LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013018\
Data File : BF102657.D
Acq On : 30 Jan 2018 23:18
Operator : SJ/JU
Sample : J1353-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-5(90-92)

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	478	482	495	rBV	107922	152961	3.87%	0.503%
2	5.334	548	552	573	rBV	3645191	3894330	98.51%	12.796%
3	6.363	723	727	744	rBV	3304096	3953415	100.00%	12.990%
4	6.487	744	748	751	rBV	4048743	3790071	95.87%	12.453%
5	6.710	783	786	795	rBV	1026342	915017	23.14%	3.007%
6	6.869	809	813	816	rBV	3383009	3018260	76.35%	9.917%
7	7.281	879	883	902	rBV	2249256	2420577	61.23%	7.954%
8	7.992	1001	1004	1024	rVB	959569	1037604	26.25%	3.409%
9	9.069	1183	1187	1198	rBV	3404745	3367277	85.17%	11.064%
10	9.469	1250	1255	1262	rBV	217569	254600	6.44%	0.837%
11	9.675	1286	1290	1294	rBV	82256	73500	1.86%	0.242%
12	9.745	1298	1302	1312	rVB	945430	907089	22.94%	2.981%
13	10.169	1372	1374	1377	rVB	102365	78747	1.99%	0.259%
14	10.539	1433	1437	1448	rBV	1279707	1360081	34.40%	4.469%
15	10.645	1452	1455	1463	rVB	86077	98935	2.50%	0.325%
16	11.233	1551	1555	1573	rBV	686677	719978	18.21%	2.366%
17	12.633	1789	1793	1797	rBV	85843	73532	1.86%	0.242%
18	12.816	1820	1824	1828	rBV	2231749	2163725	54.73%	7.110%
19	13.339	1910	1913	1916	rBV	56694	46280	1.17%	0.152%
20	13.704	1972	1975	1984	rBV	241727	342875	8.67%	1.127%
21	13.874	2000	2004	2011	rBV	753441	806314	20.40%	2.649%
22	14.698	2140	2144	2147	rVB	221291	219290	5.55%	0.721%
23	15.309	2243	2248	2255	rBV	520533	699564	17.70%	2.299%
24	15.704	2313	2315	2319	rVB3	33139	40063	1.01%	0.132%

