LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102444.D
Acq On : 26 Jan 2018 00:39
Operator : SJ/JU
Sample : J1251-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W12-4(0-2)

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-BF012218.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	4.922	477	482	491	rVB	118080	170773	5.33%	0.670%
2	5.334	547	552	555	rBV	3005138	2875420	89.82%	11.289%
3	6.363	722	727	744	rBV	2759589	3201268	100.00%	12.568%
4	6.492	744	749	752	rBV	2965585	2984292	93.22%	11.716%
5	6.716	783	787	796	rBV	1026326	858648	26.82%	3.371%
6	6.875	809	814	817	rBV	2335493	2160363	67.48%	8.481%
7	7.287	879	884	887	rBV	1798901	1799069	56.20%	7.063%
8	7.998	1001	1005	1022	rBV	1300898	1136325	35.50%	4.461%
9	9.075	1183	1188	1191	rBV	3176005	2765377	86.38%	10.857%
10	9.469	1251	1255	1262	rBV	556053	527186	16.47%	2.070%
11	9.681	1288	1291	1295	rVB	94429	72953	2.28%	0.286%
12	9.751	1299	1303	1314	rBV2	1178428	1084702	33.88%	4.258%
13	10.181	1373	1376	1379	rVB	112423	85190	2.66%	0.334%
14	10.398	1408	1413	1419	rBV	33892	49271	1.54%	0.193%
15	10.539	1434	1437	1447	rVB	999442	1034925	32.33%	4.063%
16	10.651	1453	1456	1466	rVB	97948	100860	3.15%	0.396%
17	11.098	1530	1532	1534	rBV	62926	50924	1.59%	0.200%
18	11.239	1552	1556	1563	rBV	863623	842910	26.33%	3.309%
19	11.527	1602	1605	1609	rBV	37052	34274	1.07%	0.135%
