LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100117\
Data File : BM011839.D
Acq On : 02 Oct 2017 09:18
Operator : SJ/JU
Sample : I5458-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG9

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\SOM-EPA-BM092717.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	7.034	664	671	686	rBV	187324	340262	5.33%	0.689%
2	7.204	693	700	712	rBV	560560	919548	14.41%	1.863%
3	7.404	728	734	745	rBV	635109	1095523	17.17%	2.220%
4	7.881	808	815	822	rBV	562243	966636	15.15%	1.958%
5	8.581	928	934	945	rBV	484697	857779	13.44%	1.738%
6	9.040	1006	1012	1025	rBV	816334	1438256	22.54%	2.914%
7	9.763	1128	1135	1150	rBV	735738	1282166	20.09%	2.598%
8	10.298	1218	1226	1240	rBV	856936	1537711	24.10%	3.116%
9	10.681	1283	1291	1301	rBV	808374	1388347	21.76%	2.813%
10	13.927	1836	1843	1858	rBV	1871710	2702044	42.34%	5.475%
11	14.216	1885	1892	1907	rBV	1905214	2780375	43.57%	5.633%
12	14.522	1937	1944	1953	rBV2	1225935	1898177	29.74%	3.846%
13	14.716	1971	1977	1991	rBV3	105626	242726	3.80%	0.492%
14	15.510	2105	2112	2120	rBV	2552964	3611298	56.59%	7.317%
15	15.627	2126	2132	2143	rBV	1218939	1701473	26.66%	3.447%
16	17.263	2403	2410	2419	rBV2	1613390	2321357	36.38%	4.703%
17	17.363	2420	2427	2441	rVV	2934608	4257170	66.71%	8.625%
18	17.921	2516	2522	2526	rBV	227463	296131	4.64%	0.600%
19	19.409	2770	2775	2783	rBV2	70741	111888	1.75%	0.227%
20	19.651	2809	2816	2827	rBV	4379240	5454640	85.47%	11.052%
21	21.433	3113	3119	3127	rBV	2287996	3074503	48.18%	6.229%
