LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116353.D
Acq On : 17 Aug 2019 13:24
Operator : HP/JU
Sample : K4380-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STOCKPILE-175-LANDERS-PIT

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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	5.440	566	570	593	rBV	1883215	2292820	82.42%	9.289%
2	6.451	738	742	761	rBV	2260634	2532030	91.02%	10.258%
3	6.581	761	764	774	rVB	2679327	2440655	87.73%	9.888%
4	6.810	800	803	814	rBV	849842	786599	28.28%	3.187%
5	6.963	826	829	853	rBV	2087981	1958760	70.41%	7.936%
6	7.375	895	899	926	rBV	1450046	1586433	57.03%	6.427%
7	8.087	1017	1020	1041	rBV	968542	1010938	36.34%	4.096%
8	9.157	1199	1202	1214	rBV	2852034	2781894	100.00%	11.271%
9	9.557	1267	1270	1280	rBV	208230	205864	7.40%	0.834%
10	9.839	1314	1318	1337	rBV	1411756	1176834	42.30%	4.768%
11	10.628	1449	1452	1469	rBV	1531509	1610567	57.89%	6.525%
12	11.328	1567	1571	1580	rBV	1257044	1154049	41.48%	4.676%
13	11.392	1580	1582	1589	rVB	41559	42665	1.53%	0.173%
14	11.851	1657	1660	1664	rBV	34150	42082	1.51%	0.170%
15	12.904	1835	1839	1842	rBV	2960123	2591092	93.14%	10.498%
