LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019365.D
Acq On : 23 Mar 2019 22:59
Operator : JU/SJ
Sample : K2025-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	3.152	25	28	33	rBV	20982	27438	0.61%	0.078%
2	3.752	127	130	134	rVB3	8373	12697	0.28%	0.036%
3	6.799	643	648	661	rBV	73658	162445	3.60%	0.461%
4	6.963	670	676	692	rBV	298256	566764	12.57%	1.607%
5	7.146	701	707	726	rVB	357093	640235	14.20%	1.816%
6	7.610	780	786	798	rBV	490985	819128	18.17%	2.323%
7	8.328	902	908	921	rBV	246125	479379	10.63%	1.360%
8	8.781	978	985	1005	rBV	388752	699663	15.52%	1.984%
9	9.110	1038	1041	1049	rVB2	9673	15637	0.35%	0.044%
10	9.493	1100	1106	1125	rBV2	301675	565346	12.54%	1.603%
11	10.028	1190	1197	1217	rBV	292518	806832	17.90%	2.288%
12	10.393	1251	1259	1271	rBV	703828	1199022	26.59%	3.401%
13	10.622	1294	1298	1301	rBV3	5117	8377	0.19%	0.024%
14	11.598	1460	1464	1469	rVB2	5661	7610	0.17%	0.022%
15	12.034	1533	1538	1541	rBV4	4595	8403	0.19%	0.024%
16	13.092	1713	1718	1725	rVB3	27883	45097	1.00%	0.128%
17	13.292	1748	1752	1757	rVB2	8286	11801	0.26%	0.033%
18	13.686	1813	1819	1834	rBV	1101567	1679965	37.26%	4.765%
19	13.957	1859	1865	1880	rBV	1247759	1915090	42.48%	5.431%
20	14.269	1908	1918	1930	rVV2	1073077	1645738	36.50%	4.667%
21	14.551	1961	1966	1971	rBV3	15214	39696	0.88%	0.113%
22	15.269	2081	2088	2101	rBV	1674116	2545649	56.46%	7.220%
23	15.410	2106	2112	2126	rVV	418595	690953	15.33%	1.960%
24	15.516	2126	2130	2135	rVB2	21906	32280	0.72%	0.092%
25	16.057	2220	2222	2226	rVB3	5798	6059	0.13%	0.017%
26	16.822	2349	2352	2358	rBV5	3502	5586	0.12%	0.016%
27	17.027	2380	2387	2397	rBV	1402295	1984872	44.02%	5.629%
28	17.122	2397	2403	2422	rVV2	1945156	2938719	65.18%	8.334%
29	17.916	2533	2538	2551	rBV	101692	186971	4.15%	0.530%
30	19.068	2730	2734	2739	rBV2	18513	30039	0.67%	0.085%
31	19.204	2753	2757	2767	rBV	85778	159255	3.53%	0.452%
32	19.315	2773	2776	2783	rVB	14252	17817	0.40%	0.051%
33	19.433	2789	2796	2810	rBV	2539185	3554662	78.84%	10.081%
34	20.462	2969	2971	2974	rBV4	12783	15322	0.34%	0.043%

LSC Area Percent Report

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Sample : K2025-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	20.933	3047	3051	3063	rBV4	85049	196590	4.36%	0.558%
36	21.227	3096	3101	3114	rBV	1813755	2528501	56.08%	7.171%
37	21.368	3121	3125	3128	rBV	72695	85006	1.89%	0.241%
38	21.792	3194	3197	3202	rBV2	146042	168793	3.74%	0.479%
39	22.245	3271	3274	3280	rVB	232080	293124	6.50%	0.831%
40	22.745	3355	3359	3367	rVB	303583	422774	9.38%	1.199%
41	23.303	3447	3454	3470	rBV2	2517842	4508577	100.00%	12.787%
42	23.445	3471	3478	3493	rVV	1452985	2666559	59.14%	7.563%
43	23.933	3556	3561	3568	rVB	265044	471476	10.46%	1.337%
44	24.662	3680	3685	3695	rVB	191466	393991	8.74%	1.117%