22	22.486	3295	3298	3308	rVB4	131518	186883	2.93%	0.379%
23	23.009	3384	3387	3394	rVB	131895	206106	3.23%	0.418%
24	23.615	3482	3490	3505	rBV2	3152493	6381691	100.00%	12.930%
25	23.762	3508	3515	3524	rVB	1647908	3234780	50.69%	6.554%
26	24.286	3598	3604	3611	rVB	241564	483325	7.57%	0.979%
27	25.068	3732	3737	3748	rVB	253397	585698	9.18%	1.187%

Sum of corrected areas: 49356493

LSC Report - Integrated Chromatogram

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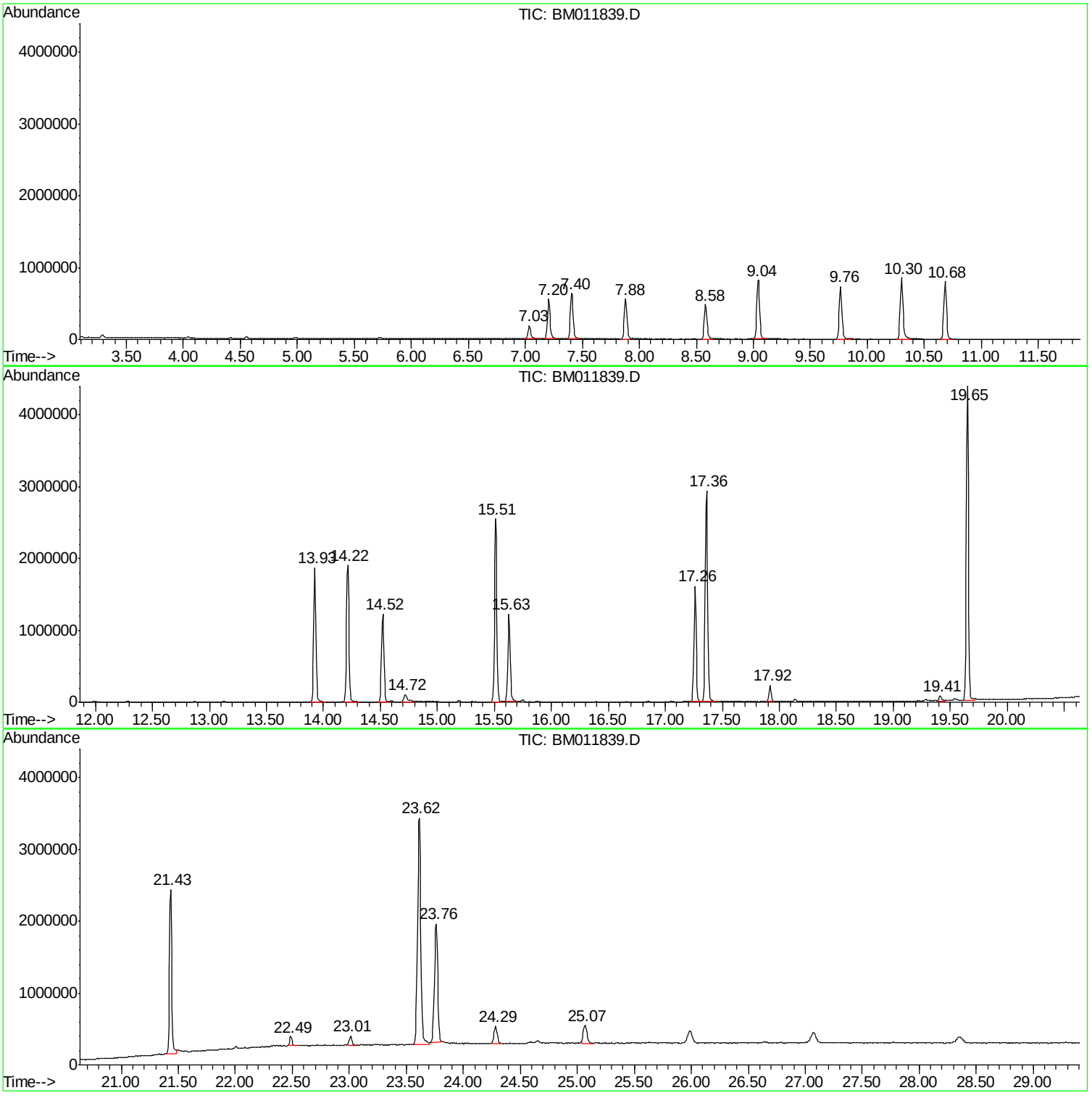
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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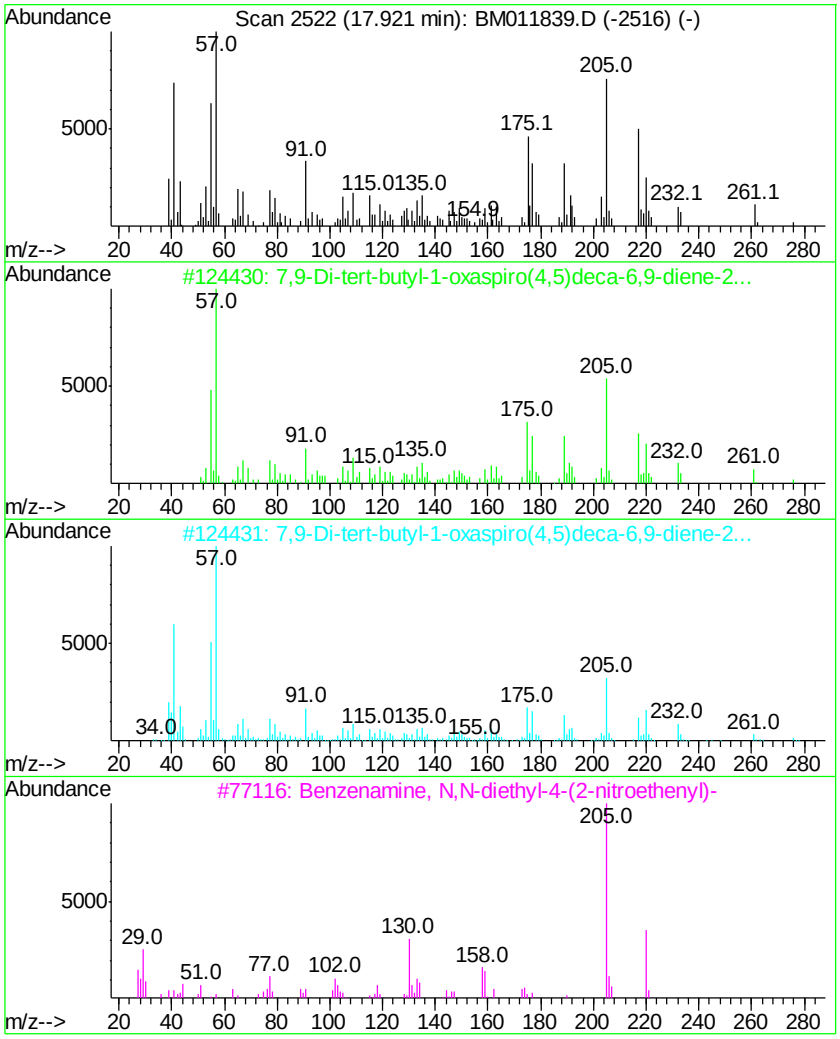
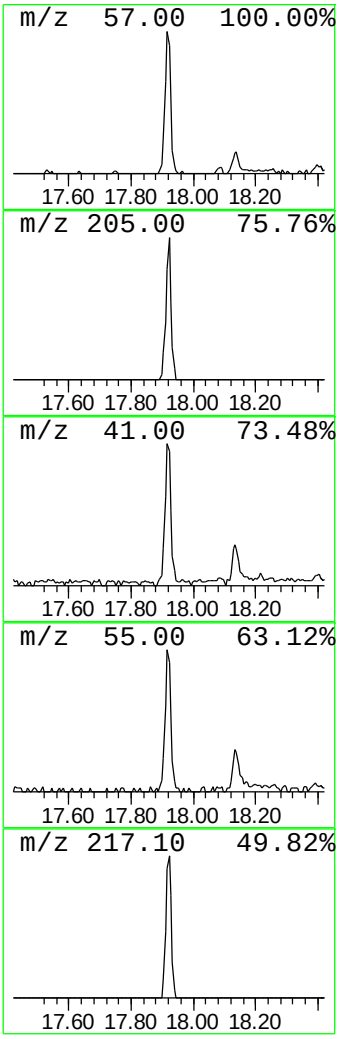
Peak Number 1 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.55 ng/ul	296131	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
