LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023669.D
Acq On : 12 Nov 2019 17:50
Operator : JU
Sample : K5565-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA2

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-BM111119MA.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	3.075	29	32	44	rVB	89034	140627	1.13%	0.104%
2	3.711	136	140	145	rVB5	13691	21169	0.17%	0.016%
3	3.781	150	152	157	rVB	18026	26425	0.21%	0.020%
4	4.122	206	210	216	rBV	58881	96349	0.78%	0.071%
5	6.234	565	569	574	rBV6	10626	16420	0.13%	0.012%
6	6.728	646	653	667	rBV	1892883	3113596	25.13%	2.303%
7	6.887	672	680	696	rBV	1356179	2198932	17.75%	1.626%
8	7.081	705	713	727	rBV	1880583	2952799	23.83%	2.184%
9	7.540	783	791	801	rBV	1634543	2646230	21.36%	1.957%
10	7.628	801	806	811	rVB2	16677	29991	0.24%	0.022%
11	8.257	906	913	925	rBV	2461947	3917497	31.62%	2.897%
12	8.693	979	987	998	rBV	1728865	2781896	22.45%	2.057%
13	9.152	1060	1065	1075	rVB	25734	44825	0.36%	0.033%
14	9.410	1100	1109	1119	rBV	1447268	2330133	18.81%	1.723%
15	9.946	1193	1200	1214	rBV	2572512	4275397	34.51%	3.162%
16	10.316	1256	1263	1275	rBV	2515687	4199837	33.90%	3.106%
17	10.457	1279	1287	1301	rBV	2210378	3820737	30.84%	2.826%
18	11.322	1429	1434	1440	rBV8	15120	37414	0.30%	0.028%
19	11.557	1469	1474	1480	rBV5	7439	14929	0.12%	0.011%
20	11.869	1520	1527	1532	rBV	181344	313336	2.53%	0.232%
21	11.916	1532	1535	1543	rVB	45929	76115	0.61%	0.056%
22	12.557	1638	1644	1647	rBV6	8868	16160	0.13%	0.012%
23	12.810	1683	1687	1692	rBV5	8171	13250	0.11%	0.010%
24	13.622	1818	1825	1829	rBV	4869838	6654272	53.71%	4.921%
25	13.663	1829	1832	1845	rVB	1462466	2015313	16.27%	1.490%
26	13.887	1863	1870	1885	rBV	5454726	8095983	65.34%	5.987%
27	14.134	1907	1912	1916	rBV5	11258	15322	0.12%	0.011%
28	14.198	1916	1923	1933	rBV	4636820	6732615	54.34%	4.979%
29	14.416	1954	1960	1977	rBV	1762808	2681947	21.65%	1.983%
30	14.634	1991	1997	2005	rVB6	51332	87293	0.70%	0.065%
31	15.039	2059	2066	2070	rBV4	14072	26221	0.21%	0.019%
32	15.086	2070	2074	2077	rVB4	16274	20437	0.16%	0.015%
33	15.198	2086	2093	2106	rVB	7441720	10294402	83.09%	7.613%
34	15.328	2109	2115	2126	rBV	1673347	2265779	18.29%	1.676%

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ClientSampleId : JLNA2

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-BM111119MA.M
Title : SVOA CALIBRATION

35	15.439	2129	2134	2139	rVB2	89175	124078	1.00%	0.092%
36	15.951	2218	2221	2223	rVV4	10822	13366	0.11%	0.010%
37	15.980	2223	2226	2236	rVB7	32650	57096	0.46%	0.042%
38	16.116	2243	2249	2254	rBV10	9606	18657	0.15%	0.014%
39	16.210	2260	2265	2269	rVB7	7673	13566	0.11%	0.010%
40	16.628	2333	2336	2340	rVB4	14695	23123	0.19%	0.017%
41	16.739	2350	2355	2360	rBV2	32195	50009	0.40%	0.037%
42	16.951	2384	2391	2401	rBV	5845211	8287681	66.89%	6.129%
43	17.045	2401	2407	2421	rVV	7775554	11033231	89.05%	8.160%
44	17.157	2421	2426	2431	rVB2	89982	114876	0.93%	0.085%
45	17.363	2457	2461	2467	rVB8	11747	20785	0.17%	0.015%
46	17.874	2543	2548	2556	rBV	421842	675194	5.45%	0.499%
47	18.174	2596	2599	2602	rBV4	15988	18594	0.15%	0.014%
48	18.816	2704	2708	2713	rBV3	39094	48367	0.39%	0.036%
49	18.986	2732	2737	2740	rBV	97099	136023	1.10%	0.101%
50	19.163	2763	2767	2774	rBV5	86147	135118	1.09%	0.100%
51	19.239	2776	2780	2785	rVV	79797	114627	0.93%	0.085%
52	19.351	2793	2799	2805	rBV	9420893	12390181	100.00%	9.163%
53	19.398	2805	2807	2810	rVV2	68599	69554	0.56%	0.051%
54	19.433	2810	2813	2819	rVB3	61986	74125	0.60%	0.055%
55	19.698	2856	2858	2863	rVB	51050	61205	0.49%	0.045%
56	19.898	2889	2892	2895	rBV4	43867	69855	0.56%	0.052%
57	19.933	2895	2898	2904	rVB	115091	145078	1.17%	0.107%
58	20.433	2980	2983	2987	rVB	185187	188879	1.52%	0.140%
59	20.892	3056	3061	3068	rBV	1524743	2334554	18.84%	1.727%
60	21.151	3100	3105	3114	rBV	6075420	7836406	63.25%	5.796%
61	21.333	3133	3136	3141	rBV	499982	571355	4.61%	0.423%
62	21.757	3205	3208	3216	rBV	587235	741260	5.98%	0.548%
63	22.209	3281	3285	3290	rVB	612370	749239	6.05%	0.554%
64	22.698	3364	3368	3375	rVB	608031	840892	6.79%	0.622%
65	23.174	3443	3449	3456	rBV	5052232	8889961	71.75%	6.575%
66	23.239	3457	3460	3465	rVV	563483	899189	7.26%	0.665%
67	23.309	3466	3472	3481	rVB	3590813	6495151	52.42%	4.804%