Sum of corrected areas: 35259938

LSC Report - Integrated Chromatogram

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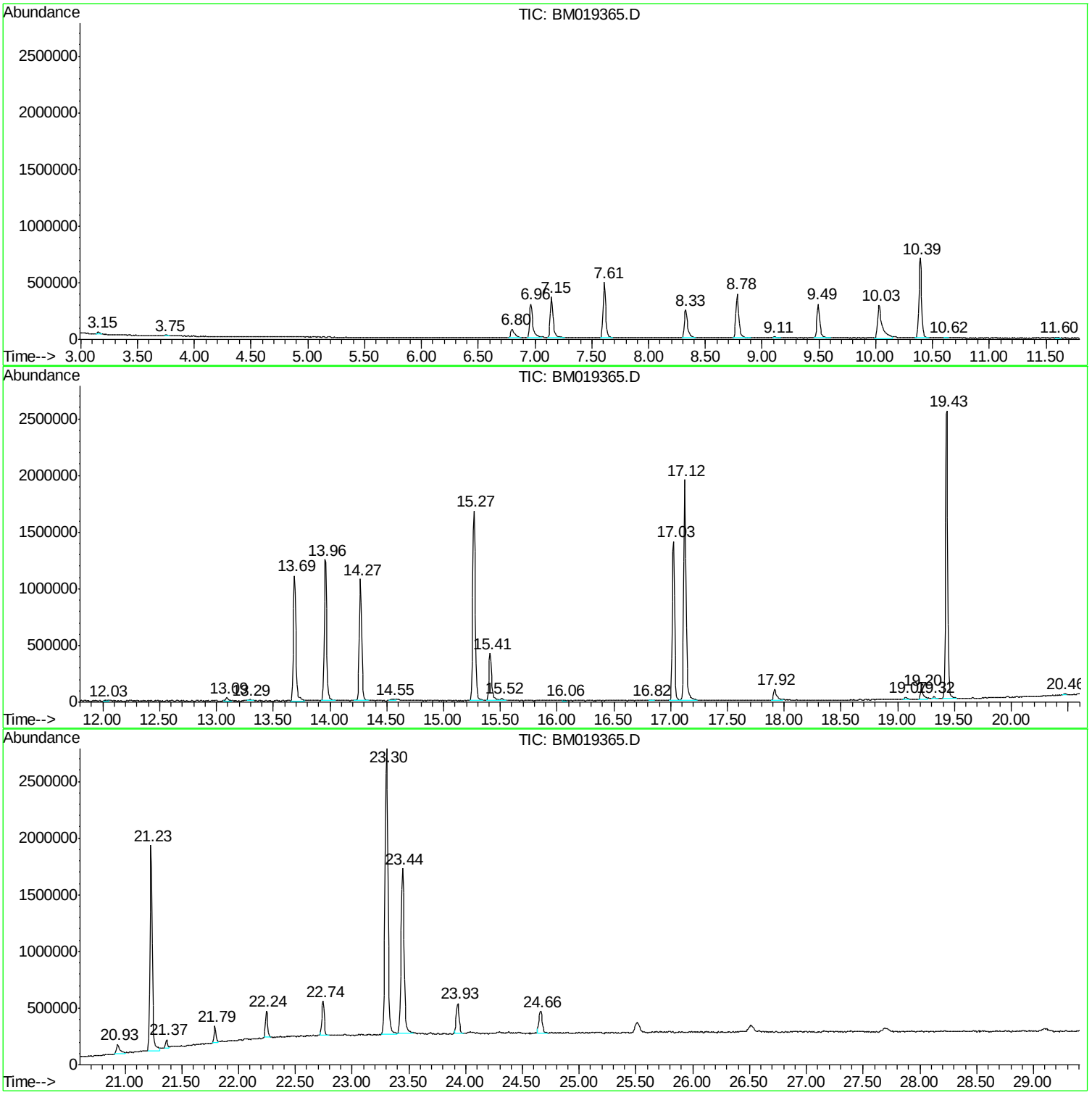
Sample : K2025-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019365.D
Acq On : 23 Mar 2019 22:59
Operator : JU/SJ
Sample : K2025-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09E8

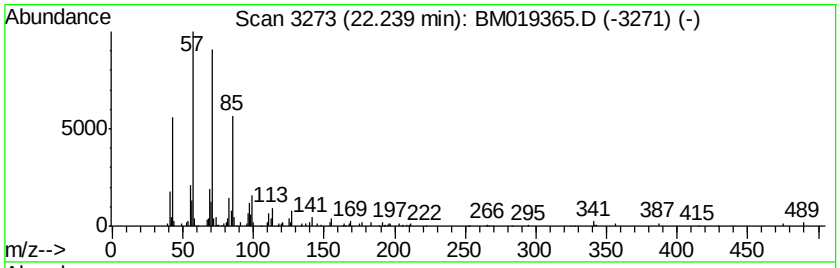
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