Sum of corrected areas: 30434085

LSC Report - Integrated Chromatogram

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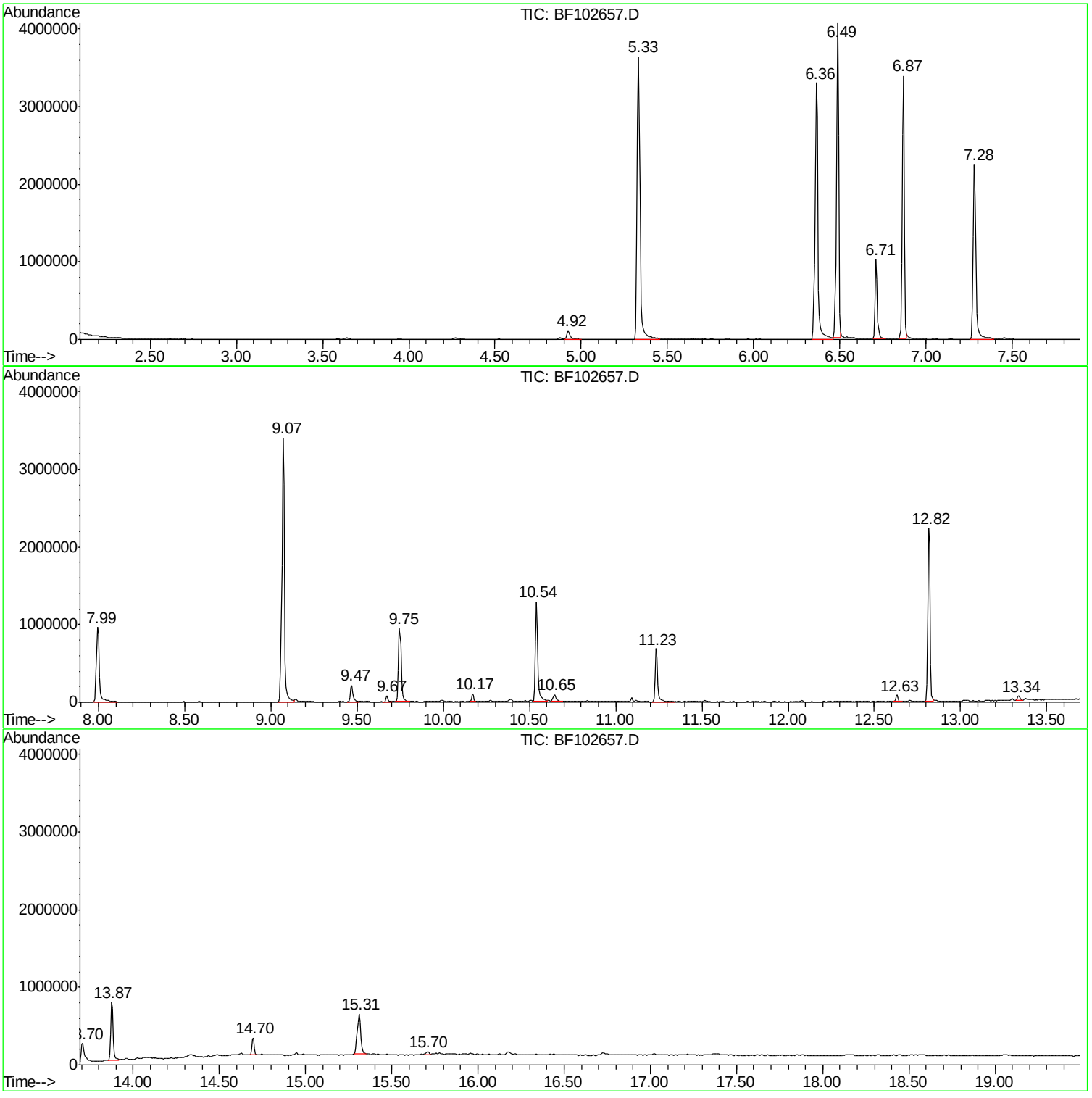
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-106-5(90-92)

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



Library Search Compound Report

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BNA_F
ClientSampleId :
EPE-106-5(90-92)