20	12.822	1821	1825	1828	rBV	1922298	1723543	53.84%	6.766%
21	13.716	1974	1977	1985	rBV	261612	313868	9.80%	1.232%
22	13.874	2000	2004	2011	rBV	797272	806537	25.19%	3.166%
23	13.969	2017	2020	2023	rBV2	88795	85052	2.66%	0.334%
24	15.304	2243	2247	2256	rBV	518130	708004	22.12%	2.780%

Sum of corrected areas: 25471734

LSC Report - Integrated Chromatogram

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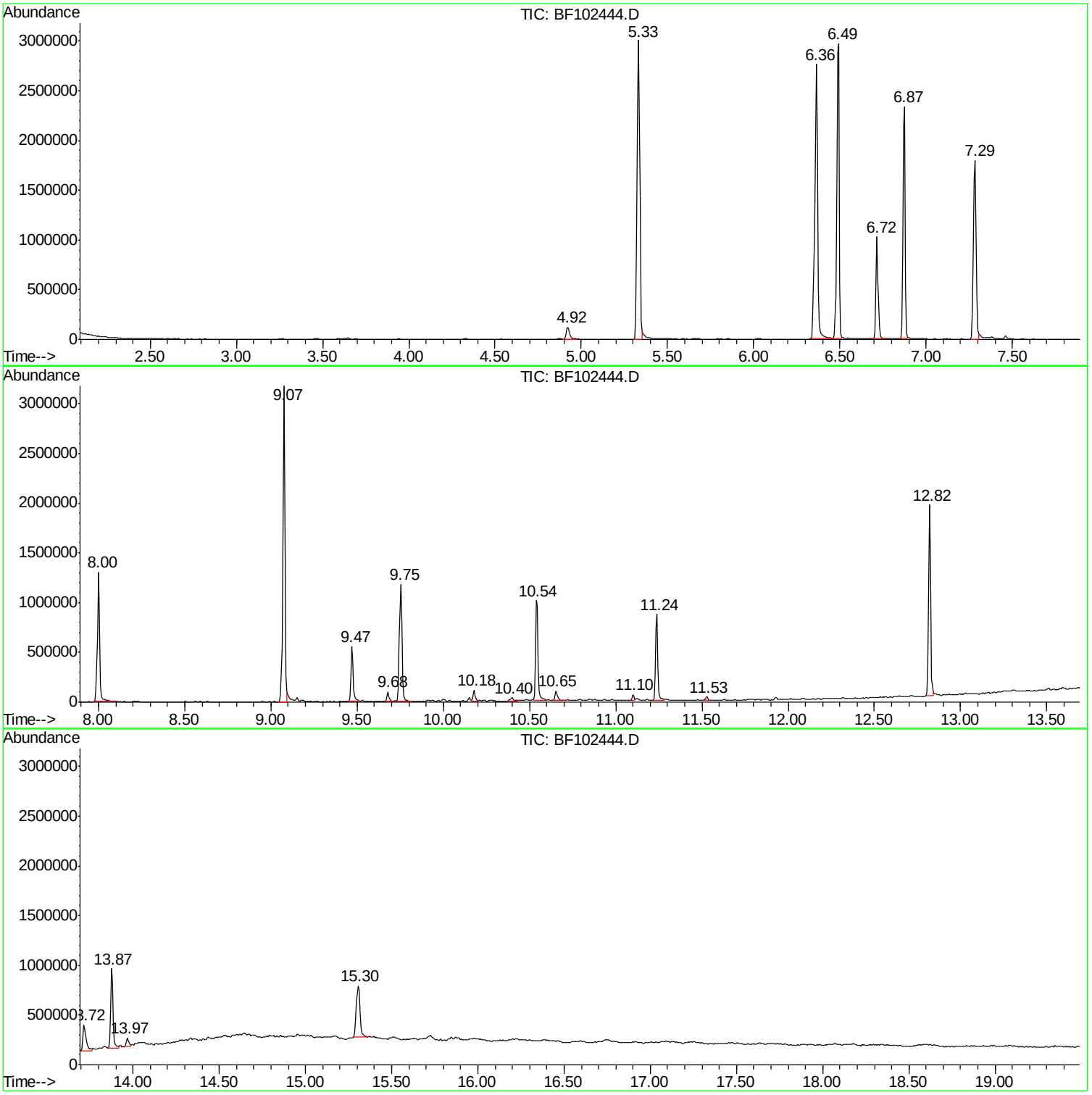
Instrument : BNA_F
ClientSampleId : W12-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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 Integration Parameters: LSCINT.P

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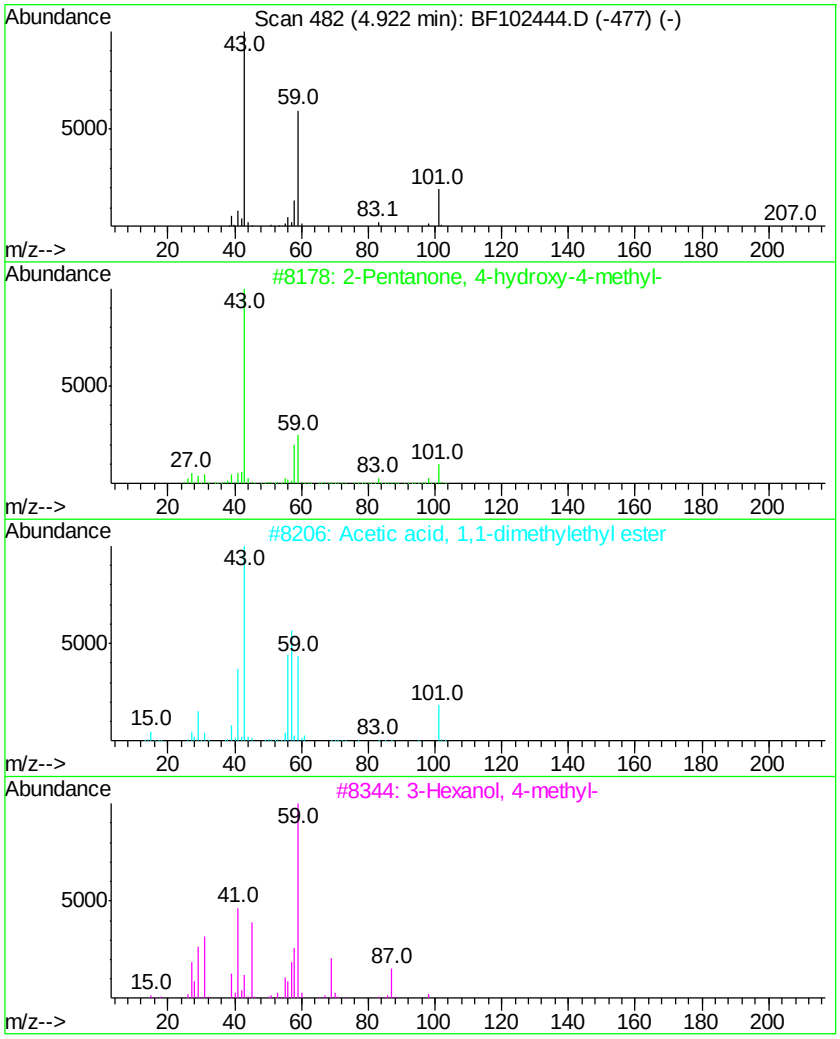
