LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080641.D
Acq On : 24 Jul 2015 22:47
Operator : TP/UM
Sample : G3087-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM-WEST2-072315

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-BF072415.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	4.441	204	206	210	rVB	23237	30941	1.79%	0.199%
2	5.093	260	263	265	rBV	729297	831845	48.23%	5.363%
3	5.504	297	299	302	rBV	1276938	1397656	81.04%	9.010%
4	5.927	334	336	339	rVB	59379	60797	3.53%	0.392%
5	6.544	387	390	392	rBV	1863139	1640293	95.10%	10.574%
6	6.693	401	403	405	rBV	1765170	1540821	89.34%	9.933%
7	6.933	421	424	426	rVB	398267	368369	21.36%	2.375%
8	7.082	435	437	440	rVB	945427	1026691	59.53%	6.619%
9	7.493	470	473	475	rBV	932175	900041	52.18%	5.802%
10	8.213	534	536	539	rBV	455653	458527	26.59%	2.956%
11	9.299	628	631	633	rBV	1145260	1512596	87.70%	9.751%
12	9.688	663	665	667	rBV	394647	315541	18.30%	2.034%
13	9.973	688	690	692	rVB	687673	557020	32.30%	3.591%
14	10.408	727	728	730	rVB	24672	18314	1.06%	0.118%
15	10.762	756	759	761	rBV2	866231	1073798	62.26%	6.922%
16	10.888	768	770	776	rBV2	15908	31162	1.81%	0.201%
17	11.333	807	809	810	rBV	26600	20887	1.21%	0.135%
18	11.459	818	820	822	rBV	701664	574642	33.32%	3.704%
19	11.688	838	840	844	rBV	29748	45727	2.65%	0.295%
20	11.756	844	846	849	rVV	21873	19120	1.11%	0.123%
