LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020849.D
Acq On : 10 Jun 2019 23:00
Operator : HP/JU
Sample : K3006-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFHC7

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-BM060619MA.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	3.046	5	10	28	rVB	9969246	12519106	100.00%	21.497%
2	3.305	51	54	61	rVB	36541	43905	0.35%	0.075%
3	3.934	156	161	169	rVB	81456	117143	0.94%	0.201%
4	4.028	174	177	183	rVB	24733	32370	0.26%	0.056%
5	4.134	192	195	199	rVB5	12451	17121	0.14%	0.029%
6	4.928	326	330	337	rVB	81443	114814	0.92%	0.197%
7	6.210	544	548	553	rBV6	10724	14834	0.12%	0.025%
8	6.969	671	677	689	rVB	557478	902070	7.21%	1.549%
9	7.145	701	707	720	rVB	466816	744442	5.95%	1.278%
10	7.340	733	740	751	rBV	594463	933088	7.45%	1.602%
11	7.810	813	820	827	rBV	1011430	1636817	13.07%	2.811%
12	7.863	827	829	834	rVB4	10223	14172	0.11%	0.024%
13	8.504	932	938	947	rBV	659568	1048618	8.38%	1.801%
14	8.634	954	960	966	rBV2	26950	43858	0.35%	0.075%
15	8.969	1009	1017	1027	rBV	567857	939424	7.50%	1.613%
16	9.351	1077	1082	1087	rBV2	21280	33508	0.27%	0.058%
17	9.687	1132	1139	1150	rVB	440438	741121	5.92%	1.273%
18	10.216	1222	1229	1238	rBV	733835	1181977	9.44%	2.030%
19	10.598	1285	1294	1302	rBV	1461944	2390672	19.10%	4.105%
20	10.739	1311	1318	1329	rBV	633244	1086936	8.68%	1.866%
21	11.392	1419	1429	1435	rBV10	7243	16498	0.13%	0.028%
22	12.186	1558	1564	1568	rBV4	10908	19578	0.16%	0.034%
23	13.857	1842	1848	1852	rBV	1339101	1867108	14.91%	3.206%
24	13.904	1852	1856	1864	rVB	504493	693806	5.54%	1.191%
25	14.139	1889	1896	1904	rBV	1403729	2066874	16.51%	3.549%
26	14.445	1940	1948	1957	rBV2	2163283	3194814	25.52%	5.486%
27	14.645	1975	1982	1996	rBV	276037	451121	3.60%	0.775%
