LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011515\
Data File : BM000207.D
Acq On : 15 Jan 2015 19:54
Operator : TP/IZ
Sample : G1063-06RX
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AN4RX

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM01.2-EPA-BM122914.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	2.840	20	26	46	rBV	11141951	15946847	6.83%	4.414%
2	2.987	46	51	59	rVV	658175	1102980	0.47%	0.305%
3	3.063	59	64	83	rVB	2337729	3294530	1.41%	0.912%
4	3.316	97	107	136	rVB2	78659325	233579439	100.00%	64.651%
5	4.152	244	249	260	rVB2	441612	677313	0.29%	0.187%
6	4.581	314	322	342	rBV	45462875	71324104	30.54%	19.741%
7	5.287	436	442	451	rVB	2090739	2948680	1.26%	0.816%
8	6.987	725	731	743	rBV	143850	234982	0.10%	0.065%
9	7.163	755	761	769	rBV	415210	642247	0.27%	0.178%
10	7.357	788	794	803	rBV	481830	764283	0.33%	0.212%
11	7.828	867	874	882	rBV	612206	964736	0.41%	0.267%
12	8.522	980	992	1001	rBV	386422	616476	0.26%	0.171%
13	8.987	1063	1071	1080	rBV	552833	934493	0.40%	0.259%
14	9.704	1184	1193	1204	rBV	436443	726008	0.31%	0.201%
15	10.234	1276	1283	1295	rBV	636369	1081863	0.46%	0.299%
16	10.622	1338	1349	1356	rBV	759834	1320228	0.57%	0.365%
17	13.869	1894	1901	1907	rBV	1342687	1875725	0.80%	0.519%
18	14.157	1943	1950	1963	rVB	1413588	2037586	0.87%	0.564%
19	14.463	1996	2002	2012	rBV	1148680	1714652	0.73%	0.475%
20	15.457	2164	2171	2177	rBV	1752894	2560497	1.10%	0.709%
21	15.569	2184	2190	2206	rVB	475546	663592	0.28%	0.184%
22	17.204	2462	2468	2476	rBV2	1428197	2088691	0.89%	0.578%
23	17.304	2479	2485	2493	rBV	1972881	2826223	1.21%	0.782%
24	19.598	2869	2875	2881	rBV	2340087	3181220	1.36%	0.881%
25	21.392	3174	3180	3185	rBV	1834719	2425028	1.04%	0.671%
26	22.580	3378	3382	3388	rBV	295617	404442	0.17%	0.112%
27	23.539	3537	3545	3553	rBV2	1562638	3100102	1.33%	0.858%
28	23.680	3562	3569	3581	rVB	1150062	2254113	0.97%	0.624%