21	11.985	865	866	871	rBV2	28566	31128	1.80%	0.201%
22	12.248	887	889	891	rBV	127352	101881	5.91%	0.657%
23	13.071	958	961	963	rBV	1431287	1724729	100.00%	11.119%
24	13.585	1003	1006	1011	rBV	27643	35271	2.05%	0.227%
25	14.077	1046	1049	1052	rBV2	31487	54061	3.13%	0.349%
26	14.225	1059	1062	1065	rBV	602927	581654	33.72%	3.750%
27	15.288	1152	1155	1157	rVB	63635	66064	3.83%	0.426%
28	15.882	1204	1207	1210	rBV	396928	492481	28.55%	3.175%

Sum of corrected areas: 15512057

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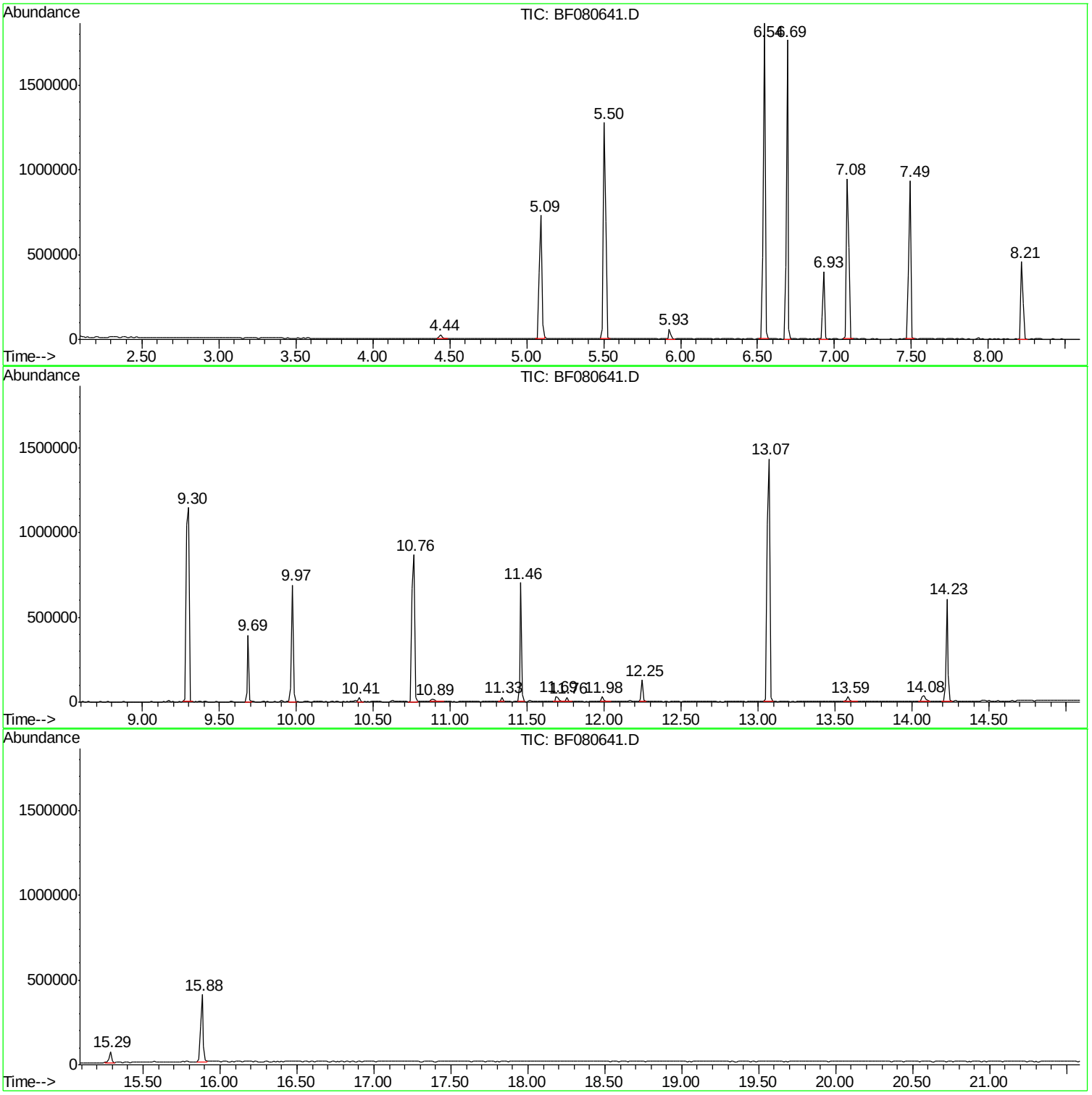
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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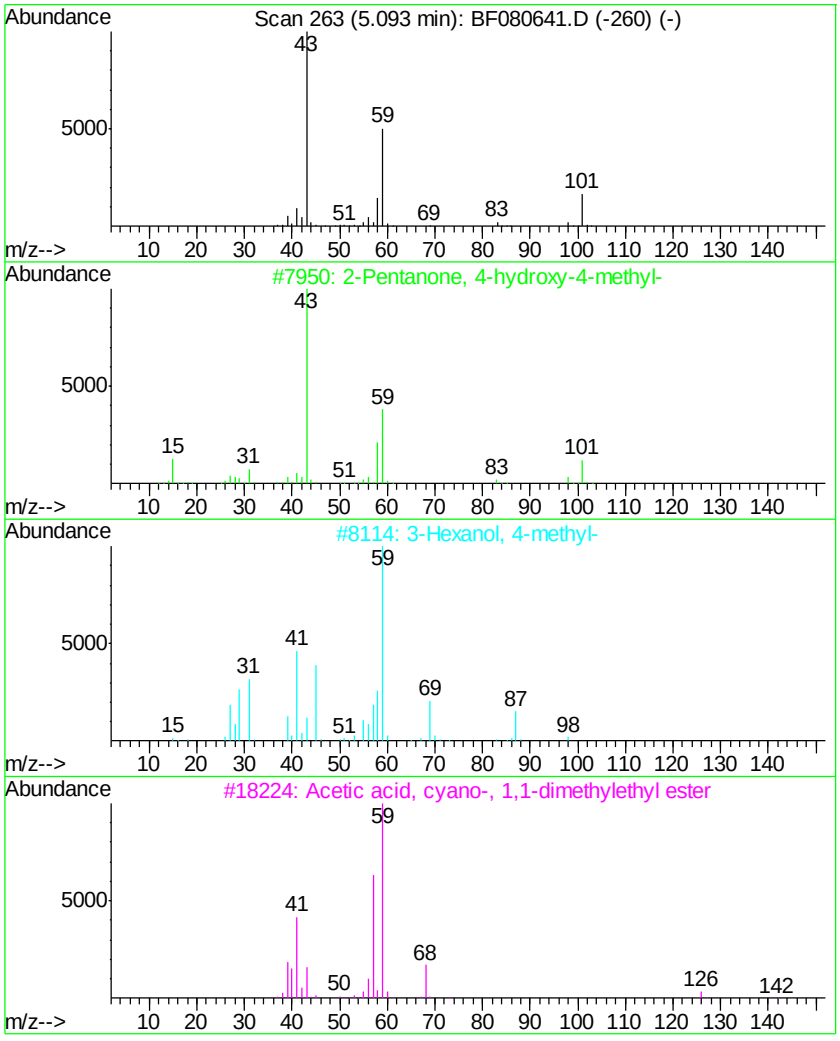