28	14.857	2011	2018	2027	rBV6	38914	73477	0.59%	0.126%
29	15.239	2079	2083	2086	rBV	11710	13334	0.11%	0.023%
30	15.439	2107	2117	2127	rVB	1939865	2665003	21.29%	4.576%
31	15.557	2131	2137	2147	rBV	233075	328206	2.62%	0.564%
32	15.674	2154	2157	2161	rBV2	20221	26870	0.21%	0.046%
33	16.733	2333	2337	2341	rBV5	12238	15271	0.12%	0.026%
34	17.192	2408	2415	2422	rBV2	2430960	3550522	28.36%	6.097%

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Instrument : BNA_M
ClientSampleId : BFHC7

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-BM060619MA.M
Title : SVOA CALIBRATION

35	17.286	2425	2431	2442	rBV	1780283	2545402	20.33%	4.371%
36	17.604	2481	2485	2489	rVB3	11642	13915	0.11%	0.024%
37	18.074	2561	2565	2571	rBV2	124678	179387	1.43%	0.308%
38	18.415	2621	2623	2628	rVB6	11773	16417	0.13%	0.028%
39	19.215	2755	2759	2762	rBV2	26029	36384	0.29%	0.062%
40	19.356	2779	2783	2790	rBV3	50508	78924	0.63%	0.136%