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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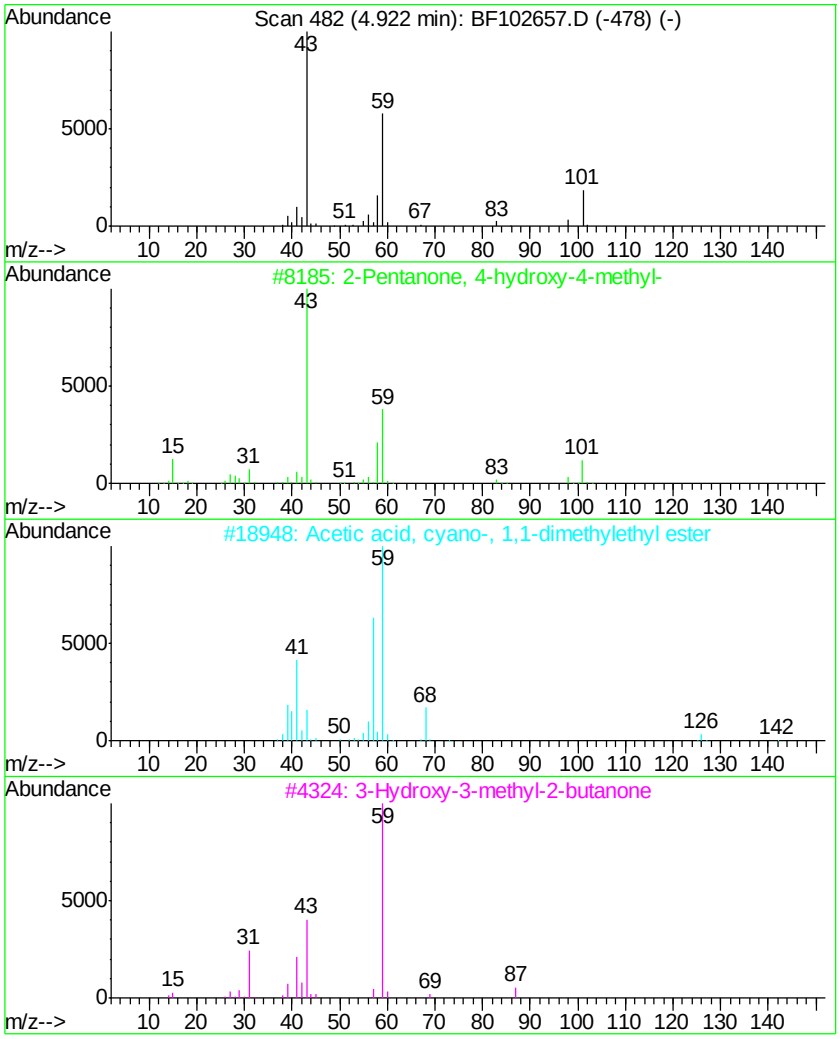
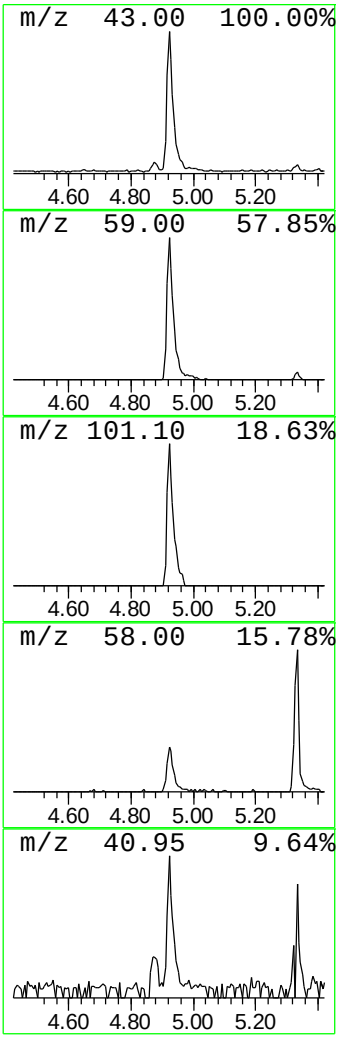
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.34 ng	152961	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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





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ClientSampleId : EPE-106-5(90-92)

