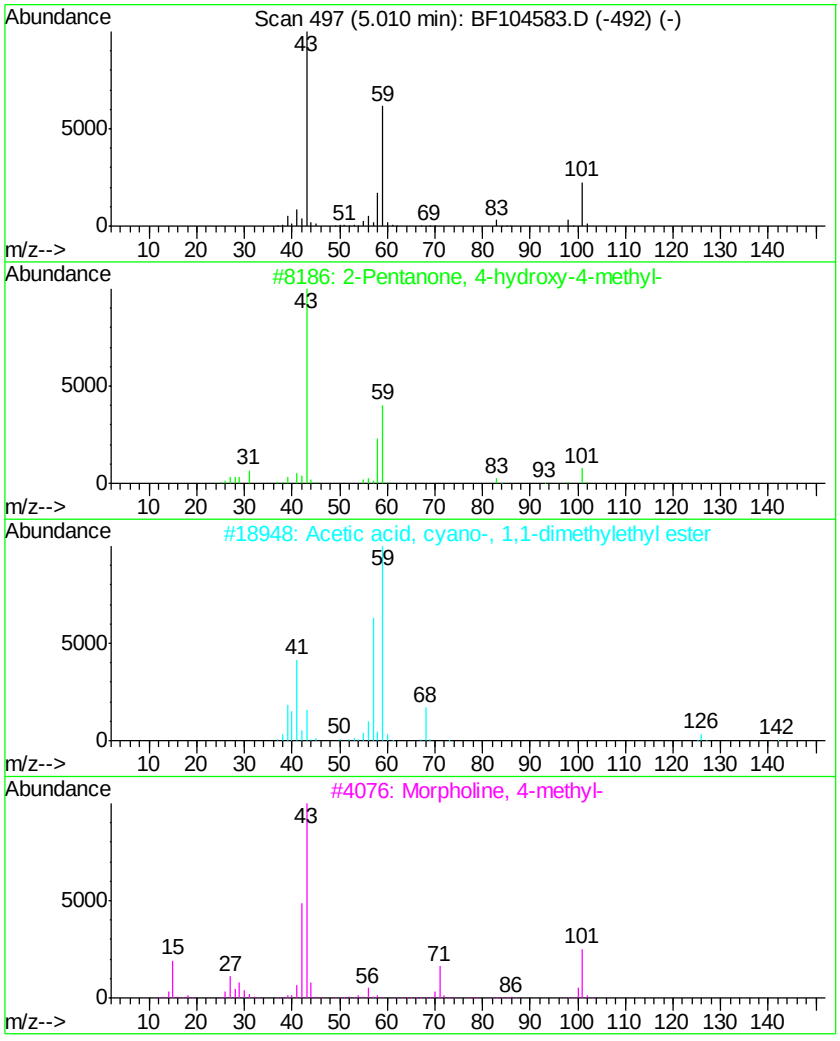
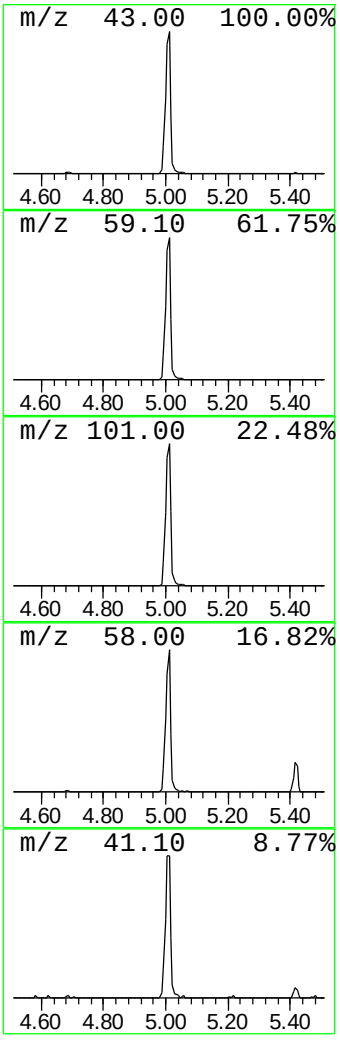
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	17.98 ng	755732	1,4-Dichlorobenzene-d4	6.80

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Operator : JU/SJ
Sample : J2410-01
Misc :
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Instrument : BNA_F
ClientSampleId : T-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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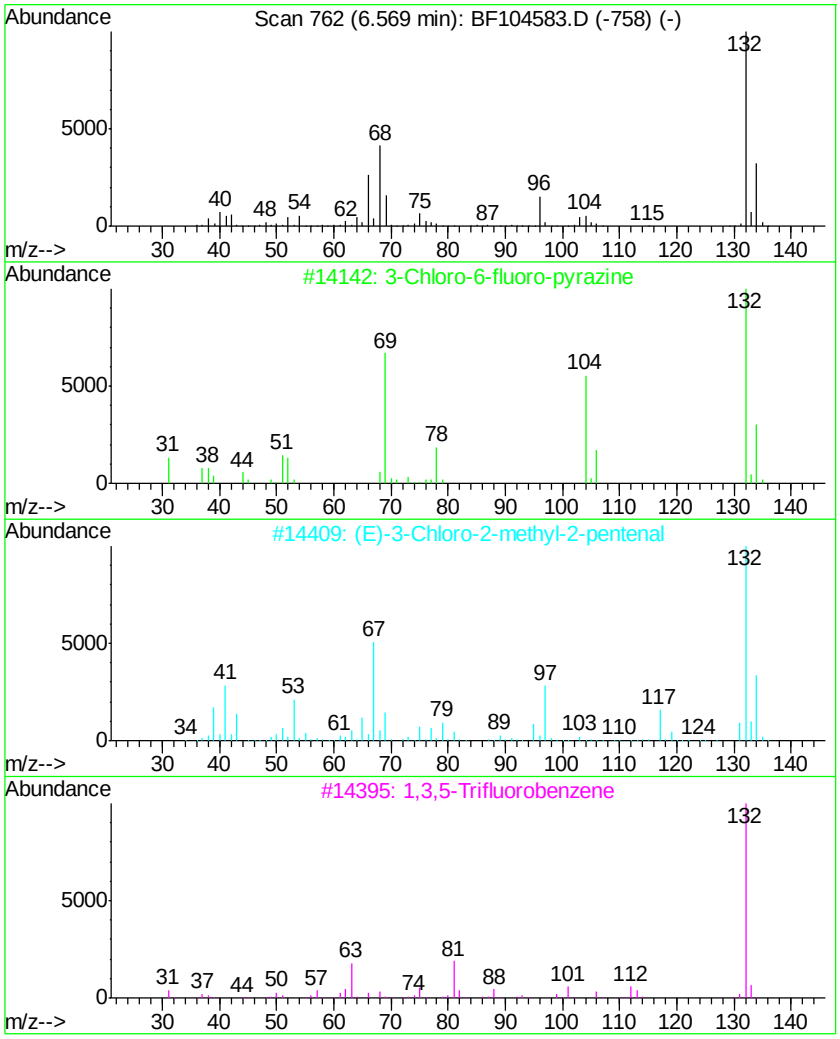
