LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004432.D
Acq On : 26 Feb 2016 18:16
Operator : SJ/UM
Sample : H1564-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9R34

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-BM022216.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.734	4	8	18	rVV	31239	50814	7.68%	0.768%
2	2.810	18	21	27	rVB	10519	12650	1.91%	0.191%
3	6.804	694	700	715	rBB	96636	155224	23.45%	2.347%
4	6.951	719	725	736	rBB	88715	132833	20.07%	2.008%
5	7.151	753	759	770	rBB	111617	175865	26.57%	2.659%
6	7.616	832	838	845	rBB	78405	123404	18.64%	1.865%
7	8.339	955	961	975	rBB	134368	220162	33.26%	3.328%
8	8.775	1029	1035	1046	rBB	102801	160665	24.27%	2.429%
9	9.492	1152	1157	1166	rBB	83121	133826	20.22%	2.023%
10	10.039	1244	1250	1265	rBV	125729	215614	32.57%	3.259%
11	10.398	1305	1311	1319	rBB	122578	196983	29.76%	2.978%
12	10.551	1330	1337	1352	rBV	122734	222557	33.62%	3.364%
13	13.692	1865	1871	1875	rBV	251369	359862	54.36%	5.440%
14	13.733	1875	1878	1885	rVB	76963	104277	15.75%	1.576%
15	13.968	1912	1918	1932	rBV	314791	448426	67.74%	6.779%
16	14.174	1949	1953	1956	rBB	7910	9358	1.41%	0.141%
17	14.280	1965	1971	1977	rBB2	169311	259746	39.24%	3.927%
18	15.127	2111	2115	2119	rBB	13266	15728	2.38%	0.238%
19	15.274	2134	2140	2151	rBB	394967	559350	84.50%	8.456%
20	15.515	2178	2181	2188	rBB3	3993	7648	1.16%	0.116%
21	15.992	2258	2262	2270	rBV	14562	21035	3.18%	0.318%
22	17.033	2433	2439	2449	rBB	203328	277638	41.94%	4.197%
23	17.133	2449	2456	2474	rBB	393466	571627	86.36%	8.641%
24	19.439	2842	2848	2866	rBV2	465604	639179	96.56%	9.662%
25	20.944	3099	3104	3119	rBV	84452	121168	18.31%	1.832%
26	21.244	3150	3155	3165	rBV	236408	304952	46.07%	4.610%
27	22.391	3345	3350	3355	rBV	80662	103394	15.62%	1.563%
28	23.321	3501	3508	3521	rBV	360090	661937	100.00%	10.006%
29	23.462	3525	3532	3542	rVB2	164673	312881	47.27%	4.730%
30	23.938	3609	3613	3621	rBV3	4883	8926	1.35%	0.135%
31	24.038	3624	3630	3639	rBV4	7568	19313	2.92%	0.292%
32	24.732	3745	3748	3755	rVB	4980	8066	1.22%	0.122%