3	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	42
4	2,6-Bis(1,1-dimethylethyl)-4-met...	262	C18H30O	004278-82-4	30
5	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	27





Library Search Compound Report

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Sample : I5458-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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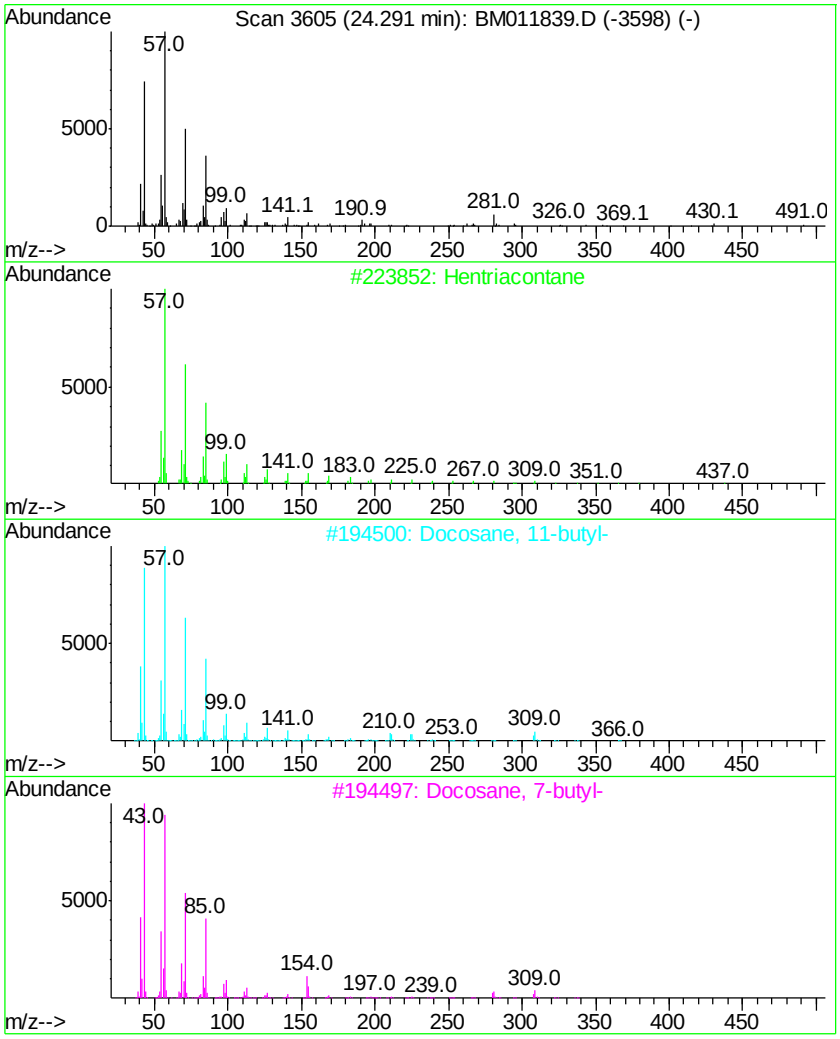
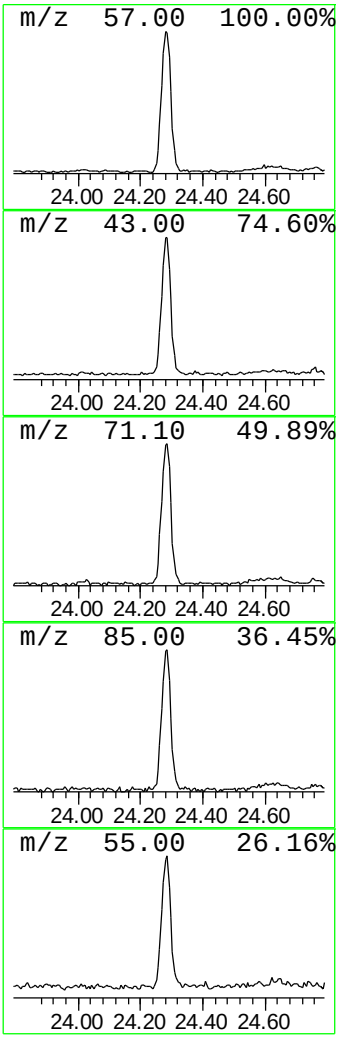
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	2.99 ng/ul	483325	Perylene-d12	23.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	83
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
3	Docosane, 7-butyl-	366	C26H54	055282-15-0	83