Sum of corrected areas: 361291080

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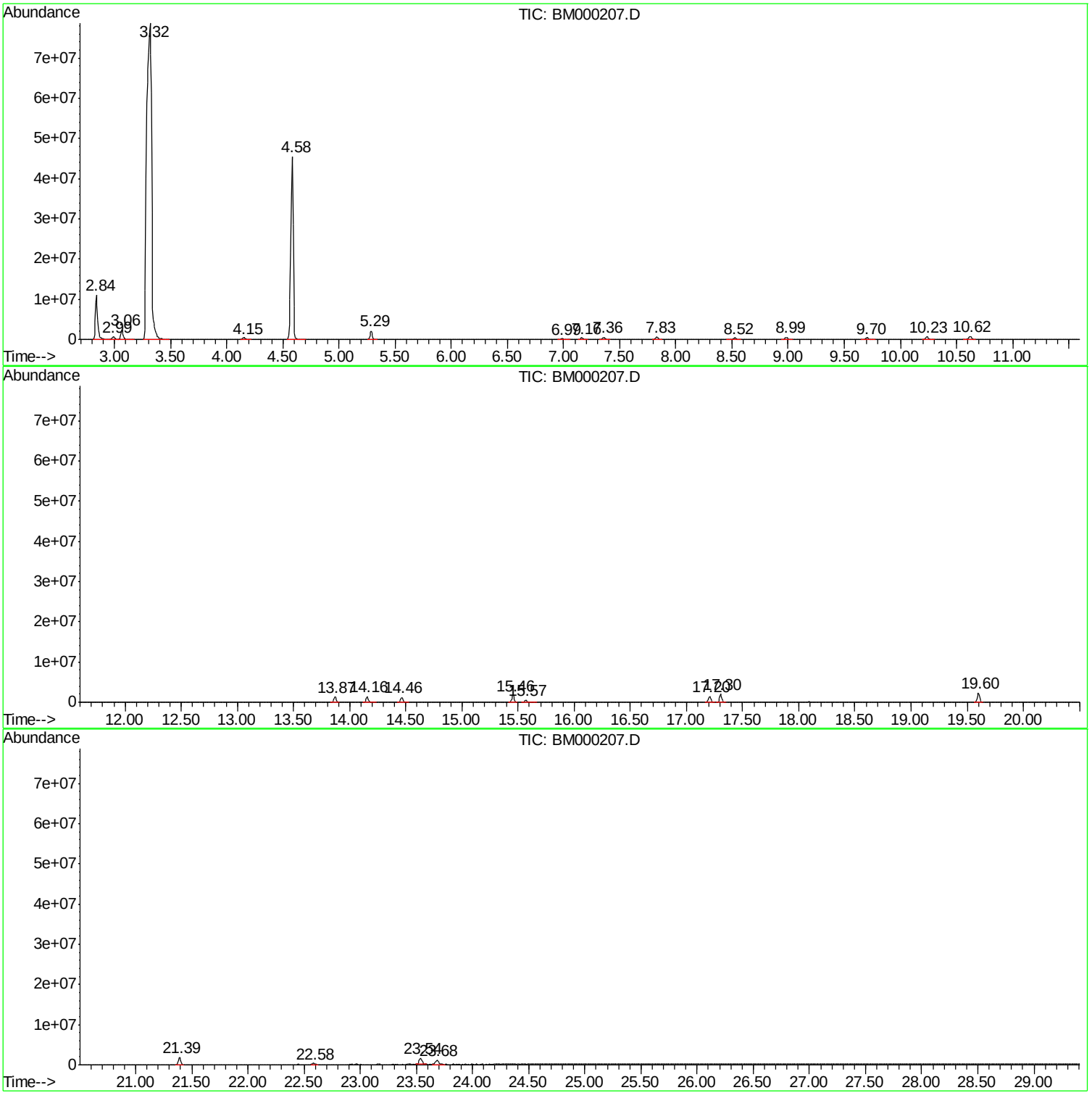
ClientSampleId :
C0AN4RX