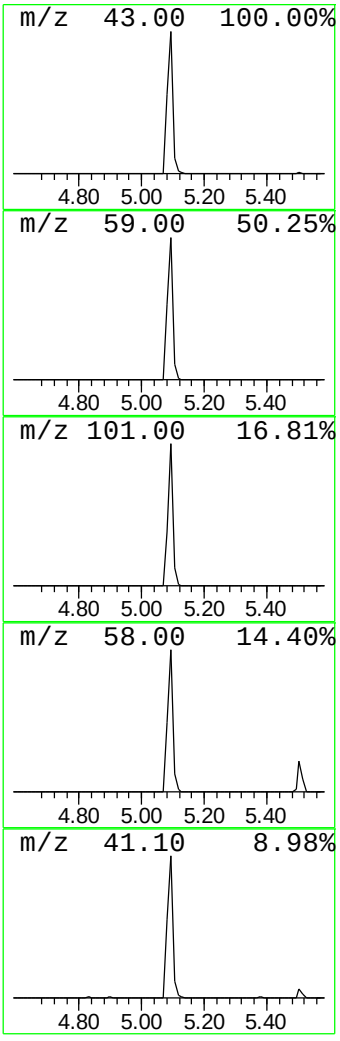
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	45.16 ng	831845	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
ClientSampleId : BOTTOM-WEST2-072315

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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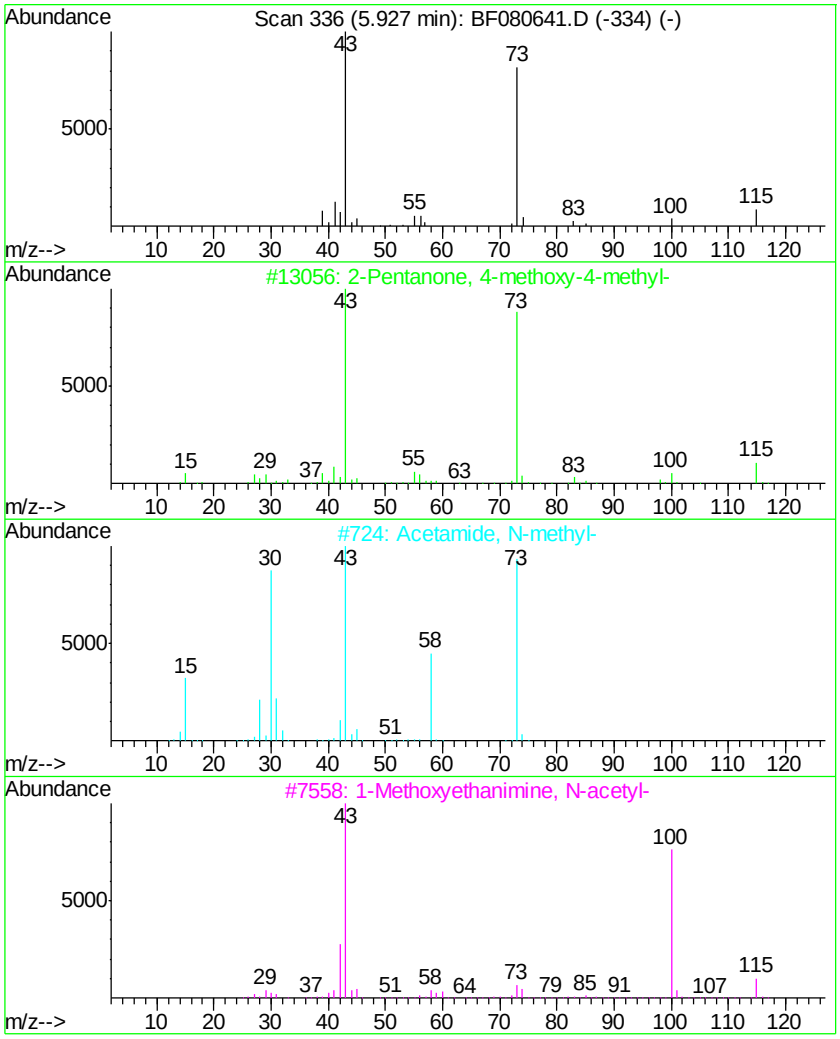
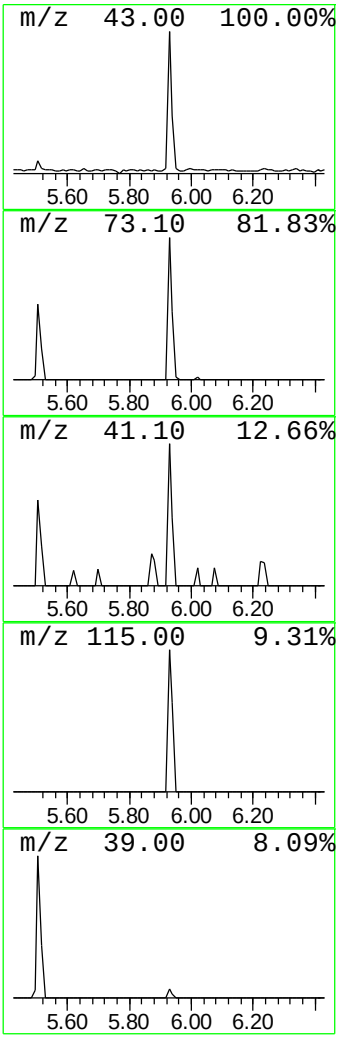
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.30 ng	60797	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	43
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	9





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ClientSampleId :