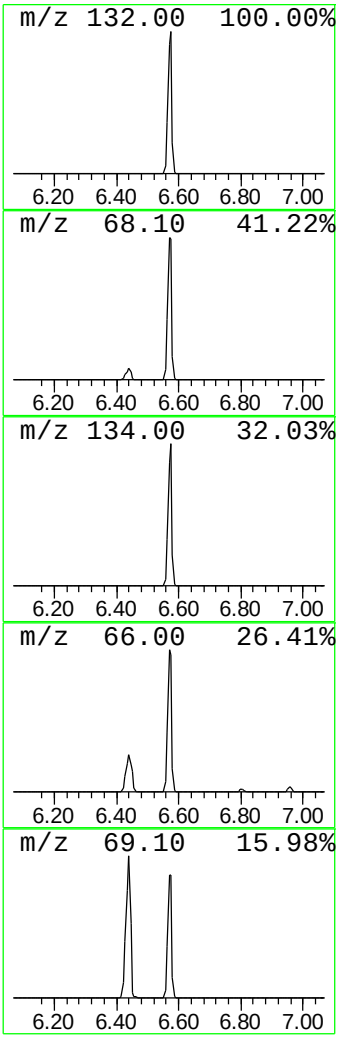
Peak Number 3 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	45.68 ng	1919710	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : T-2

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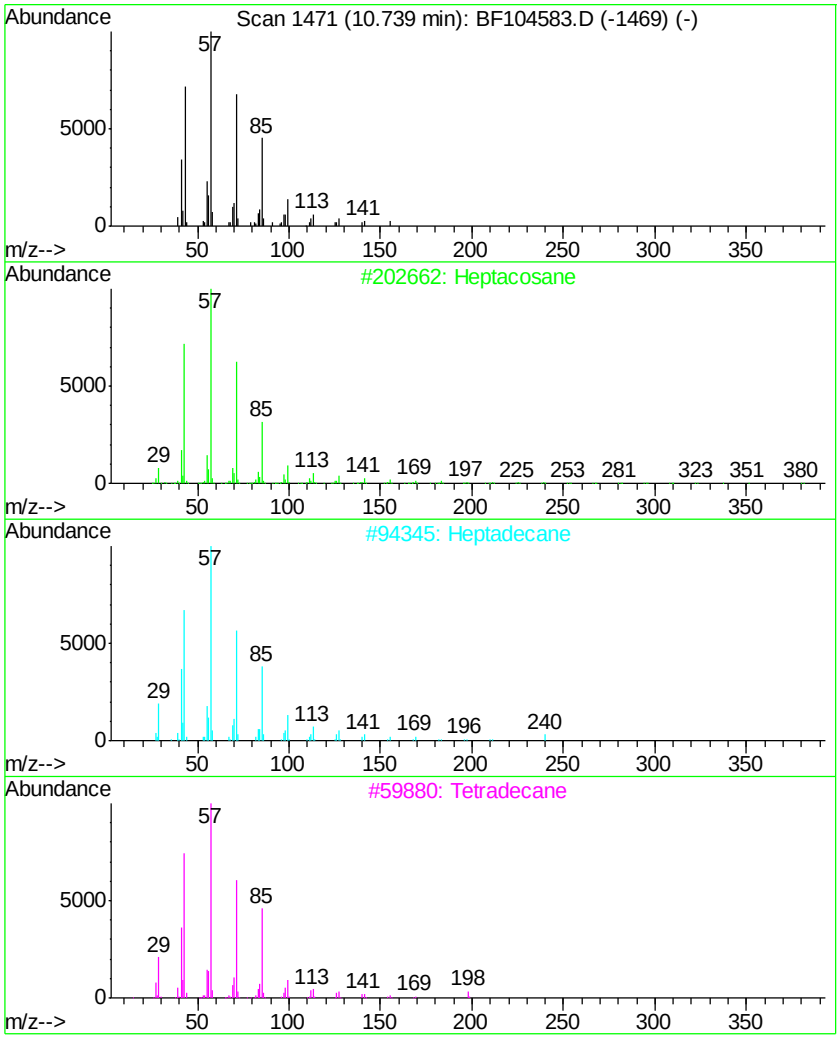
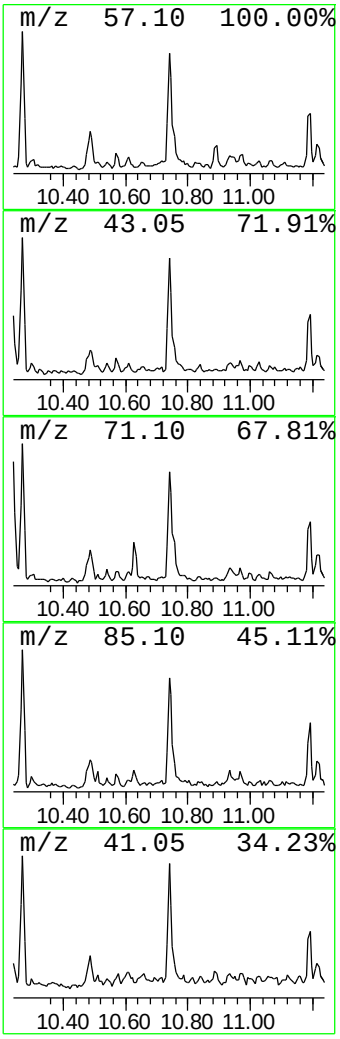
Peak Number 5 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.35 ng	101076	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Eicosane	282	C20H42	000112-95-8	87