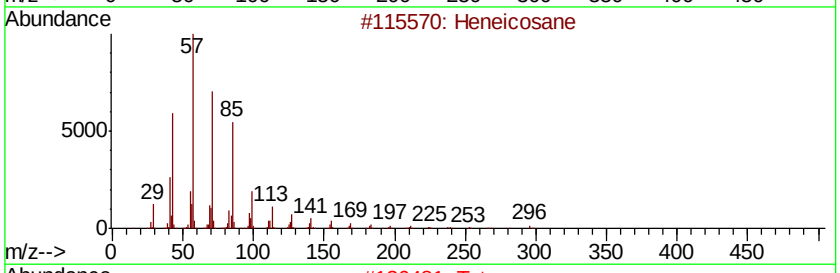
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

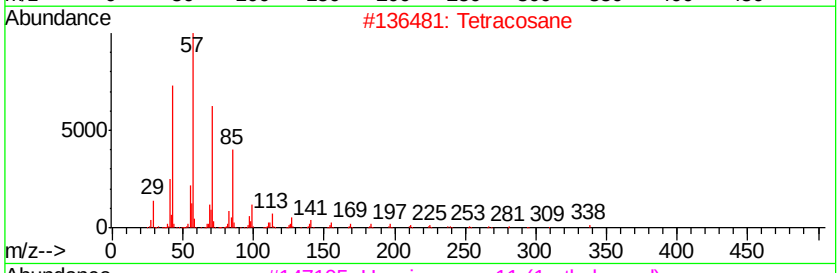
****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

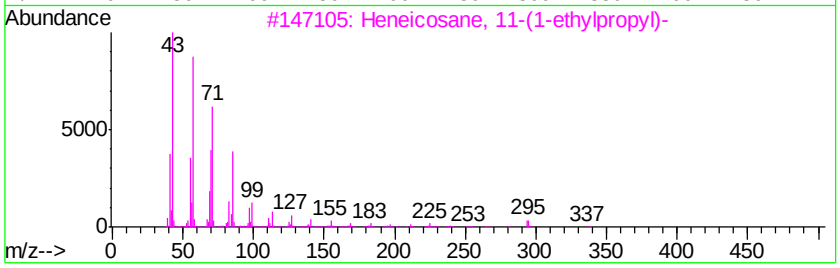
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	2.32 ng/ul	293124	Chrysene-d12	21.23

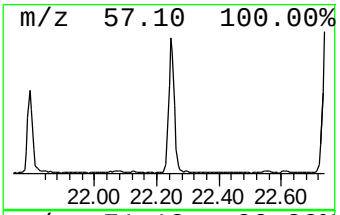
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Nonacosane	408	C29H60	000630-03-5	90

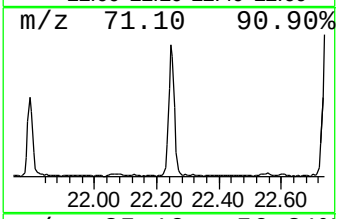


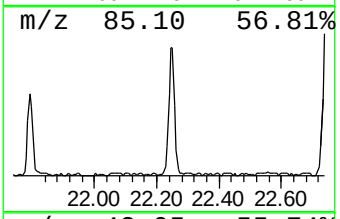


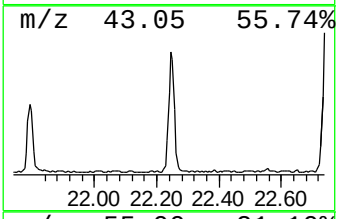


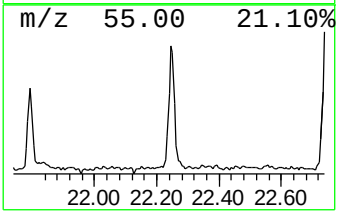












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Instrument : BNA_M
ClientSampleId : C09E8