16	13.792	1986	1990	2006	rBV2	87399	213110	7.66%	0.863%
17	13.969	2016	2020	2031	rBV	864577	886616	31.87%	3.592%
18	14.410	2092	2095	2099	rBV	40684	40967	1.47%	0.166%
19	14.710	2142	2146	2151	rBV	58281	58614	2.11%	0.237%
20	14.786	2155	2159	2163	rVV	92057	88770	3.19%	0.360%
21	15.039	2198	2202	2208	rBV	70773	79750	2.87%	0.323%
22	15.421	2258	2267	2286	rBV	492771	865282	31.10%	3.506%
23	15.821	2329	2335	2341	rBV	70780	105632	3.80%	0.428%
24	16.304	2412	2417	2428	rVB	47219	90982	3.27%	0.369%
25	16.868	2507	2513	2520	rBV3	20155	39287	1.41%	0.159%

Sum of corrected areas: 24682292

LSC Report - Integrated Chromatogram

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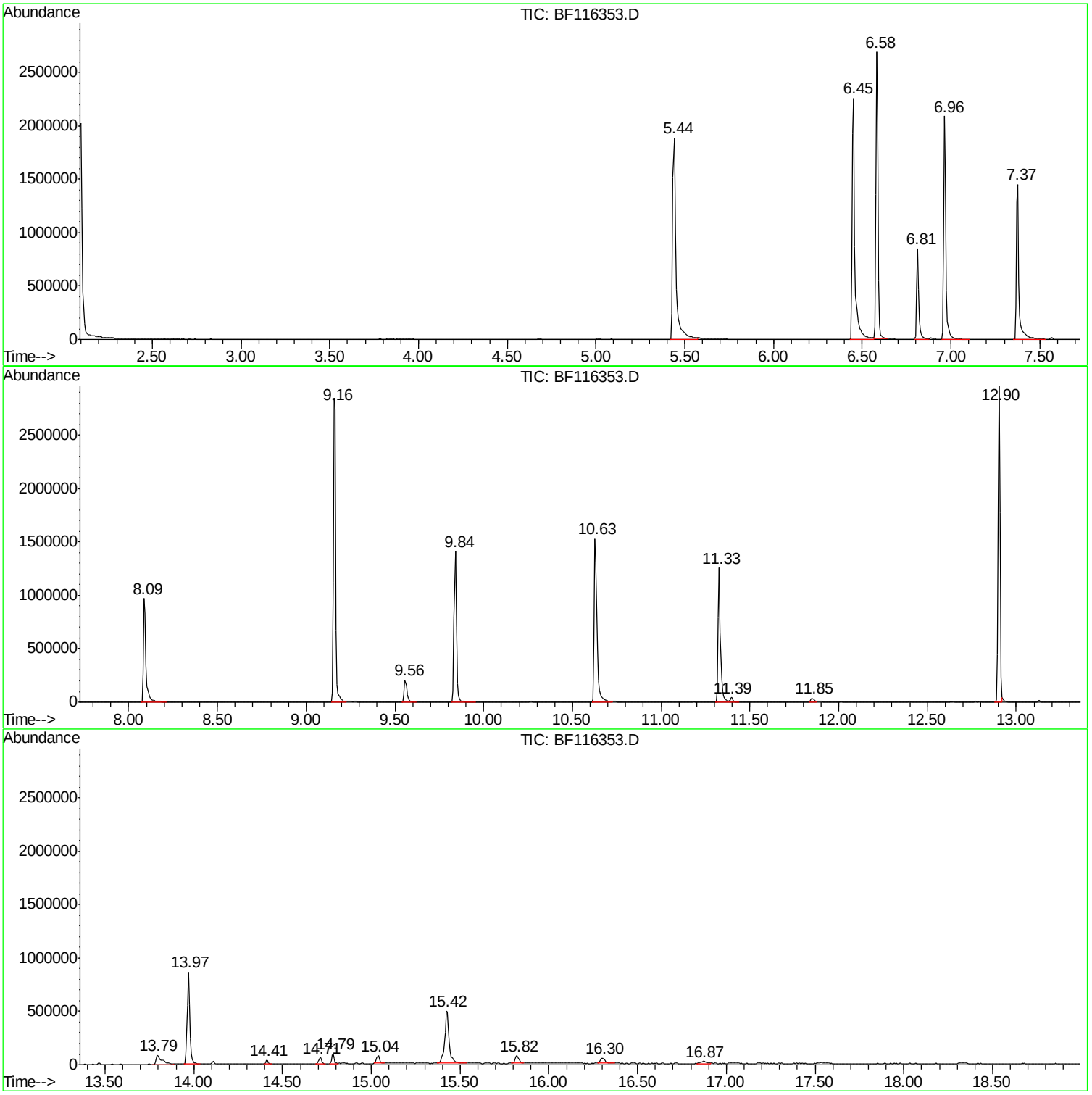
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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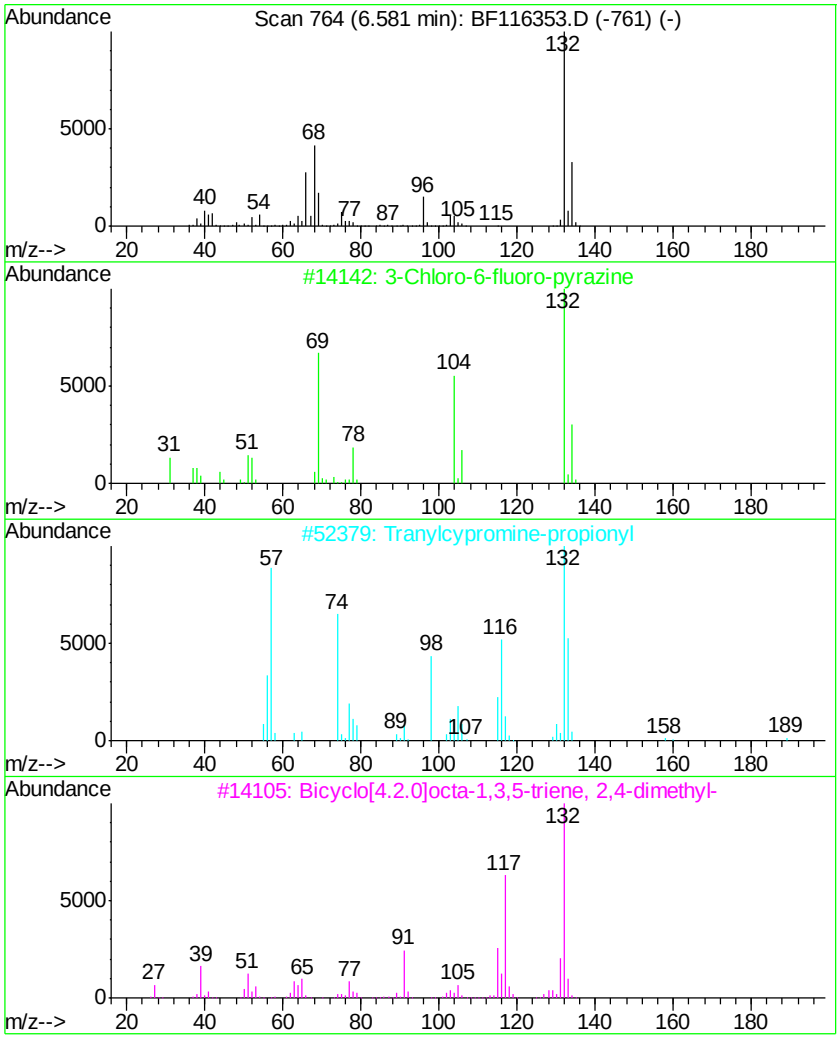
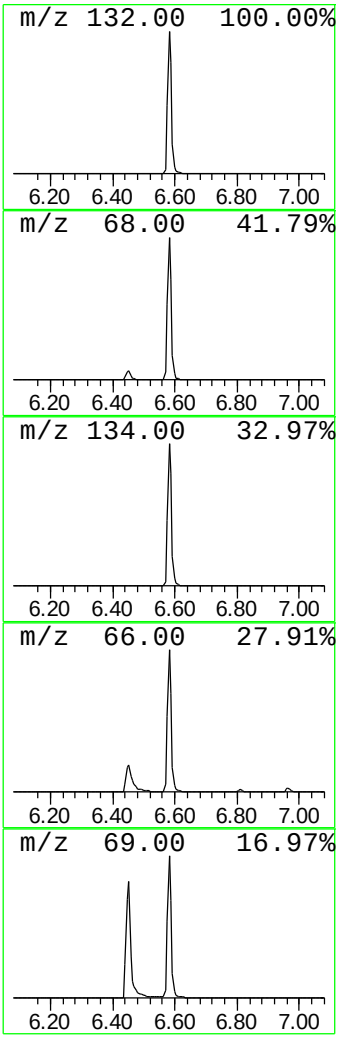
Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	62.06 ng	2440660	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





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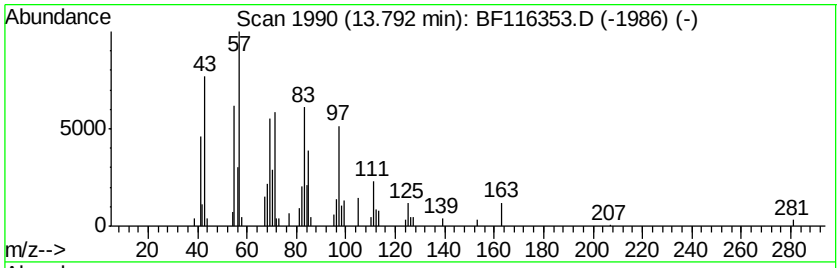
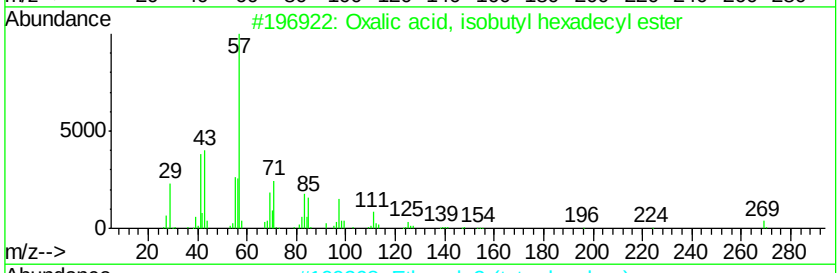