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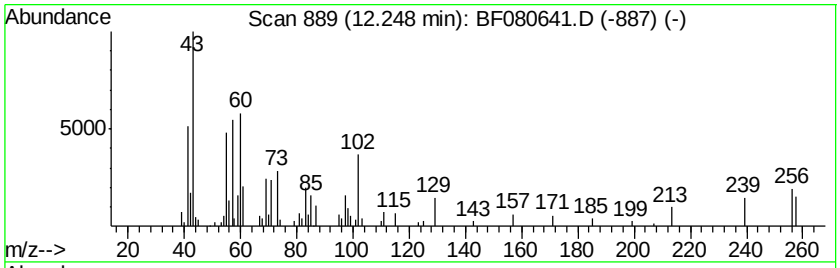
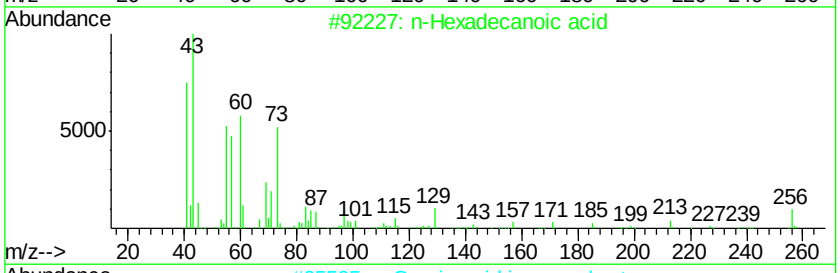
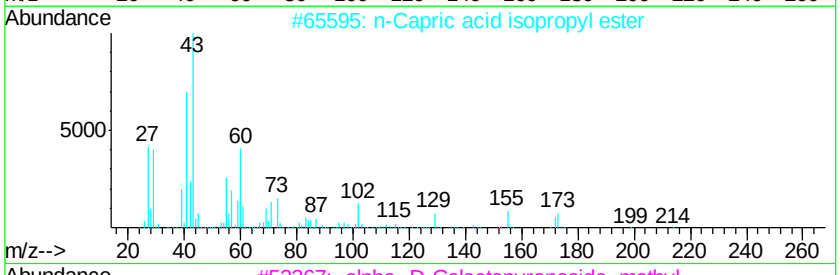
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

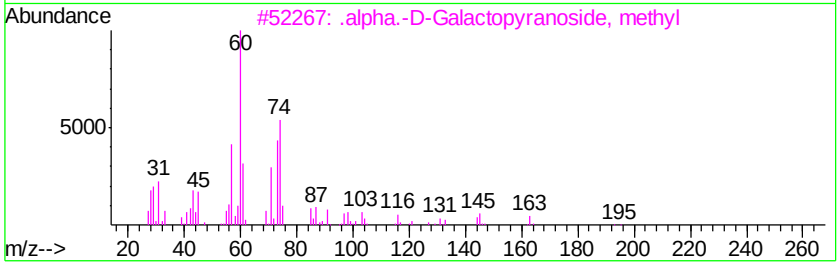
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	3.55 ng	101881	Phenanthrene-d10	11.46

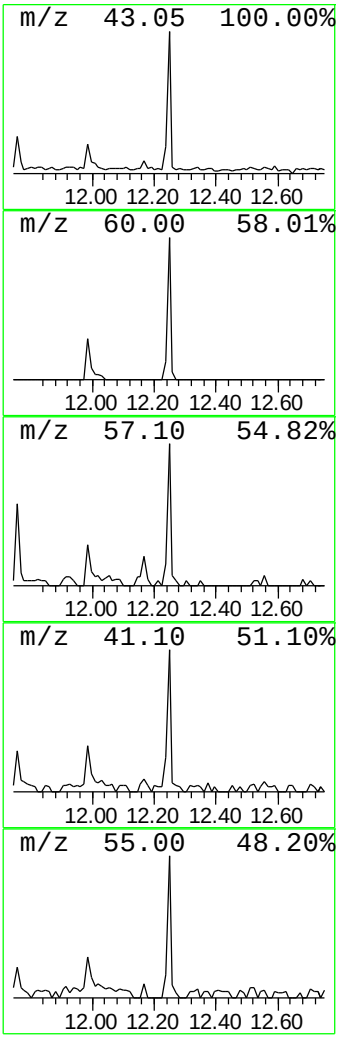
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
2	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
3	.alpha.-D-Galactopyranoside, methyl	194	C7H14O6	003396-99-4	35
4	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	32
5	Sedoheptulosan	192	C7H12O6	000469-90-9	25