41	19.468	2799	2802	2805	rBV4	16140	19100	0.15%	0.033%
42	19.580	2815	2821	2827	rBV	2039827	2805205	22.41%	4.817%
43	20.615	2994	2997	3000	rBV3	34420	39147	0.31%	0.067%
44	21.074	3072	3075	3080	rBV2	191602	230551	1.84%	0.396%
45	21.368	3120	3125	3132	rBV	2860811	3542257	28.29%	6.083%
46	21.515	3147	3150	3153	rVB2	152790	155172	1.24%	0.266%
47	21.956	3221	3225	3229	rBV	251204	317278	2.53%	0.545%
48	22.427	3301	3305	3310	rVB	402898	516838	4.13%	0.887%
49	22.944	3389	3393	3400	rVB	417605	604104	4.83%	1.037%
50	23.503	3482	3488	3503	rVB3	1455632	3344752	26.72%	5.743%
51	23.650	3506	3513	3525	rVB	1863232	3686265	29.45%	6.330%
52	24.186	3600	3604	3613	rVB	314720	566567	4.53%	0.973%

Sum of corrected areas: 58236143

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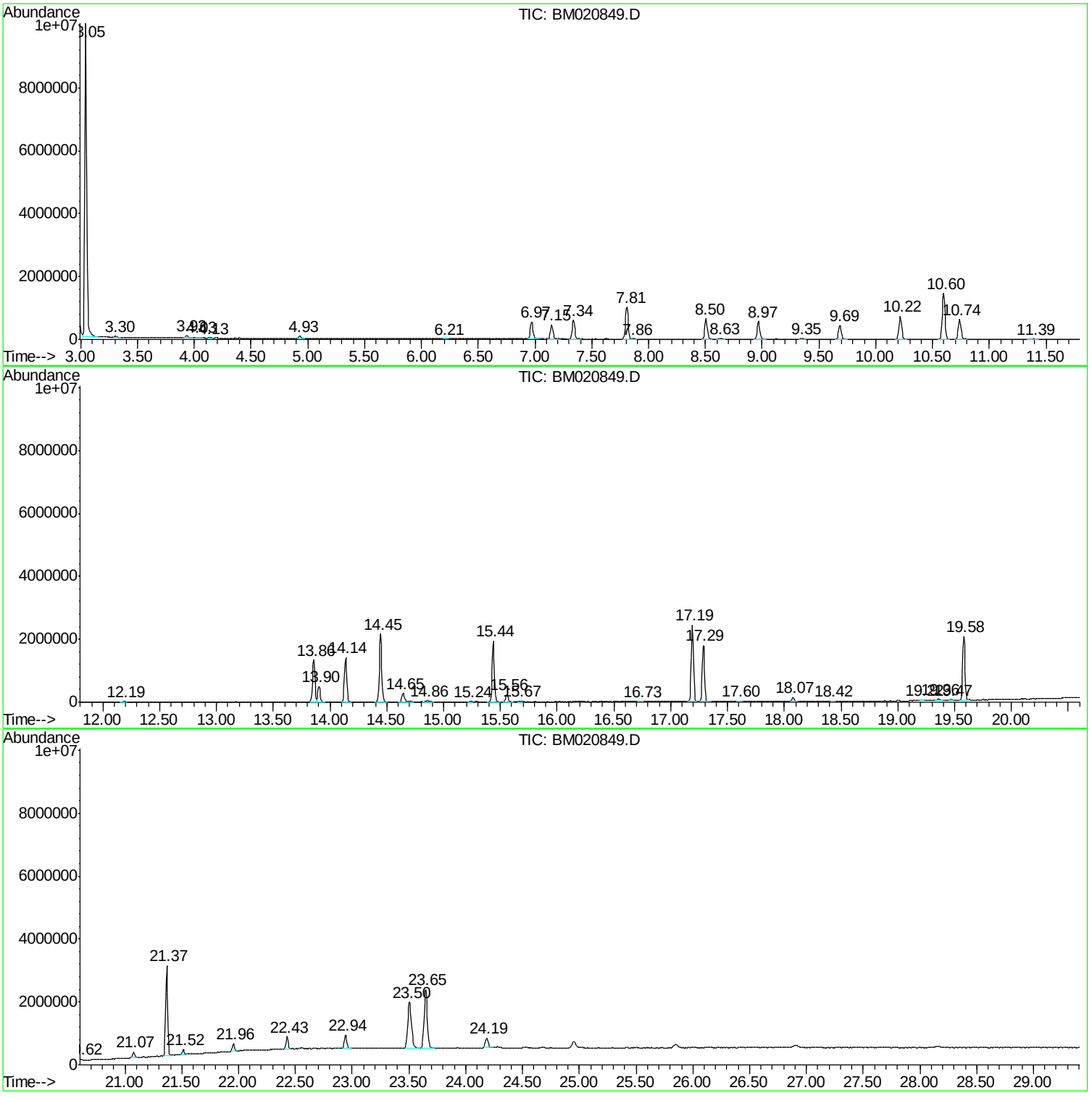
Instrument :
BNA_M
ClientSampleId :