LSC Area Percent Report

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Title : SVOA CALIBRATION

Sum of corrected areas: 6615108

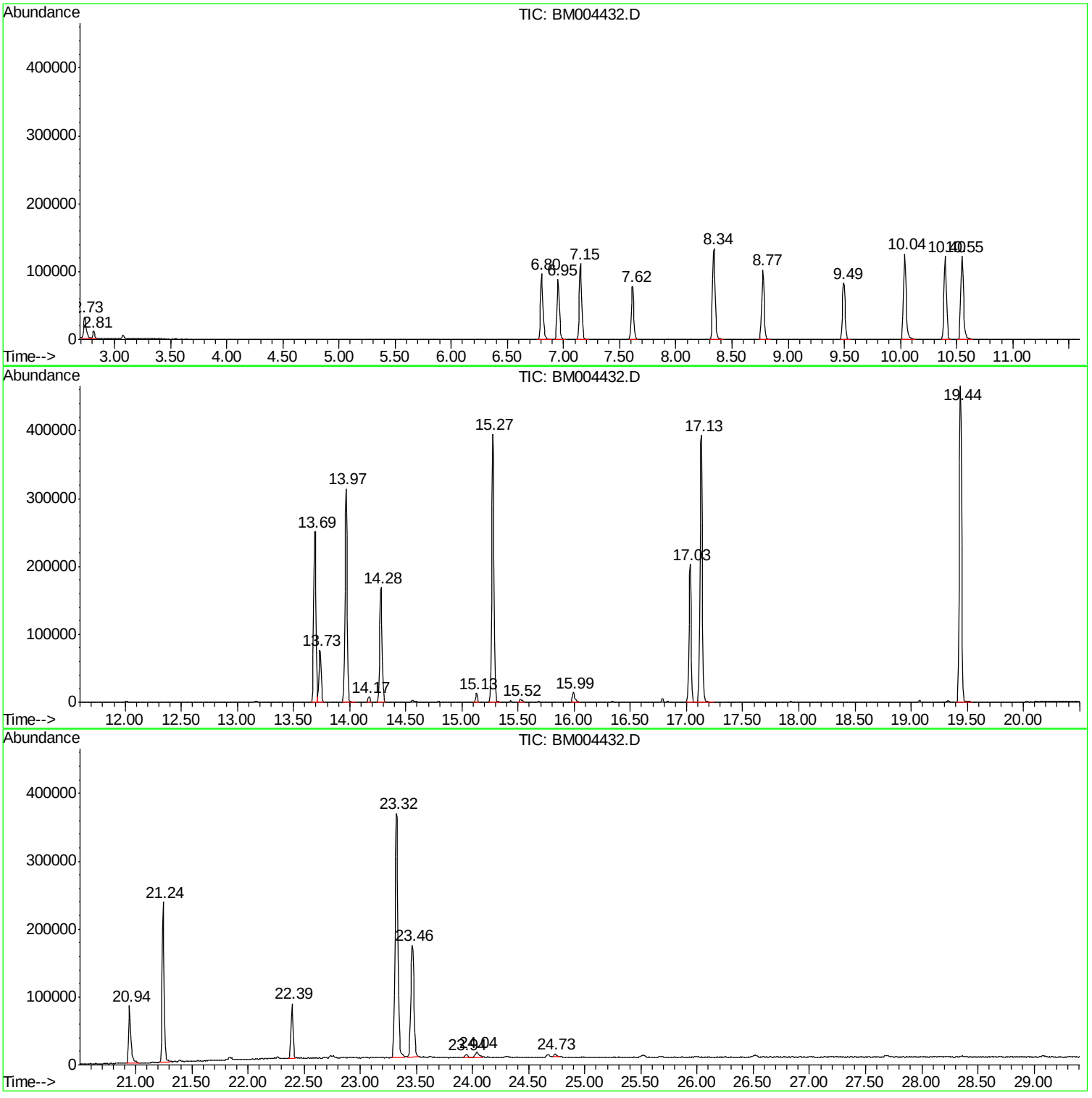
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004432.D
Acq On : 26 Feb 2016 18:16
Operator : SJ/UM
Sample : H1564-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9R34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004432.D
Acq On : 26 Feb 2016 18:16
Operator : SJ/UM
Sample : H1564-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9R34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