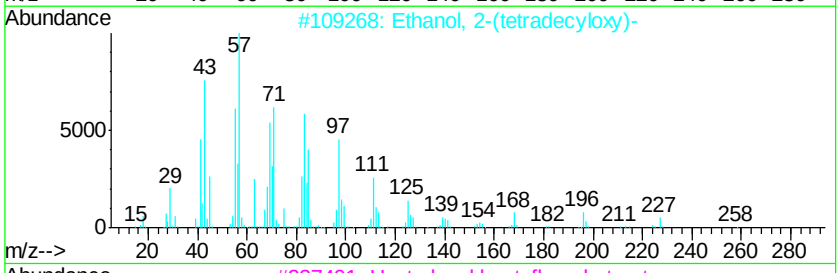
Peak Number 3 Oxalic acid, isobutyl hexad... Concentration Rank 3

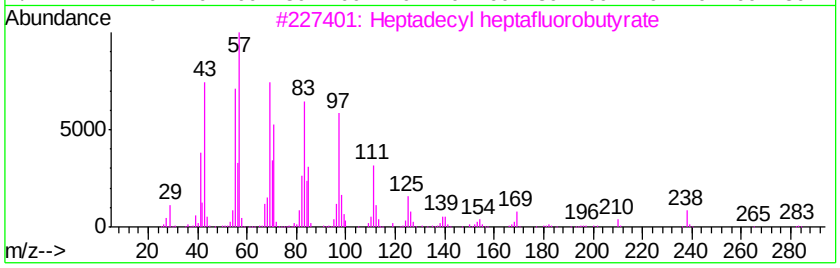
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	4.81 ng	213110	Chrysene-d12	13.97

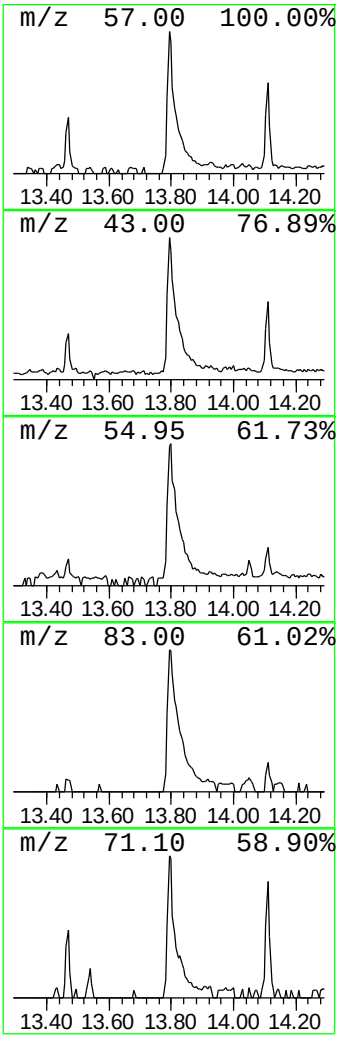
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	76
5	17-Pentatriacontene	491	C35H70	006971-40-0	74











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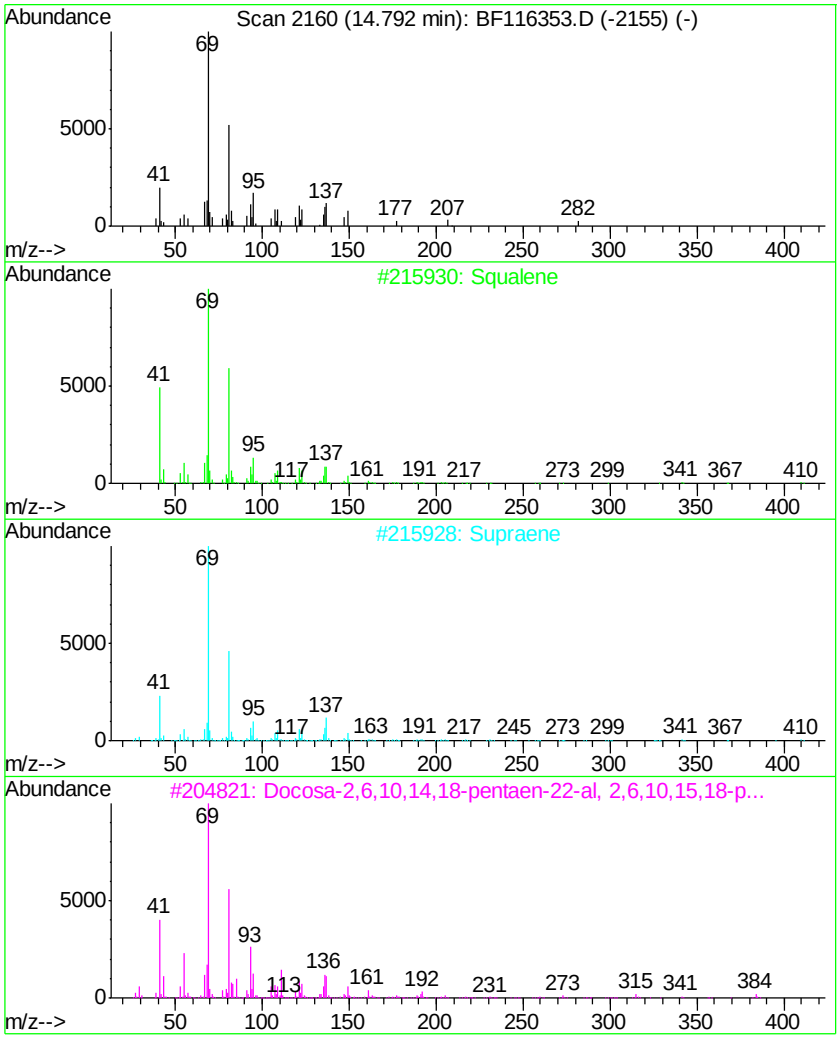
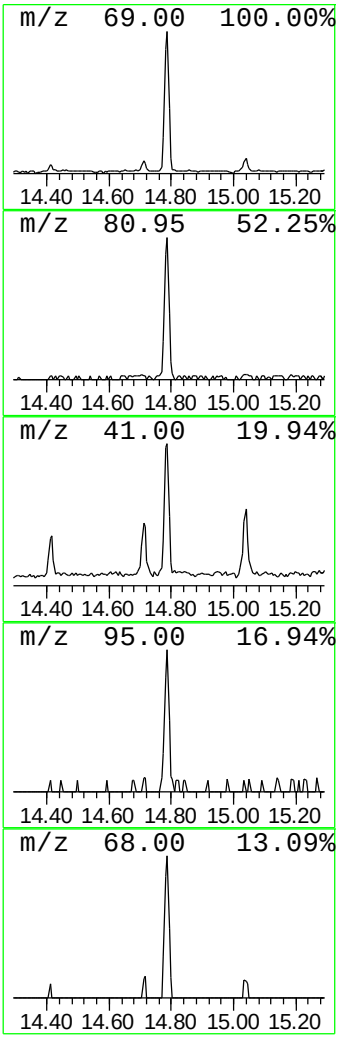
Peak Number 4 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.05 ng	88770	Perylene-d12	15.43