4	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





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Sample : I5458-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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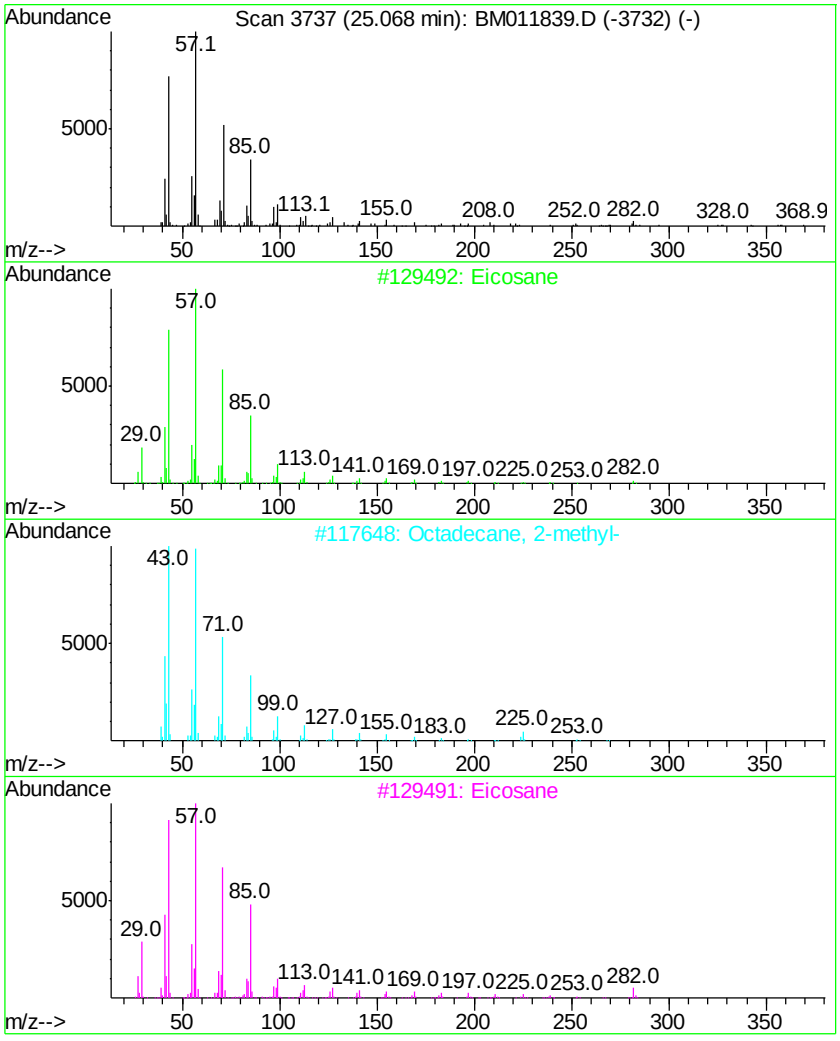
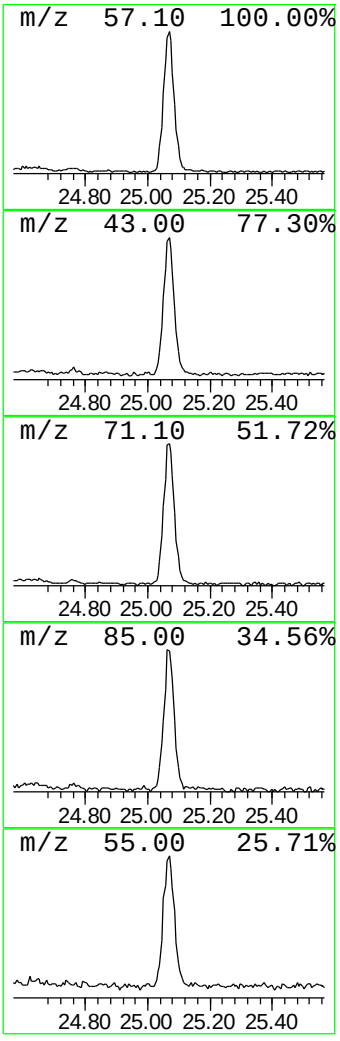
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.07	3.62 ng/ul	585698	Perylene-d12	23.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Hentriacontane	437	C31H64	000630-04-6	87





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
7,9-Di-tert-butyl...	17.92	2.5	ng/ul	296131	4 17.26	2321360	20.0
(DEL) Alkane: Str...	24.29	3.0	ng/ul	483325	6 23.76	3234780	20.0
(DEL) Alkane: Str...	25.07	3.6	ng/ul	585698	6 23.76	3234780	20.0