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

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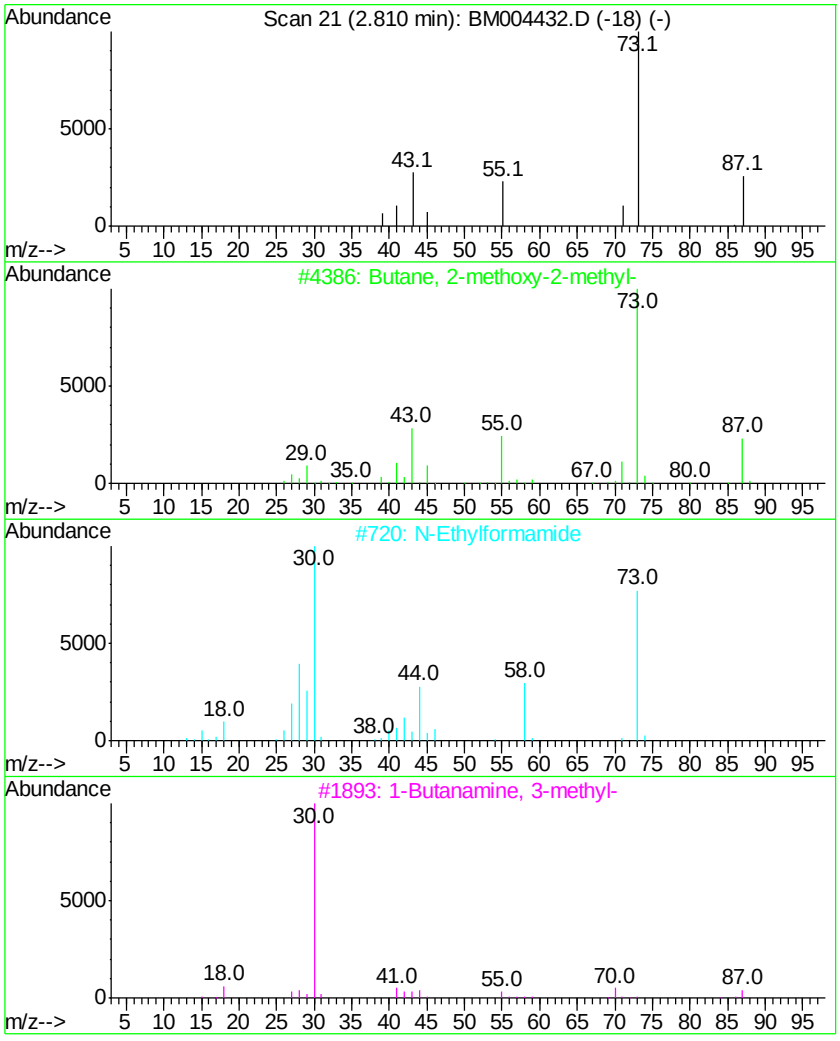
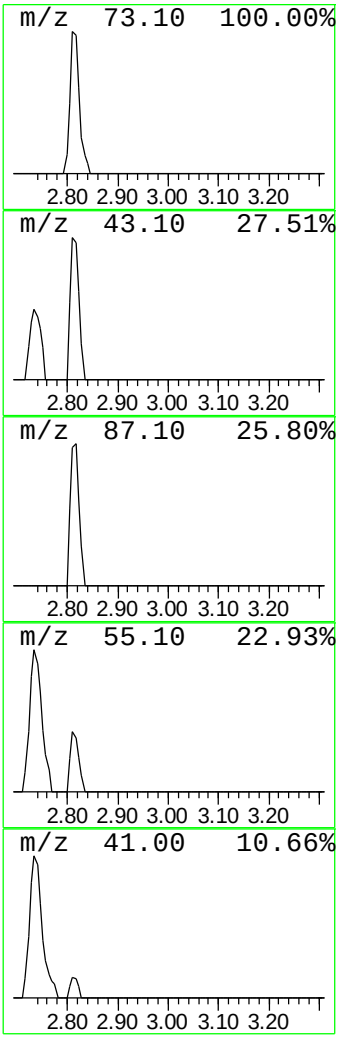
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	2.05 ng/ul	12650	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	N-Ethylformamide	73	C3H7NO	000627-45-2	4
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	4
5	Isobutylamine	73	C4H11N	000078-81-9	4





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Sample : H1564-15
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Instrument : BNA_M
ClientSampleId : D9R34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