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Misc :
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Instrument : BNA_F
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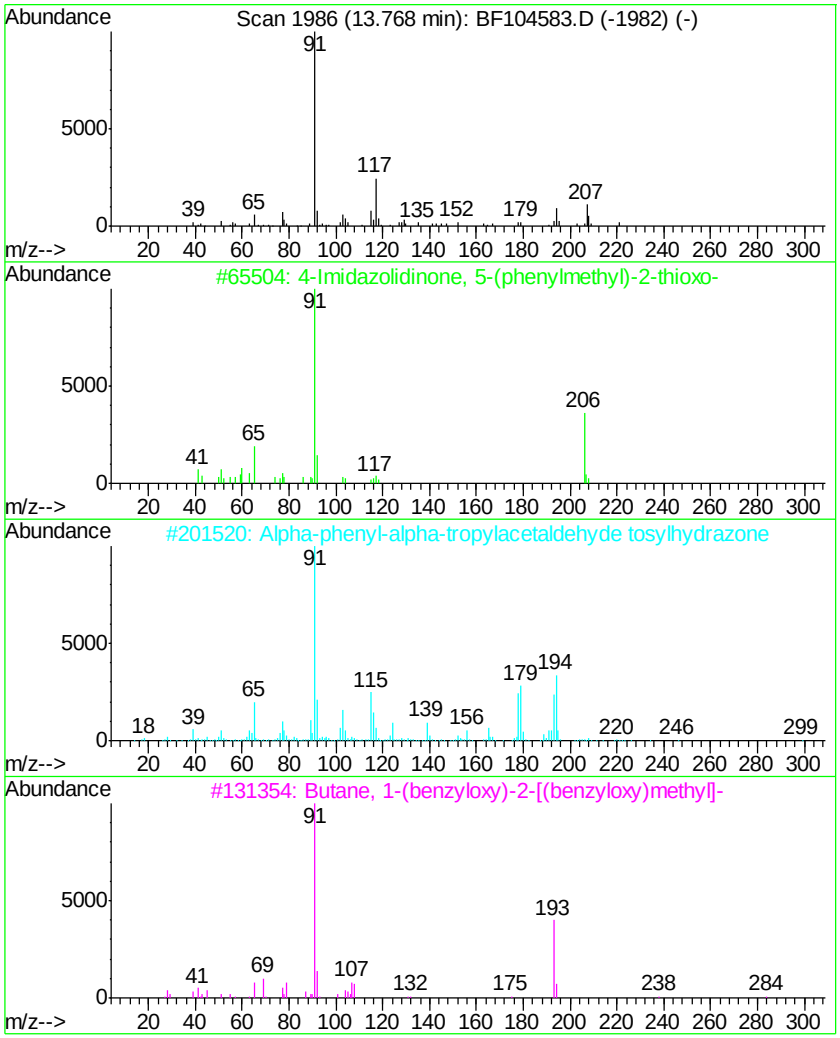
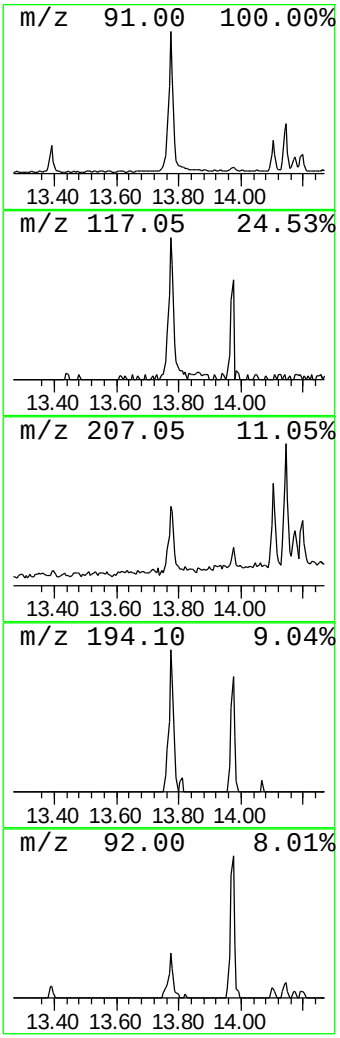
Peak Number 6 unknown13.77 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.58 ng	107628	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Imidazolidinone, 5-(phenylmeth...	206	C10H10N2OS	006330-09-2	17