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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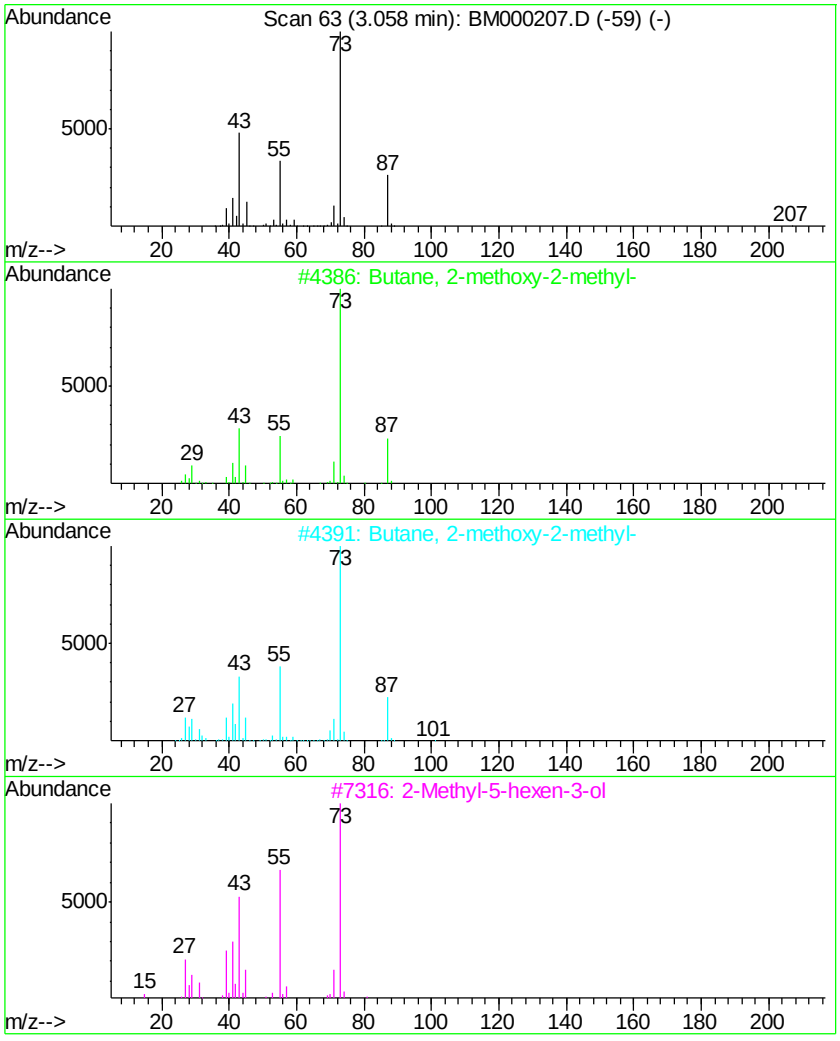
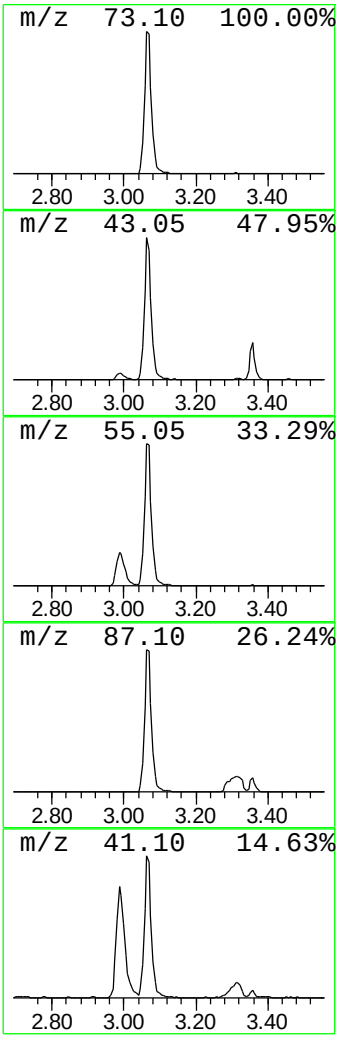
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	68.30 ng/ul	3294530	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument : BNA_M
ClientSampleId : C0AN4RX