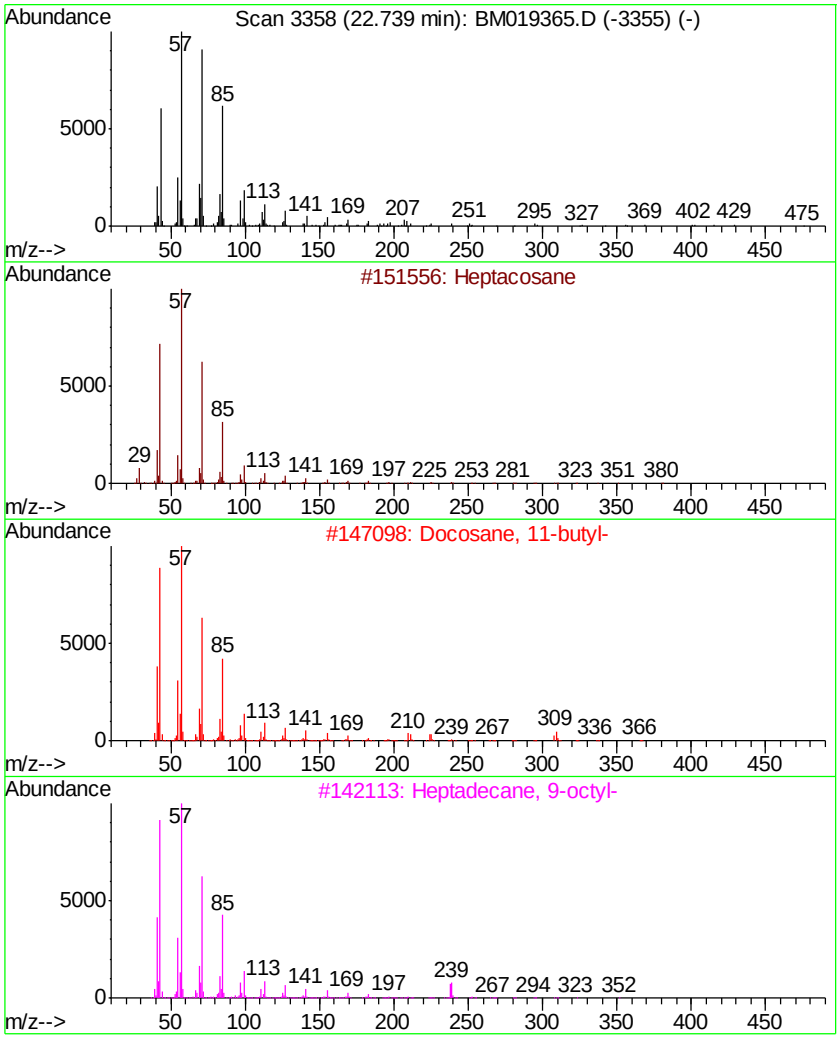
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

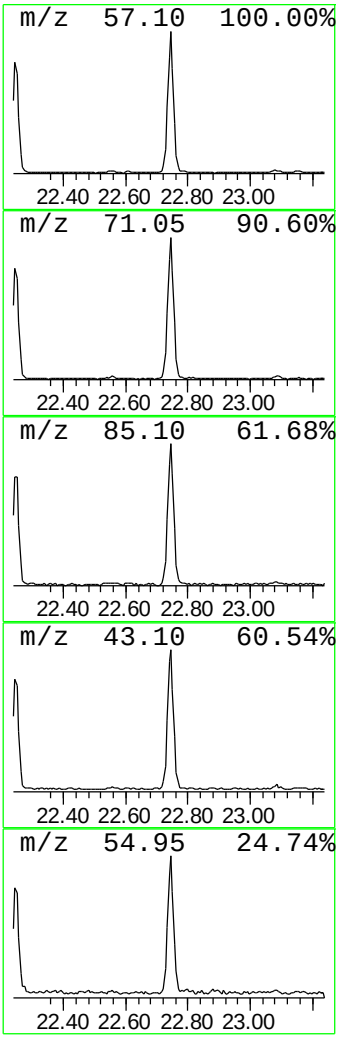
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	3.17 ng/ul	422774	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C09E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