2	Alpha-phenyl-alpha-tropylacetald...	378	C22H22N2O2S	022532-16-7	12
3	Butane, 1-(benzyloxy)-2-[(benzyl...	284	C19H24O2	033498-90-7	12
4	3-Phenylthiane,S-oxide	194	C11H14OS	058121-26-9	12
5	Propanedioic acid, [methyl(pheny...	279	C15H21NO4	001032-02-6	10





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Instrument : BNA_F
ClientSampleId : T-2

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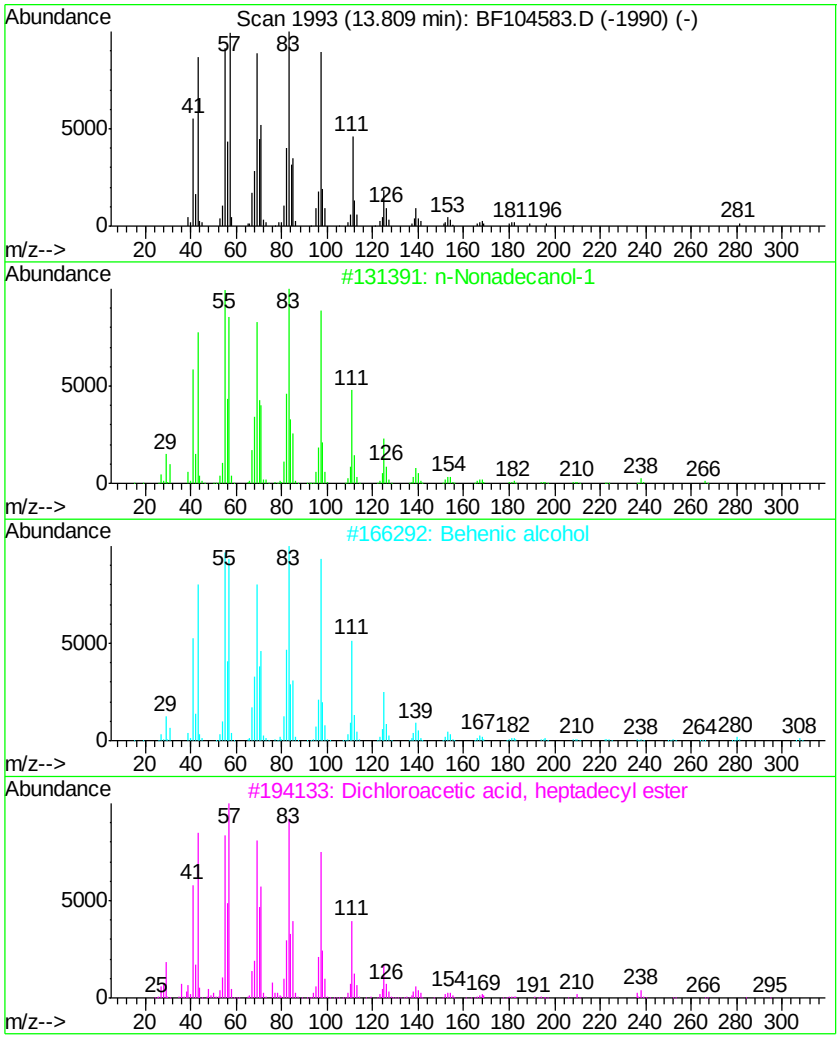