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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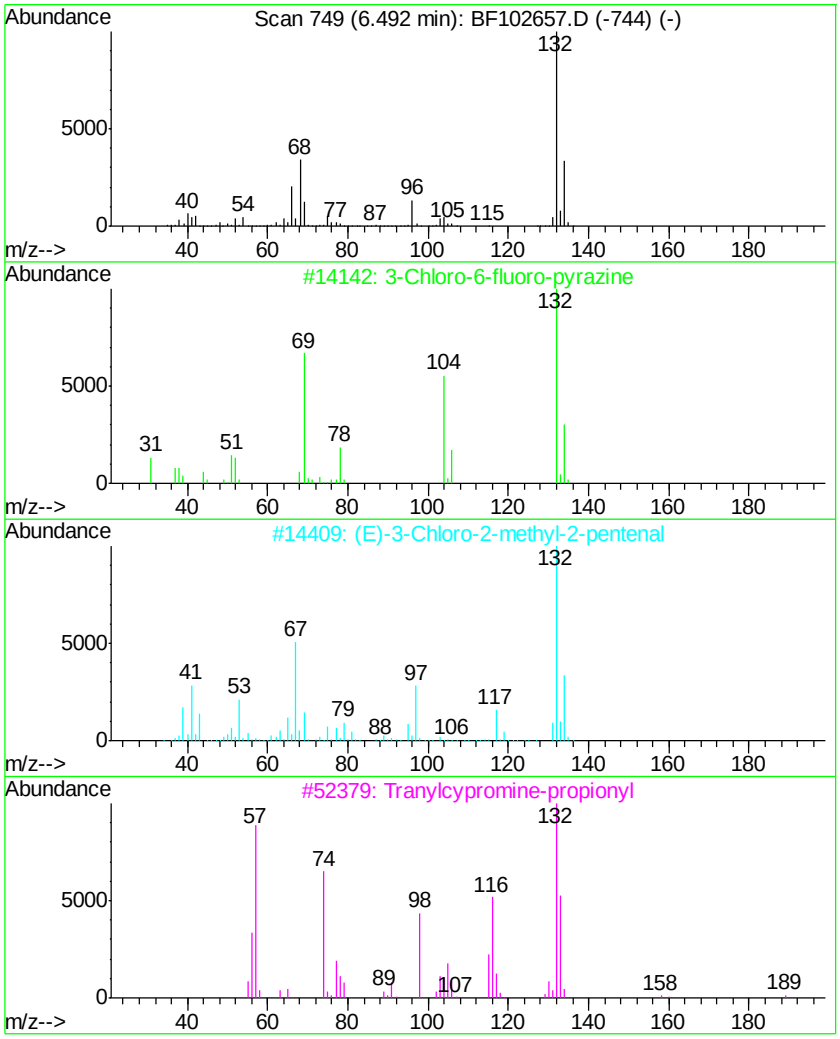
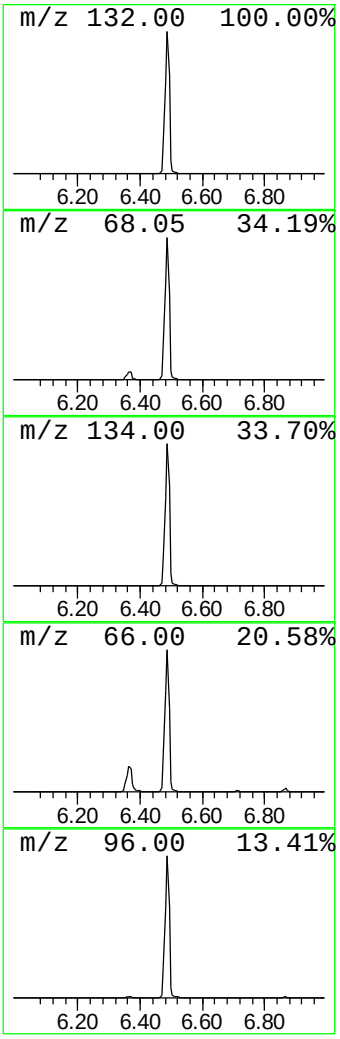
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	82.84 ng	3790070	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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : EPE-106-5(90-92)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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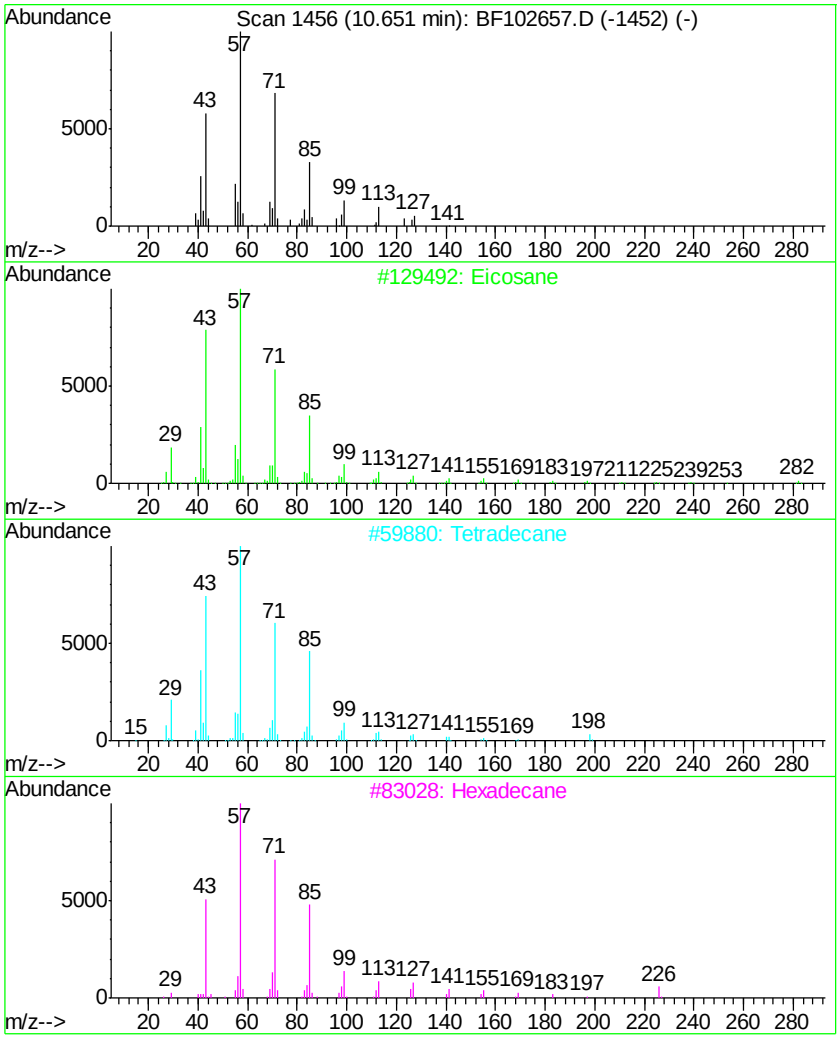
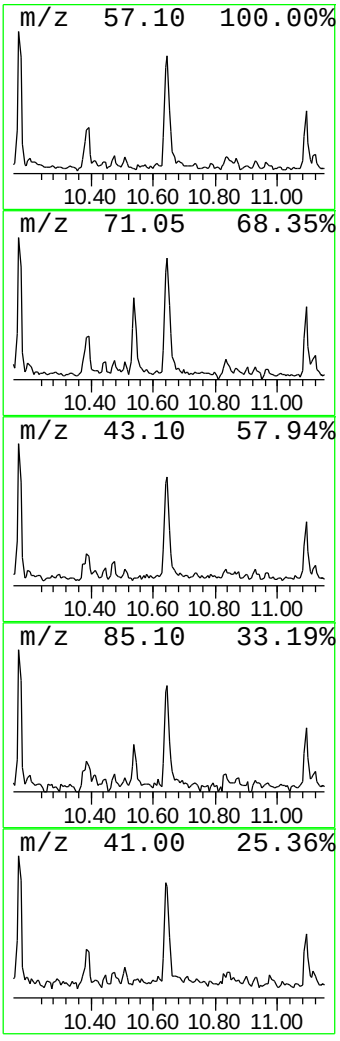
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.75 ng	98935	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Heptadecane	240	C17H36	000629-78-7	78