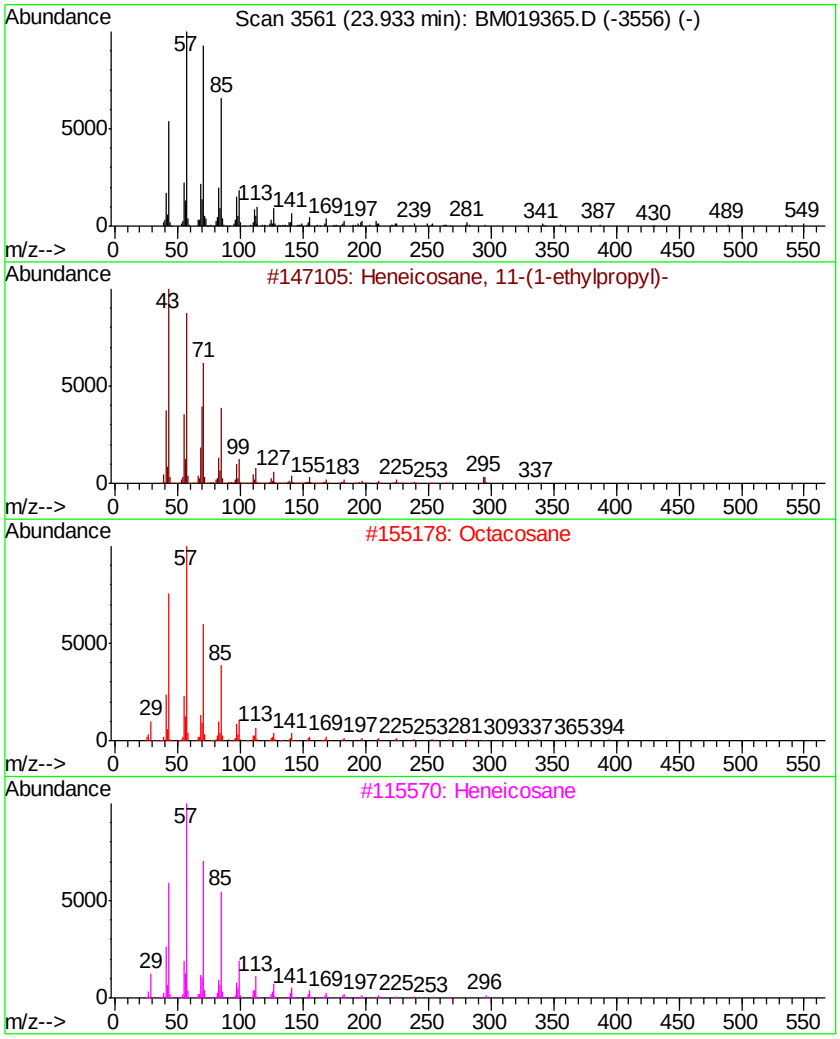
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

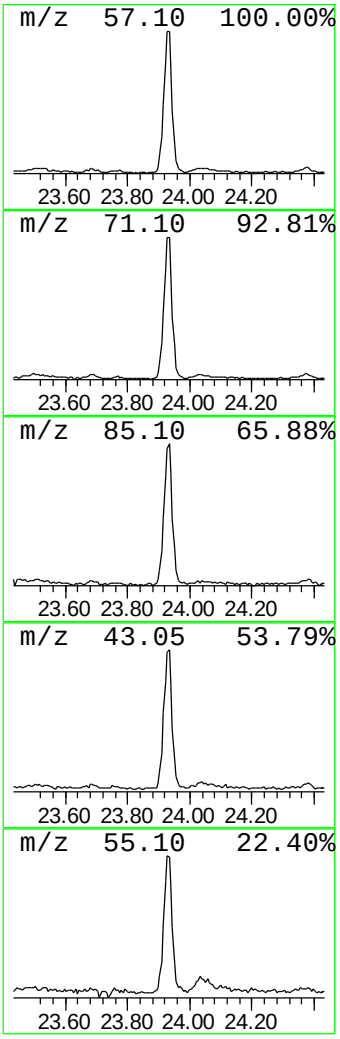
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	3.54 ng/ul	471476	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonacosane	408	C29H60	000630-03-5	87
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





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Quant Title : SVOA CALIBRATION