BFHC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
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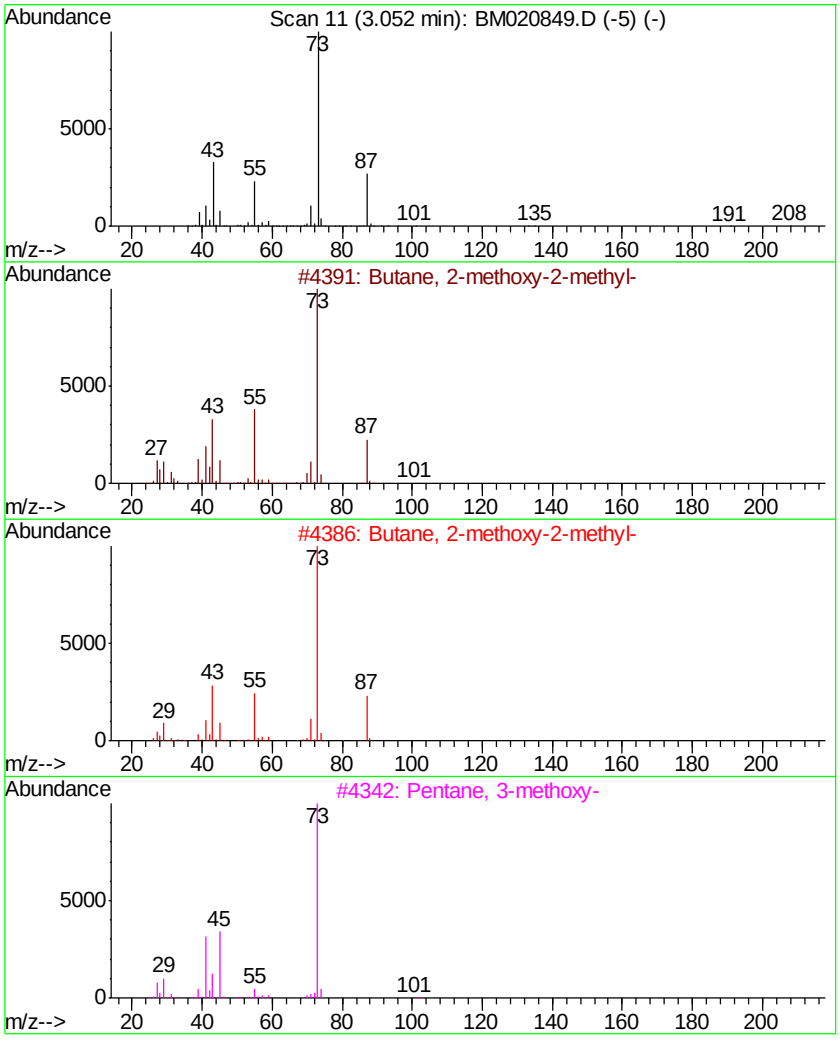
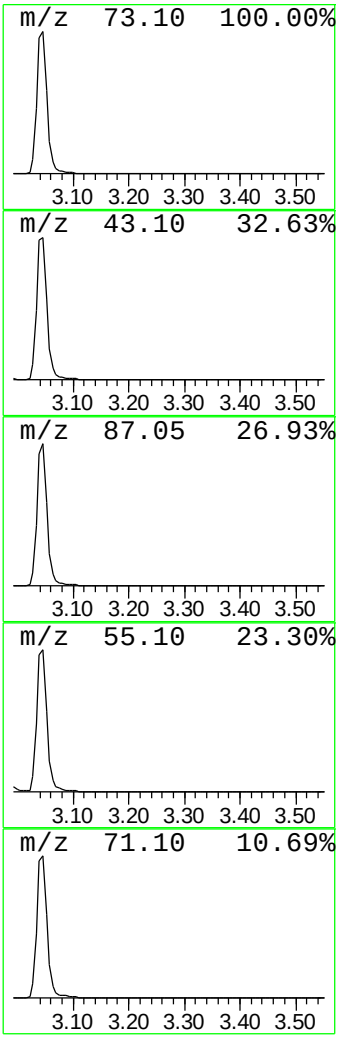
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	152.97 ng/ul	12519100	1,4-Dichlorobenzene-d4	7.81

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Instrument : BNA_M
ClientSampleId : BFHC7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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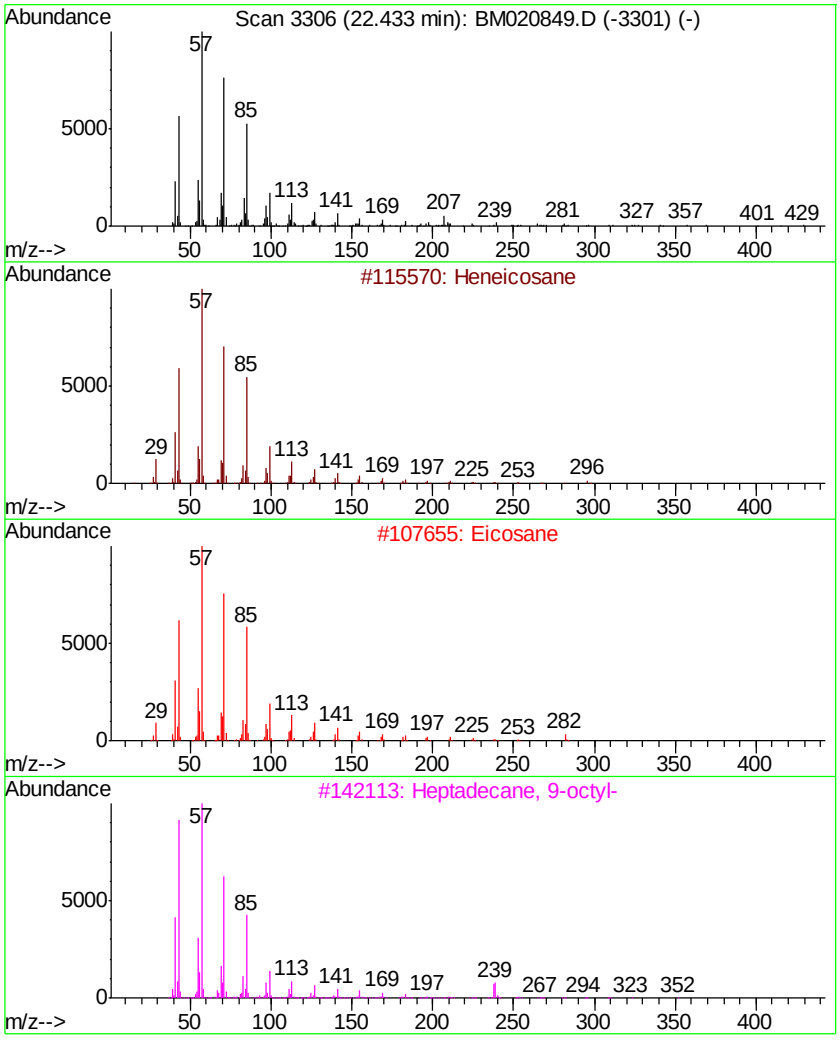
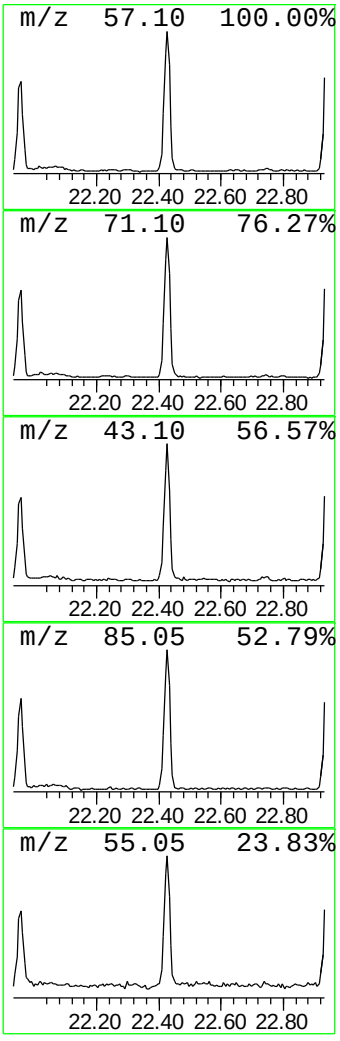
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.92 ng/ul	516838	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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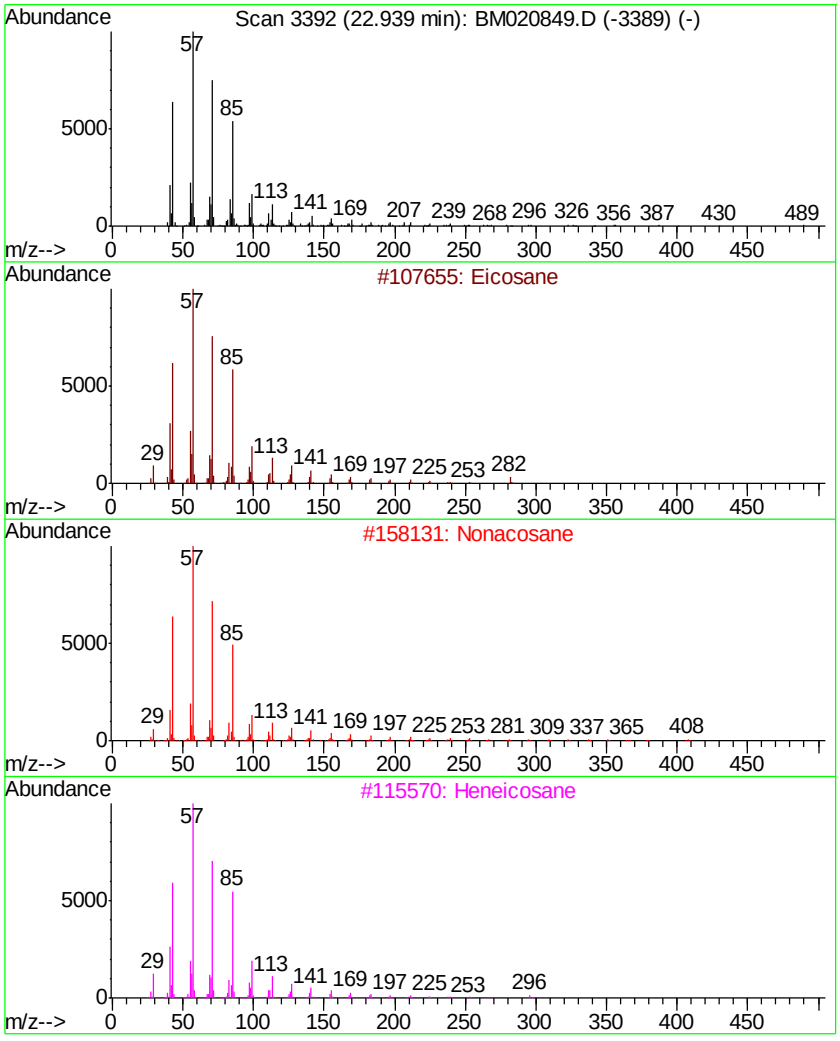
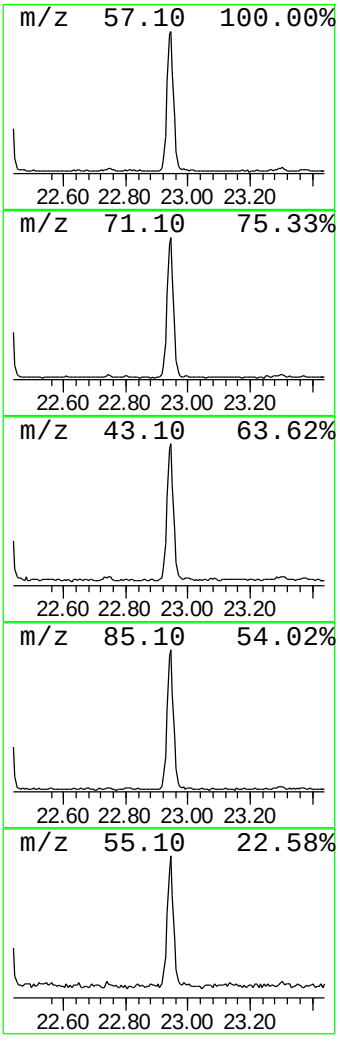