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

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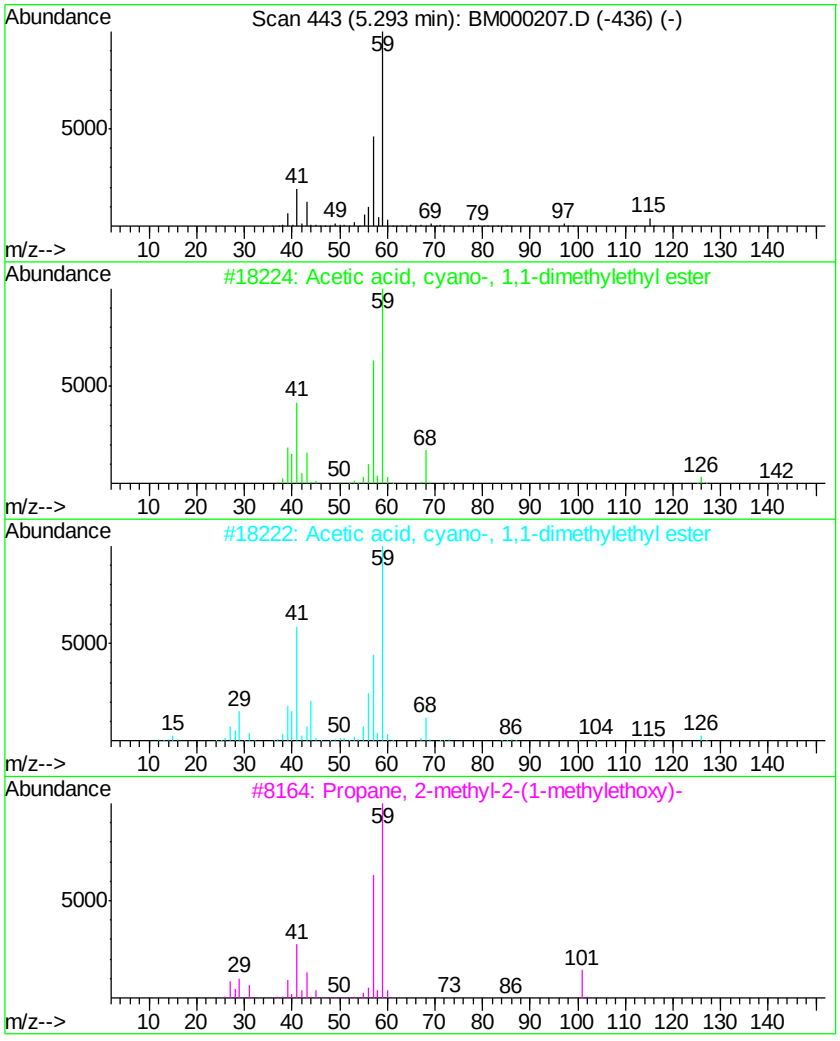
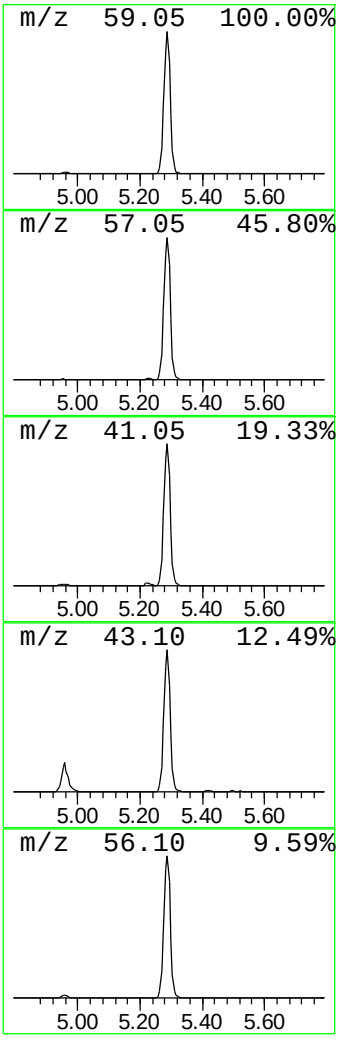
Peak Number 6 Acetic acid, cyano-, 1,1-di... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	61.13 ng/ul	2948680	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	39
4	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1000101-80-3	38
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AN4RX