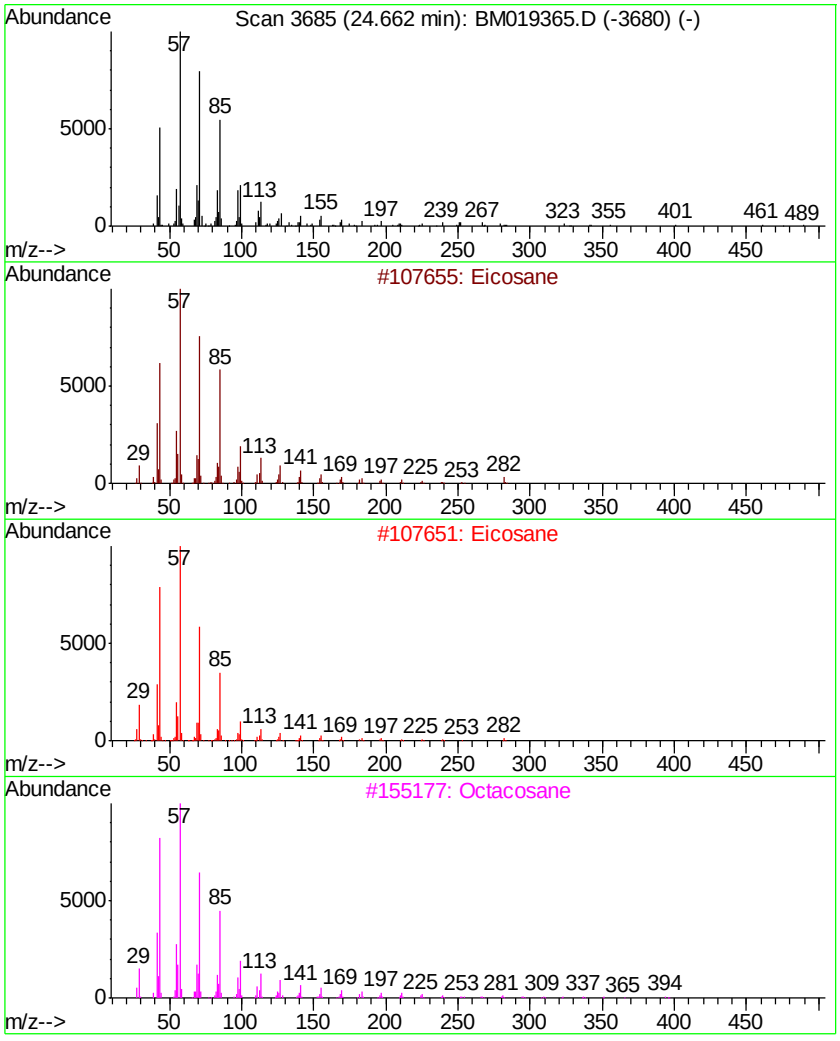
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

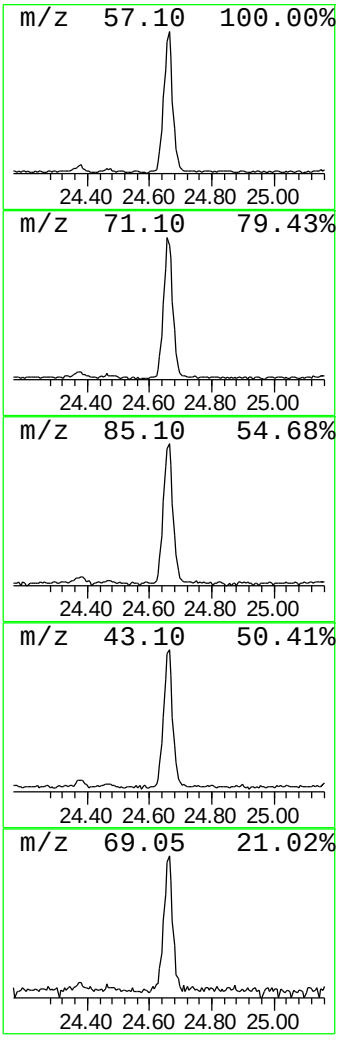
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.96 ng/ul	393991	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Octacosane	394	C28H58	000630-02-4	86





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : C09E8

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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
(DEL) Alkane: Str...	22.24	2.3	ng/ul	293124	5	21.23	2528500	20.0
(DEL) Alkane: Str...	22.74	3.2	ng/ul	422774	6	23.44	2666560	20.0
(DEL) Alkane: Str...	23.93	3.5	ng/ul	471476	6	23.44	2666560	20.0
(DEL) Alkane: Str...	24.66	3.0	ng/ul	393991	6	23.44	2666560	20.0