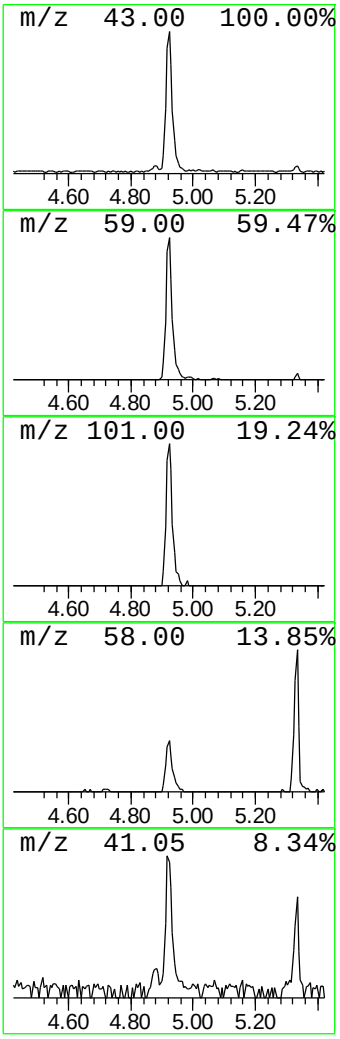
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.98 ng	170773	1,4-Dichlorobenzene-d4	6.72

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





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Instrument : BNA_F
ClientSampleId : W12-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
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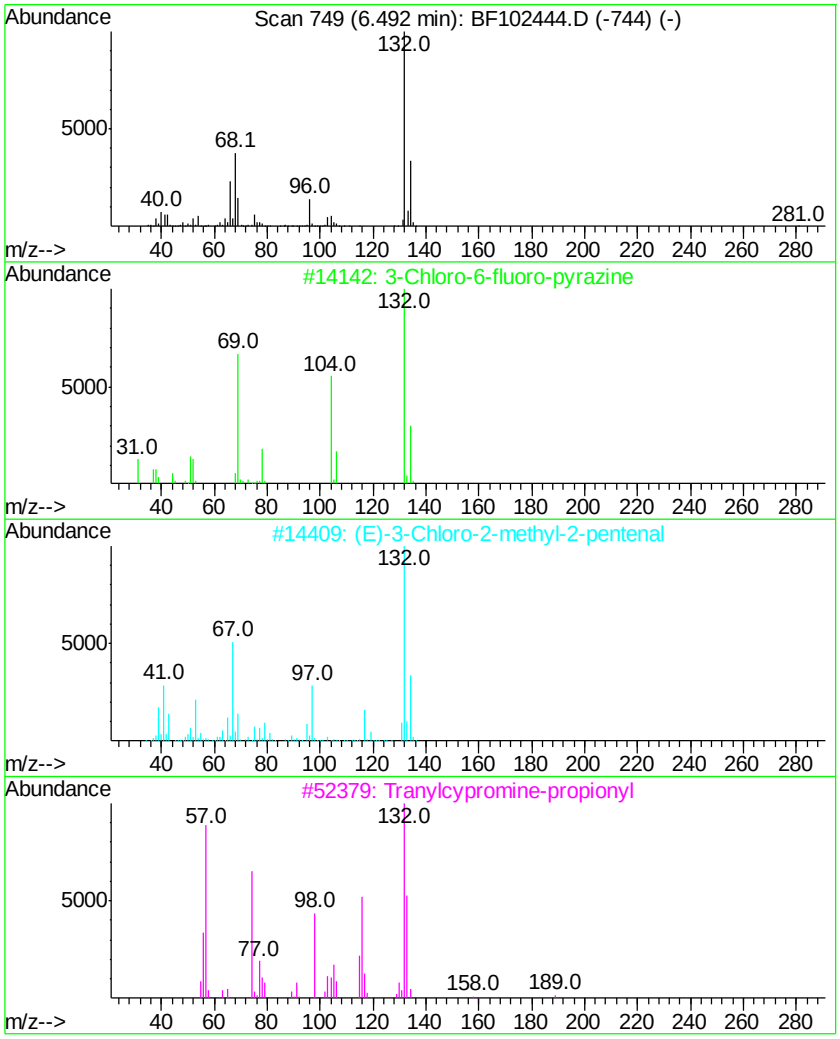
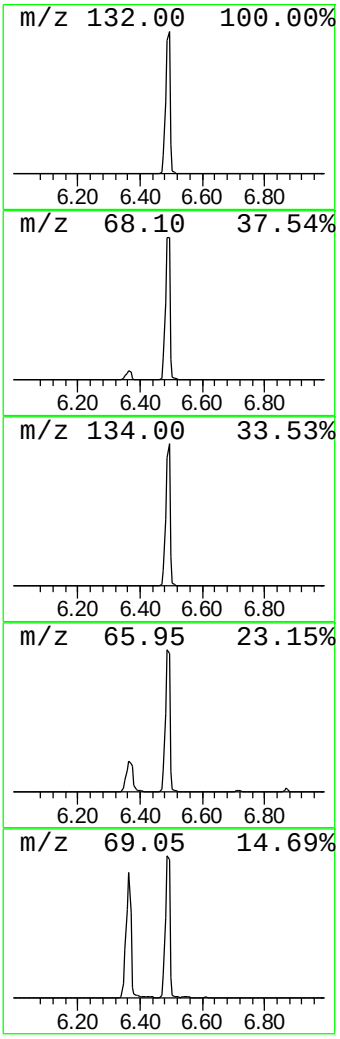
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	69.51 ng	2984290	1,4-Dichlorobenzene-d4	6.72

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : J1251-07