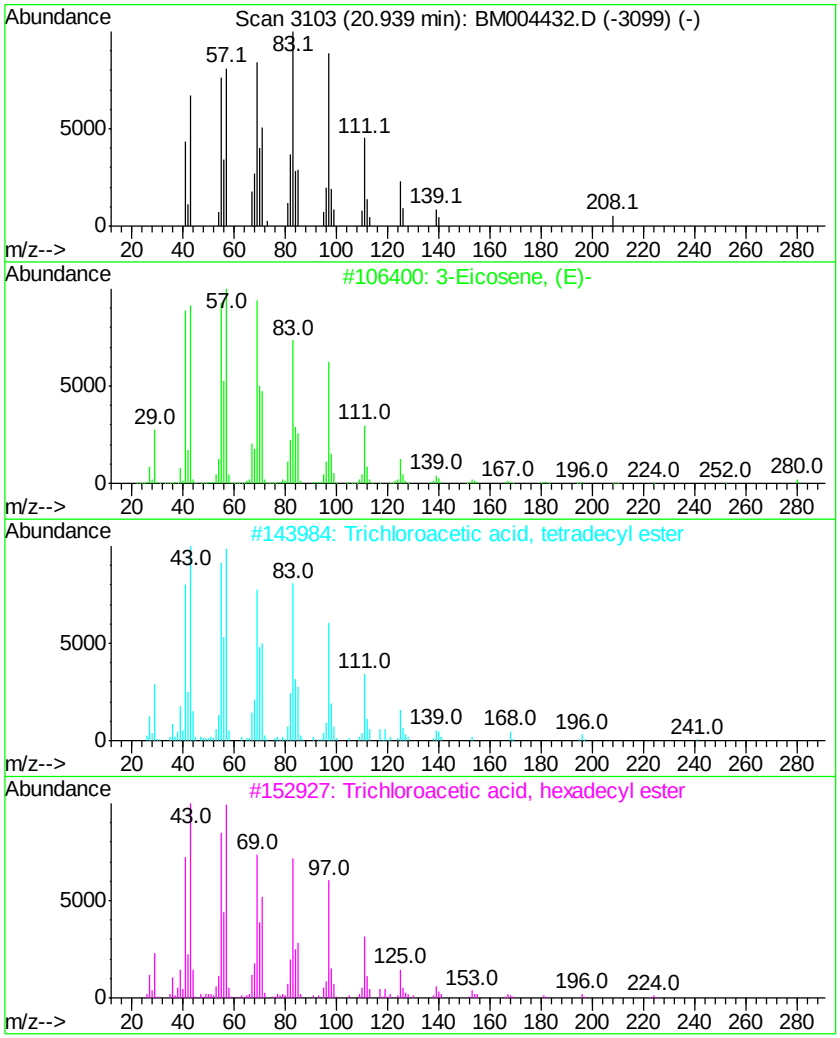
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

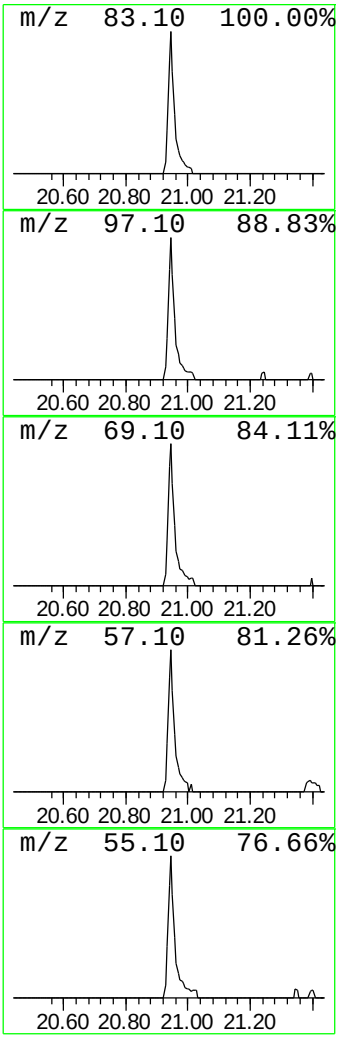
****

Peak Number 3 (DEL) Alkane: Cyclic20.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	7.95 ng/ul	121168	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9R34