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	3.28 ng/ul	604104	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Nonacosane	408	C29H60	000630-03-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Quant Title : SVOA CALIBRATION

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

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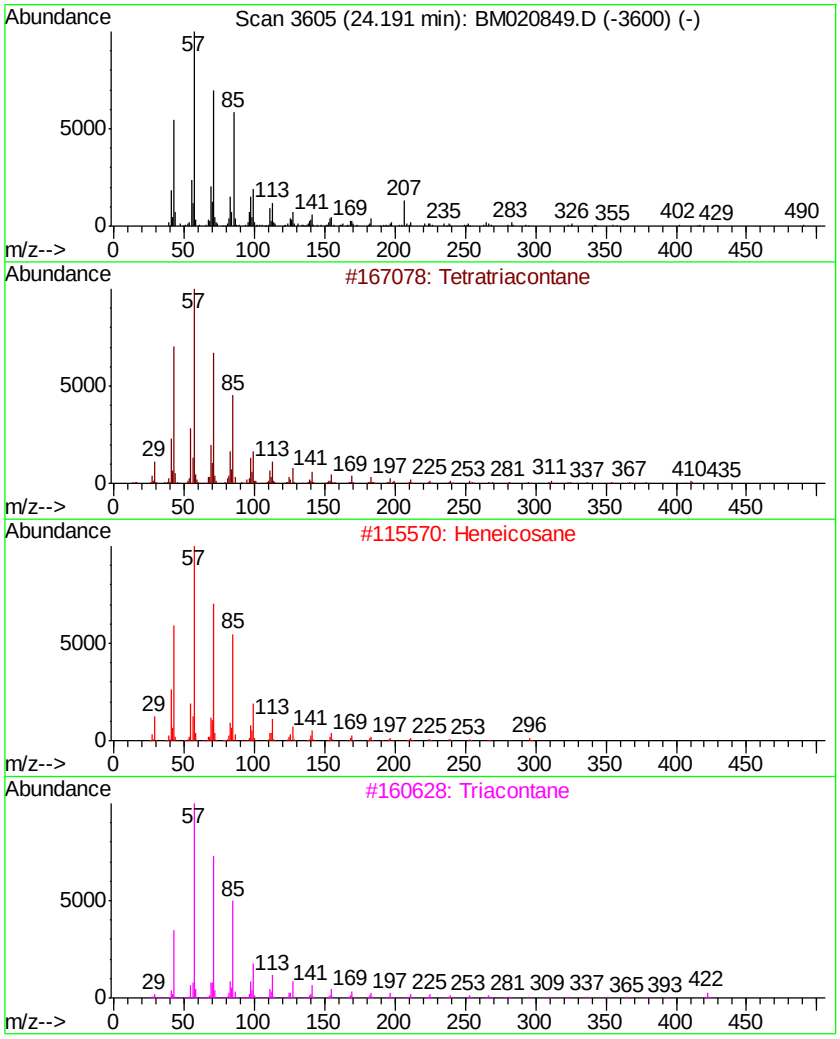
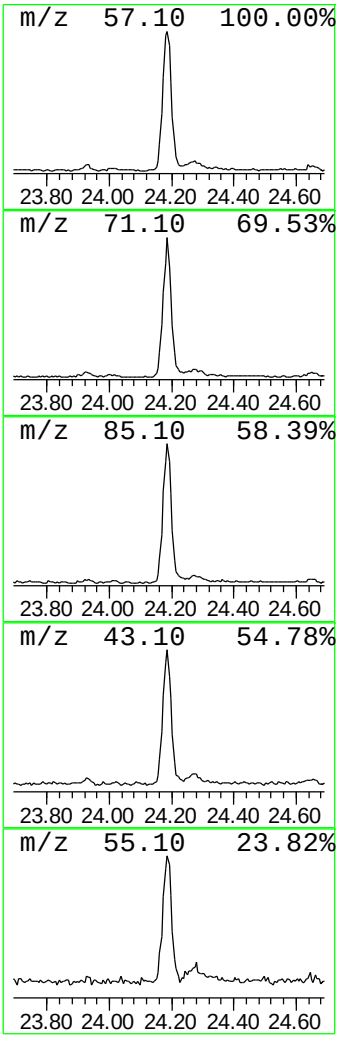
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	3.07 ng/ul	566567	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Eicosane	282	C20H42	000112-95-8	89
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	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
Butane, 2-methoxy...	3.05	153.0	ng/ul	12519100	1	7.81	1636820	20.0
(DEL) Alkane: Str...	22.43	2.9	ng/ul	516838	5	21.37	3542260	20.0
(DEL) Alkane: Str...	22.94	3.3	ng/ul	604104	6	23.65	3686270	20.0
(DEL) Alkane: Str...	24.19	3.1	ng/ul	566567	6	23.65	3686270	20.0