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Instrument : BNA_F
ClientSampleId : W12-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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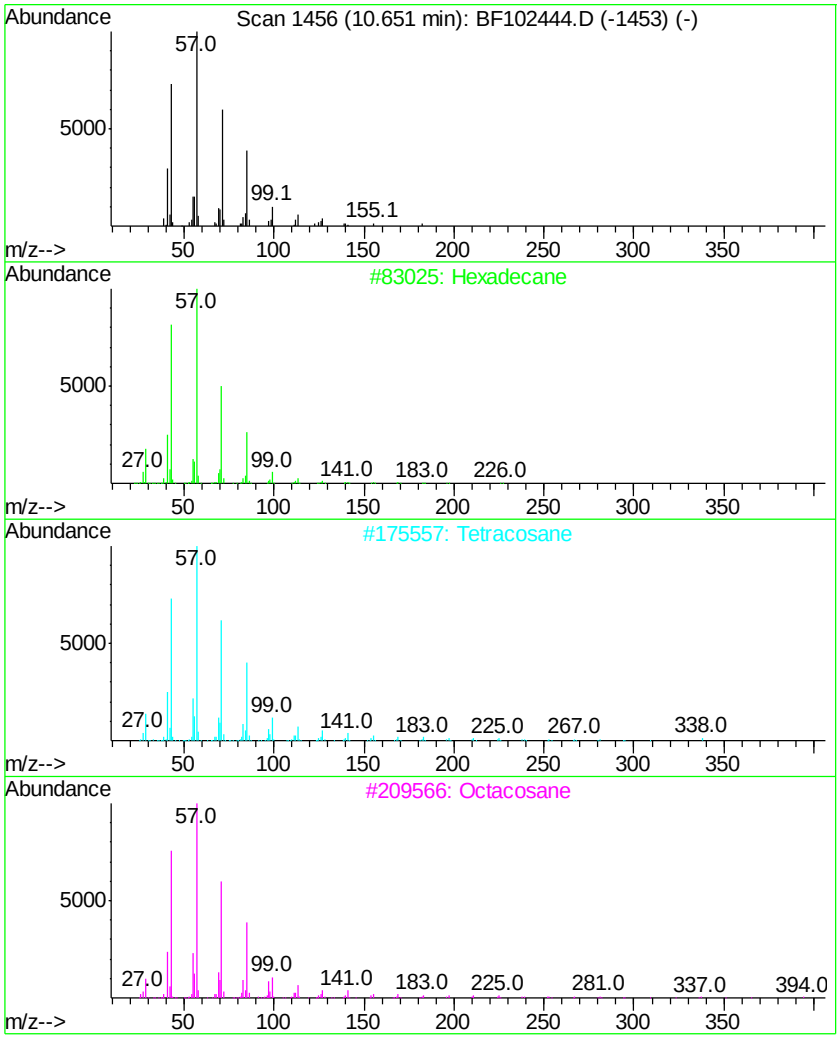
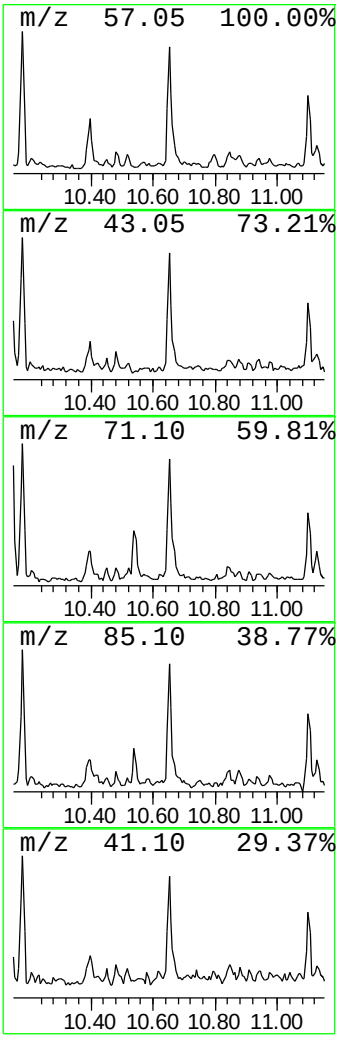
Peak Number 4 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.39 ng	100860	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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Misc :
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Instrument : BNA_F
ClientSampleId : W12-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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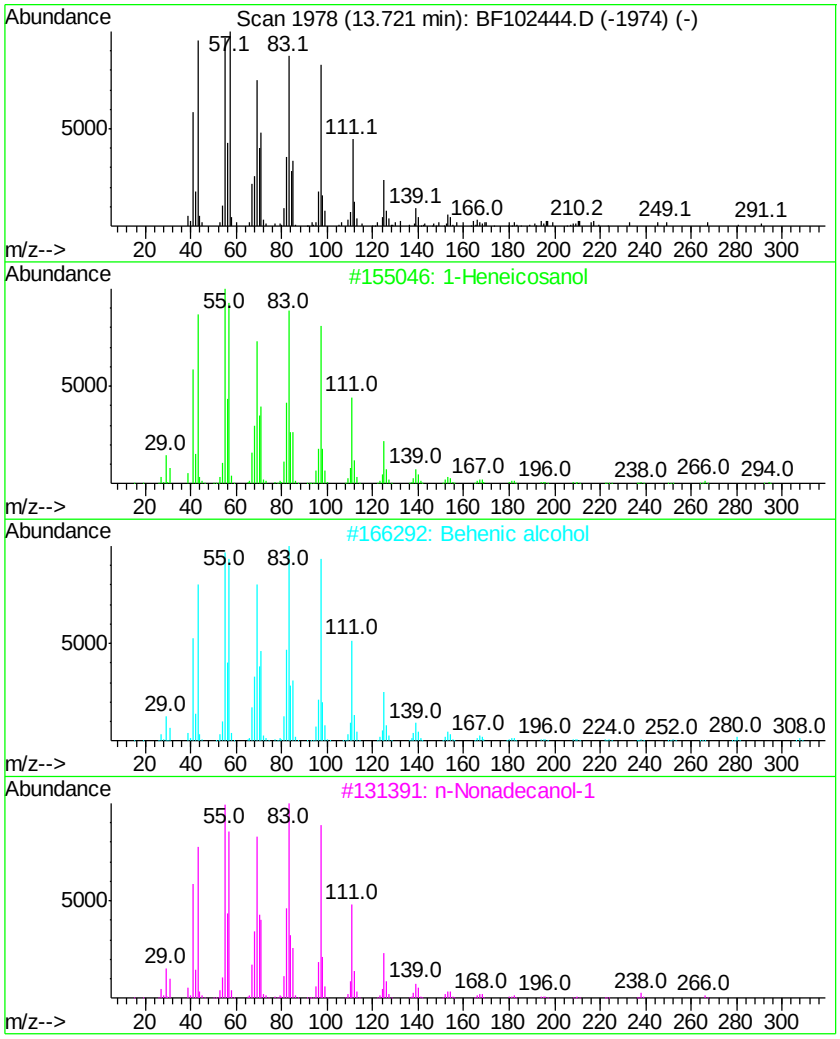