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

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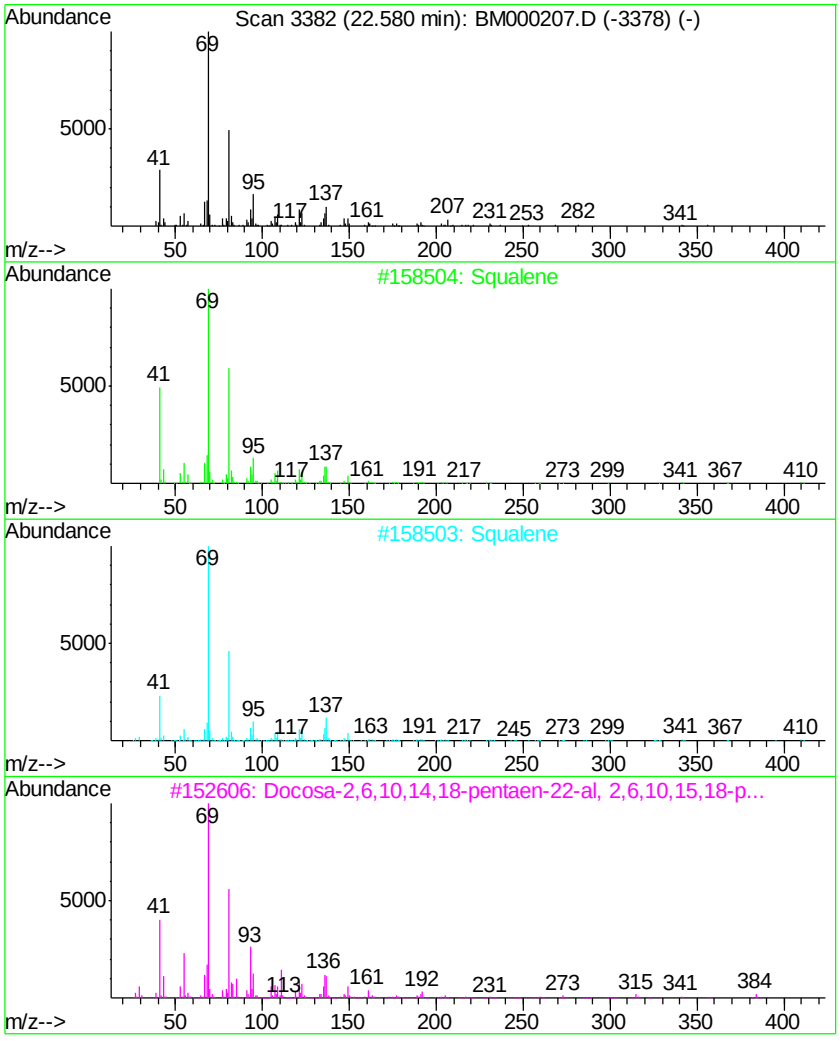
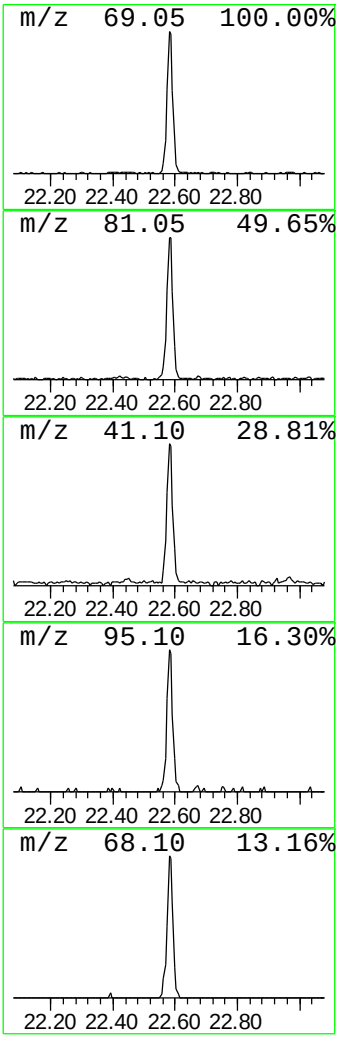
Peak Number 7 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	3.59 ng/ul	404442	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	007683-64-9	87
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Tentatively Identified Compound (LSC) summary

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AN4RX

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.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...	3.06	68.3	ng/ul	3294530	1	7.83	964736	20.0
Acetic acid, cyan...	5.29	61.1	ng/ul	2948680	1	7.83	964736	20.0
Squalene	22.58	3.6	ng/ul	404442	6	23.69	2254110	20.0