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	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	83
5	trans-Farnesol	222	C15H26O	000106-28-5	72





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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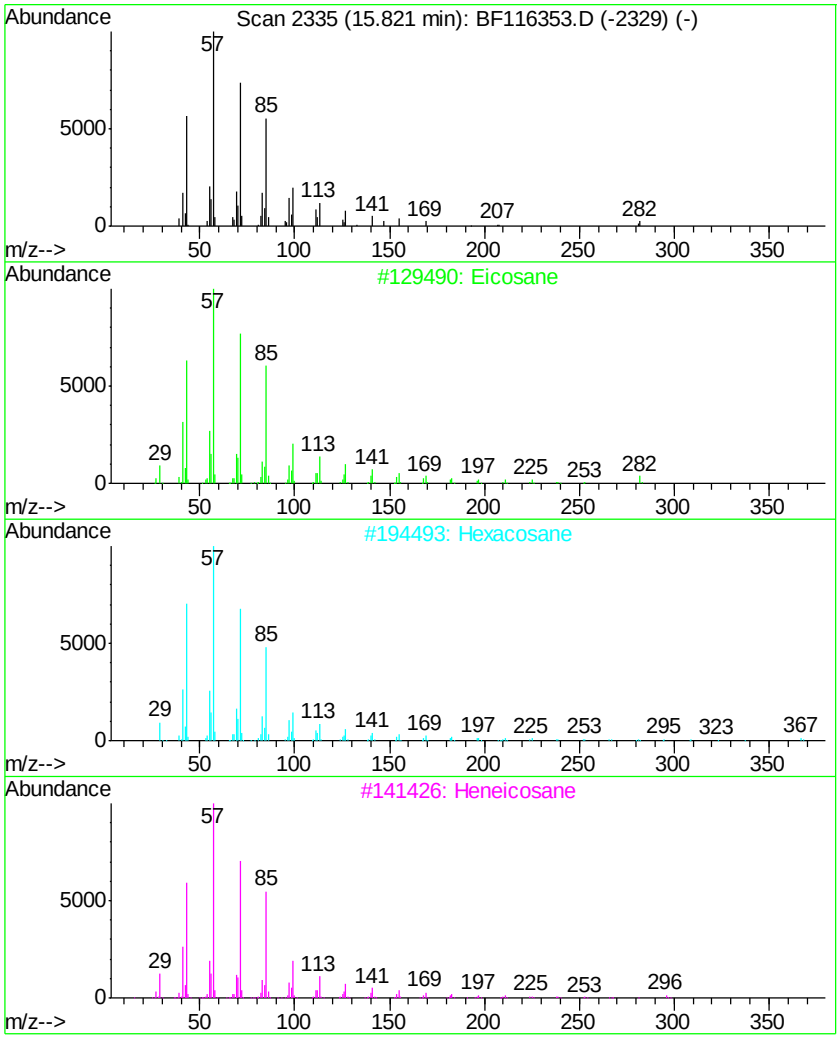
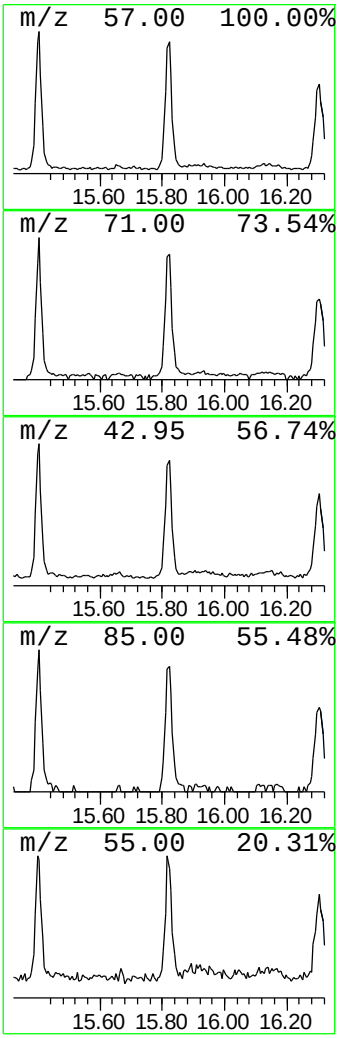
Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.44 ng	105632	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	2-methyltetracosane	352	C25H52	1000376-72-6	91