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Instrument : BNA_F
ClientSampleId : EPE-106-5(90-92)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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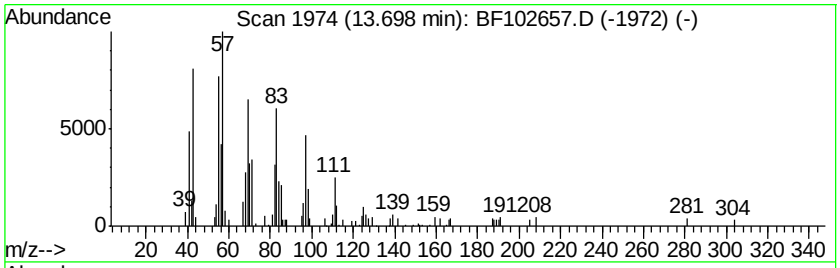
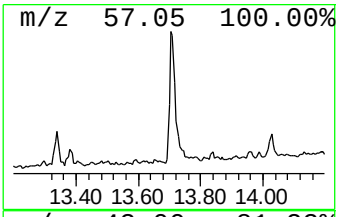
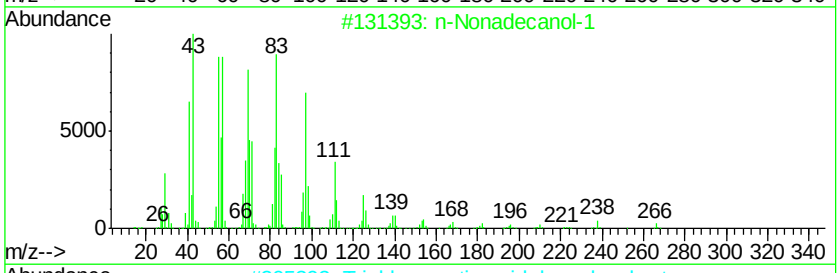
Peak Number 5 n-Nonadecanol-1 Concentration Rank 3