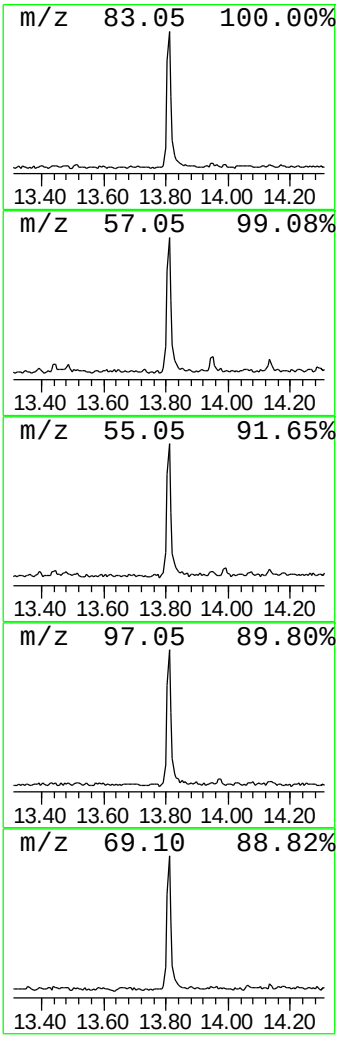
Peak Number 7 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.51 ng	271713	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.37	4.3	ng	182867	1	6.80	840489	20.0
2-Pentanone, 4-hy...	5.01	18.0	ng	755732	1	6.80	840489	20.0
unknown6.57	6.57	45.7	ng	1919710	1	6.80	840489	20.0
Heptacosane	10.74	2.4	ng	101076	4	11.33	858777	20.0
unknown13.77	13.77	2.6	ng	107628	5	13.97	835254	20.0
n-Nonadecanol-1	13.81	6.5	ng	271713	5	13.97	835254	20.0