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

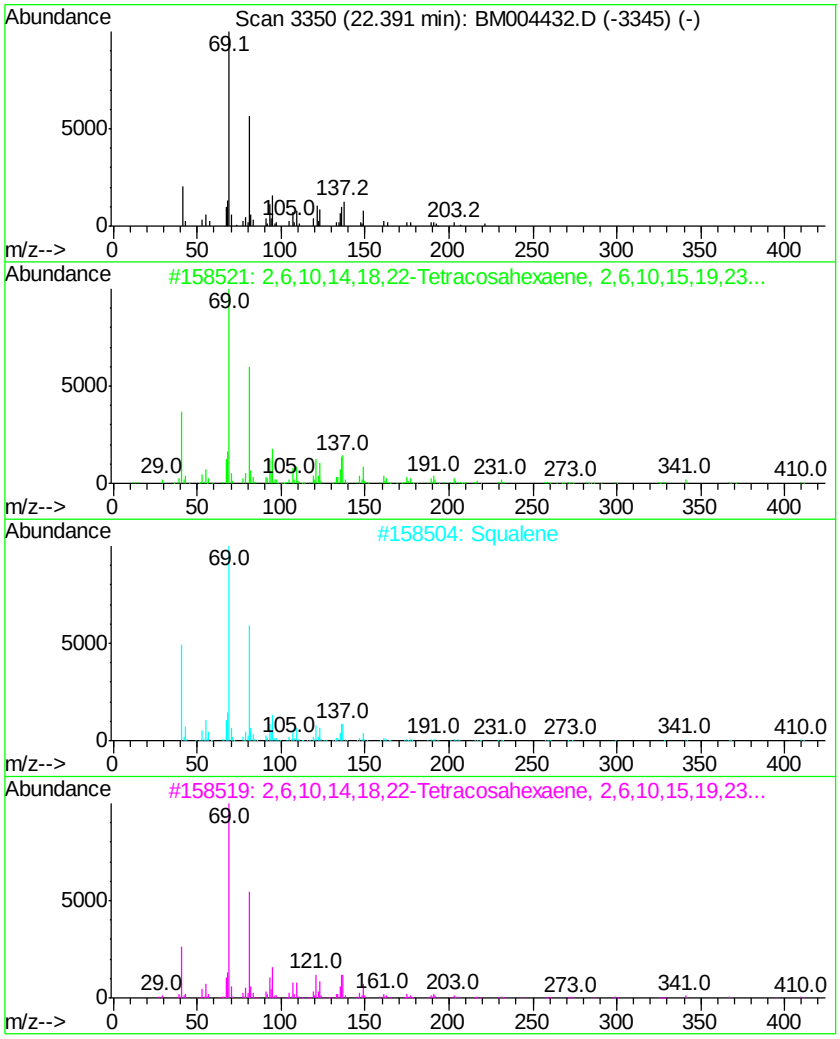
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

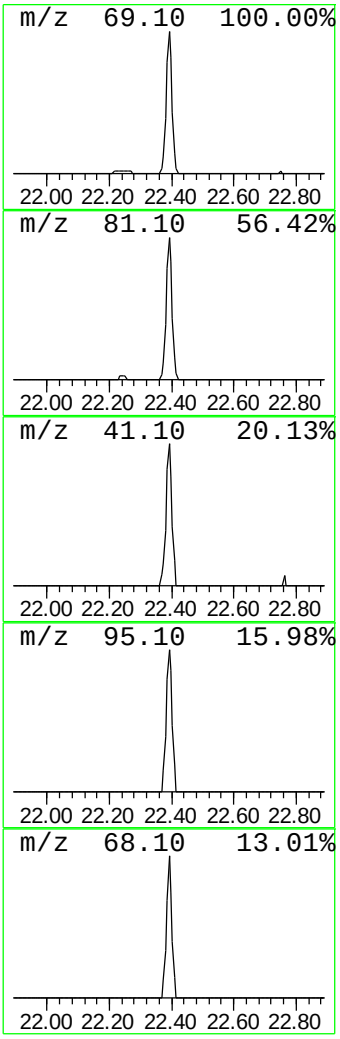
****

Peak Number 4 2,6,10,14,18,22-Tetracosahe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	6.61 ng/ul	103394	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
2	Squalene	410	C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
5	Squalene	410	C30H50	007683-64-9	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.81	2.0	ng/ul	12650	1	7.62	123404	20.0
(DEL) Alkane: Cyc...	20.94	8.0	ng/ul	121168	5	21.24	304952	20.0
2,6,10,14,18,22-T...	22.39	6.6	ng/ul	103394	6	23.46	312881	20.0