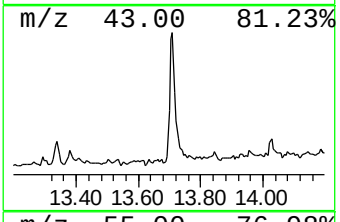
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	8.50 ng	342875	Chrysene-d12	13.87

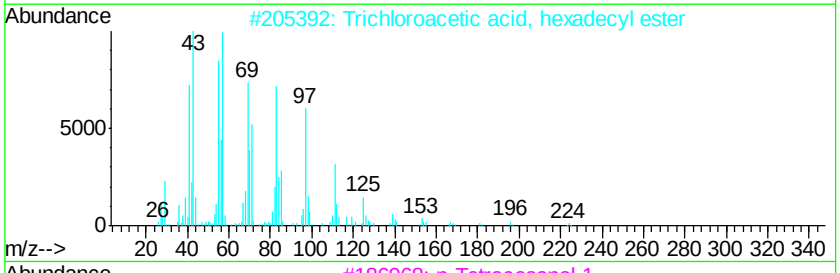
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Octadecanol	270	C18H38O	000112-92-5	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93

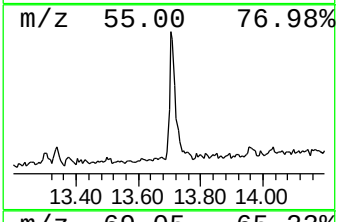


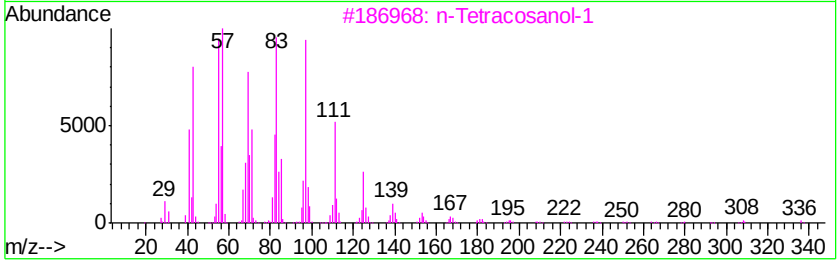


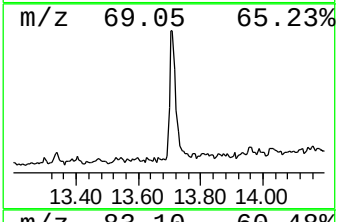


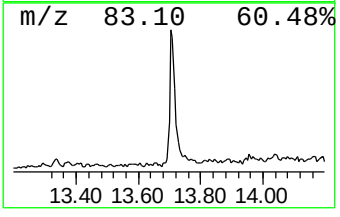












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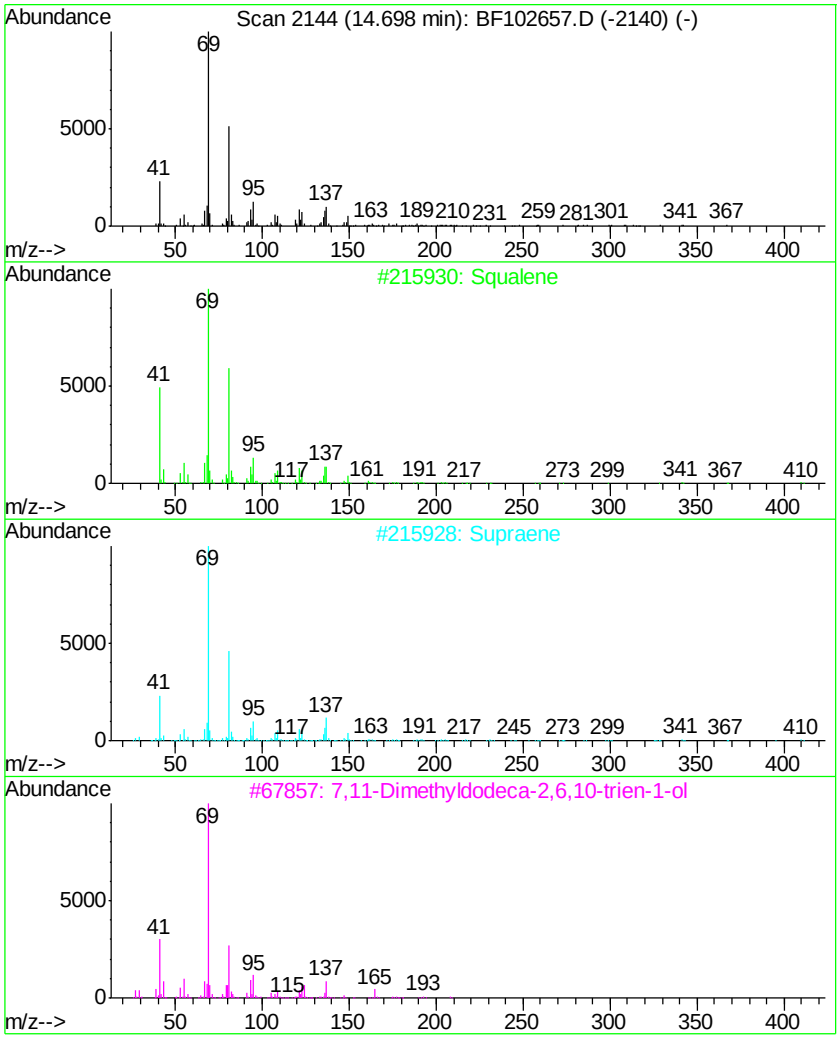
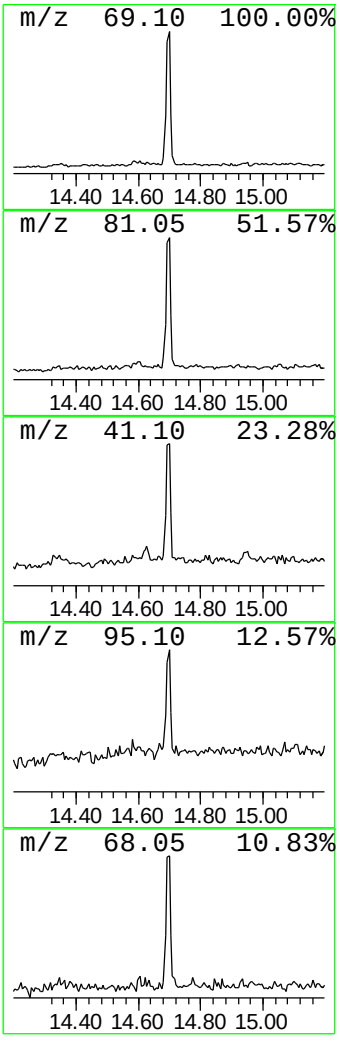
****

Peak Number 6 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	6.27 ng	219290	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78
5	4-Oxo-.beta.-damascone	206	C13H18O2	053398-08-6	72





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
2-Pentanone, 4-hy...	4.92	3.3	ng	152961	1	6.71	915017	20.0
unknown6.49	6.49	82.8	ng	3790070	1	6.71	915017	20.0
Eicosane	10.65	2.8	ng	98935	4	11.23	719978	20.0
n-Nonadecanol-1	13.70	8.5	ng	342875	5	13.87	806314	20.0
Squalene	14.70	6.3	ng	219290	6	15.31	699564	20.0