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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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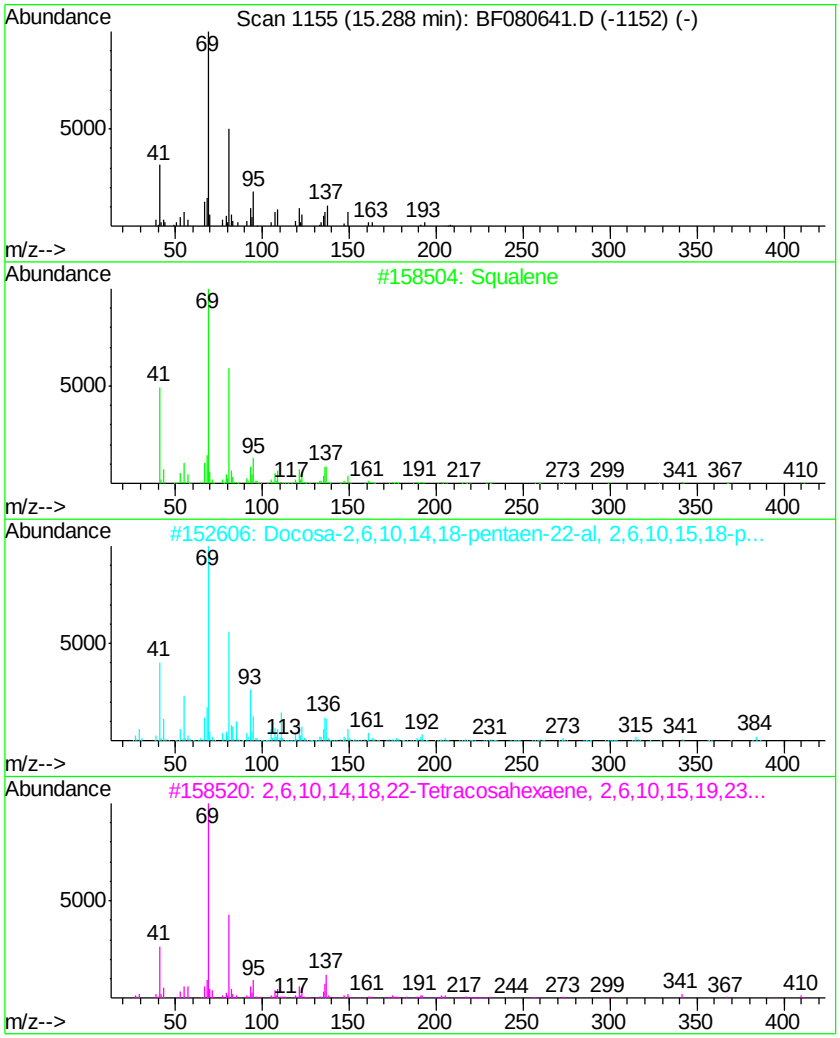
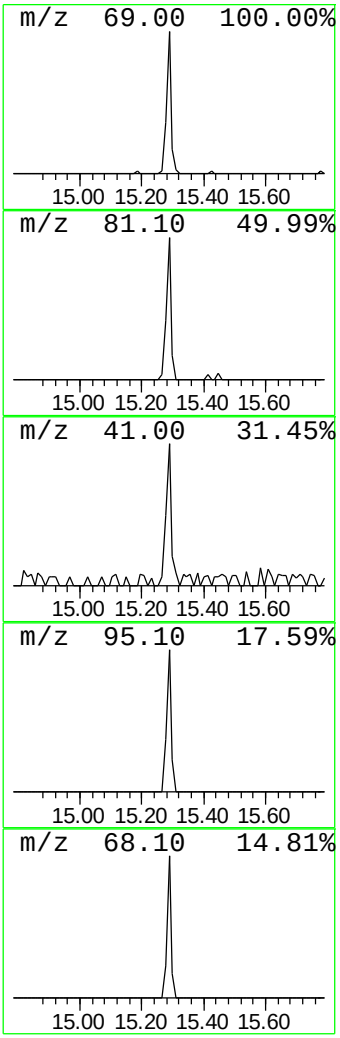
Peak Number 6 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.68 ng	66064	Perylene-d12	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	78
5	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	74





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...	5.09	45.2	ng	831845	1	6.93	368369	20.0
2-Pentanone, 4-me...	5.93	3.3	ng	60797	1	6.93	368369	20.0
n-Hexadecanoic acid	12.25	3.5	ng	101881	4	11.46	574642	20.0
Squalene	15.29	2.7	ng	66064	6	15.88	492481	20.0