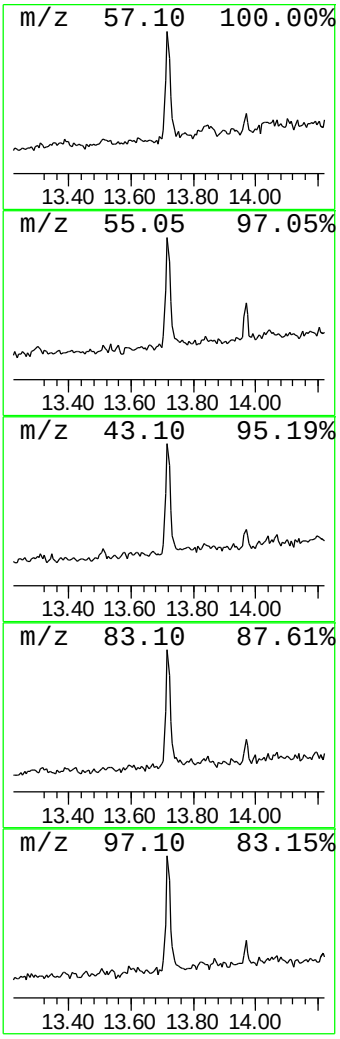
Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	7.78 ng	313868	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	Behenic alcohol	326	C22H46O	000661-19-8	87
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





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Sample : J1251-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W12-4(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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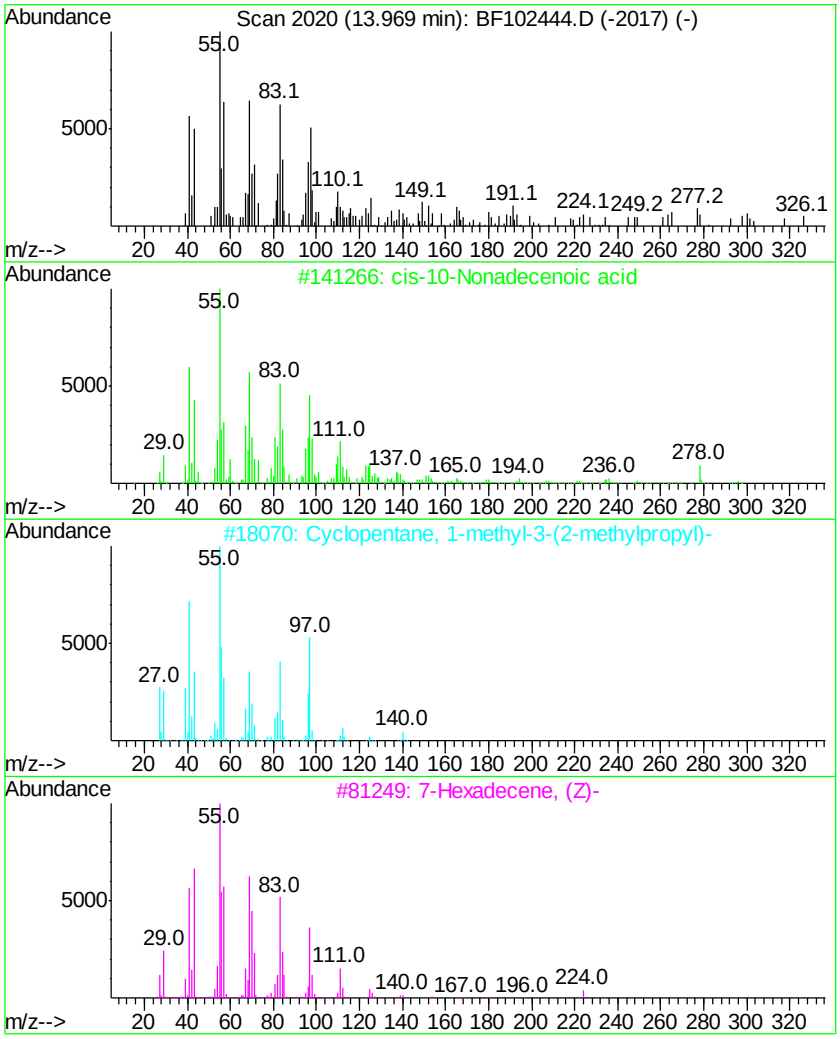
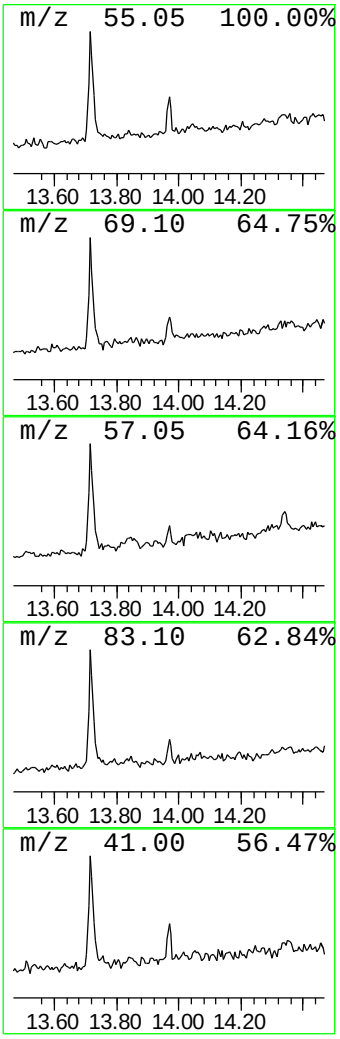
Peak Number 6 cis-10-Nonadecenoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.11 ng	85052	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	74
2	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	70
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	62
4	1-Decene	140	C10H20	000872-05-9	58
5	Cetene	224	C16H32	000629-73-2	58





Tentatively Identified Compound (LSC) summary

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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...	4.92	4.0	ng	170773	1	6.72	858648	20.0
unknown6.49	6.49	69.5	ng	2984290	1	6.72	858648	20.0
Hexadecane	10.65	2.4	ng	100860	4	11.24	842910	20.0
1-Heneicosanol	13.72	7.8	ng	313868	5	13.87	806537	20.0
cis-10-Nonadeceno...	13.97	2.1	ng	85052	5	13.87	806537	20.0