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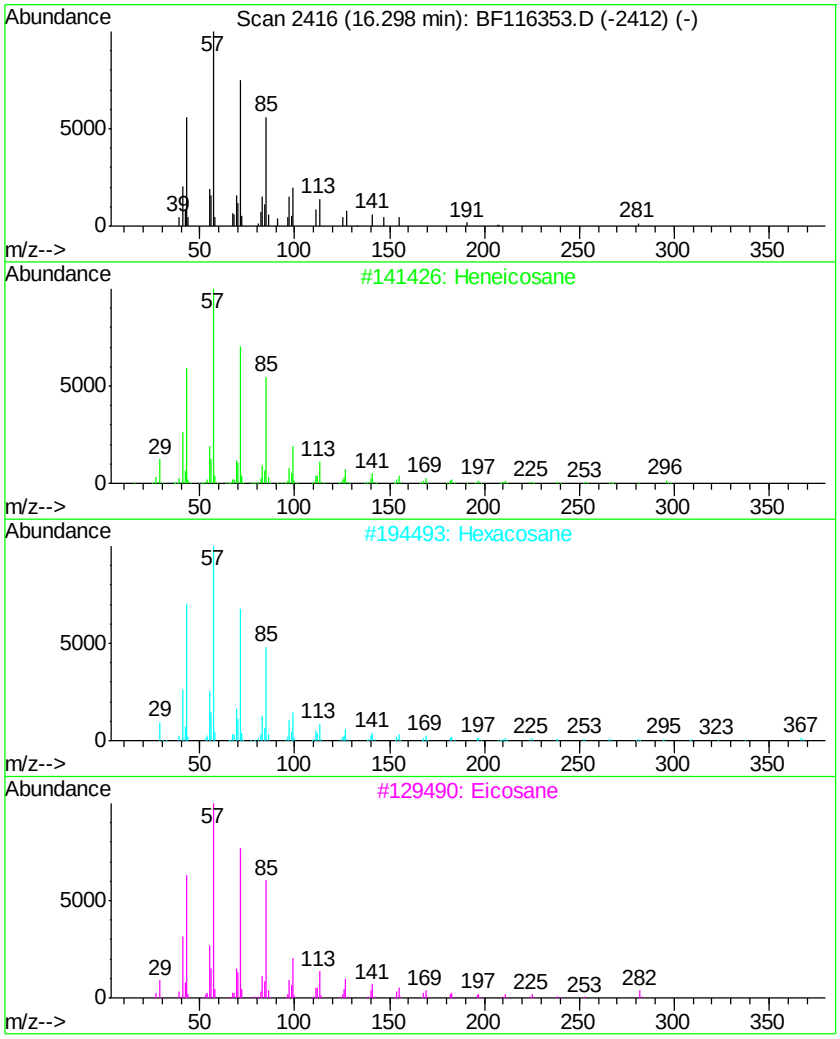
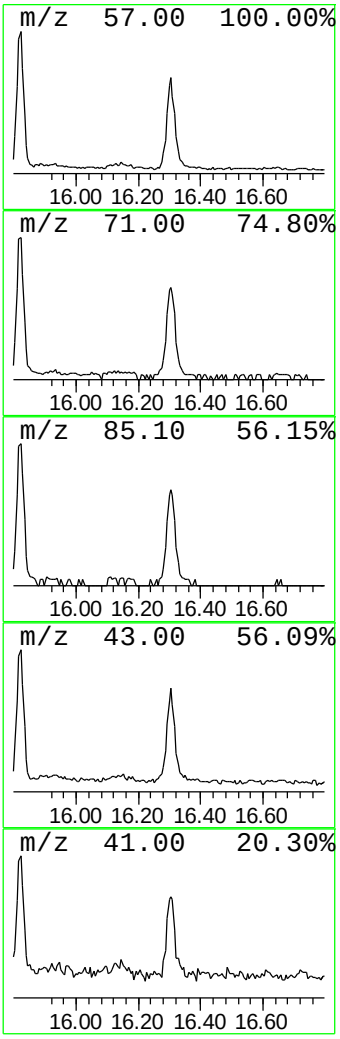
Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.10 ng	90982	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Pentacosane	352	C25H52	000629-99-2	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.58	6.58	62.1	ng	2440660	1	6.81	786599	20.0
Oxalic acid, isob...	13.79	4.8	ng	213110	5	13.97	886616	20.0
Squalene	14.79	2.0	ng	88770	6	15.43	865282	20.0
Eicosane	15.82	2.4	ng	105632	6	15.43	865282	20.0
Heneicosane	16.30	2.1	ng	90982	6	15.43	865282	20.0