Sum of corrected areas: 135214923

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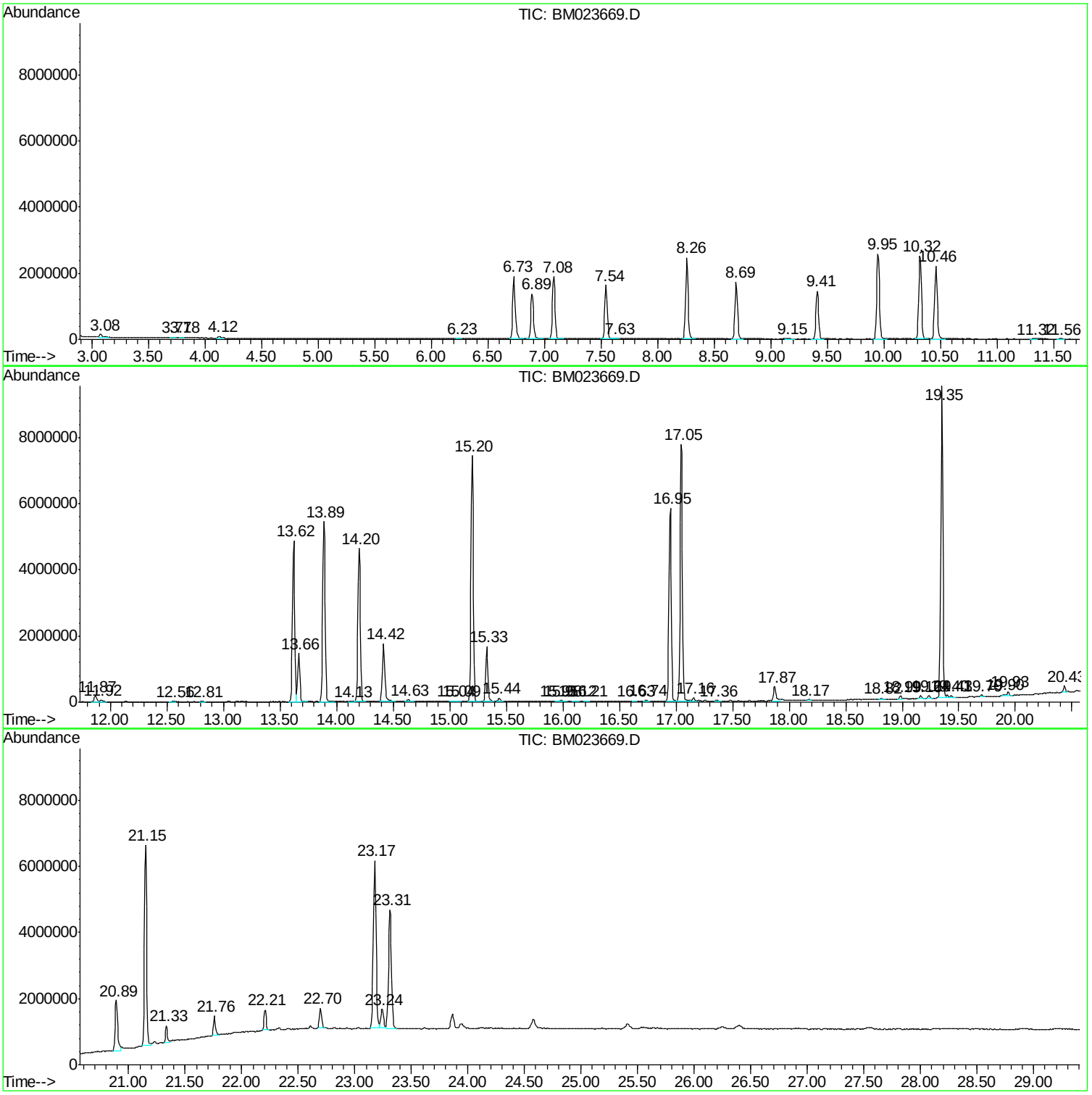
Instrument :
BNA_M
ClientSampleId :
JLNA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



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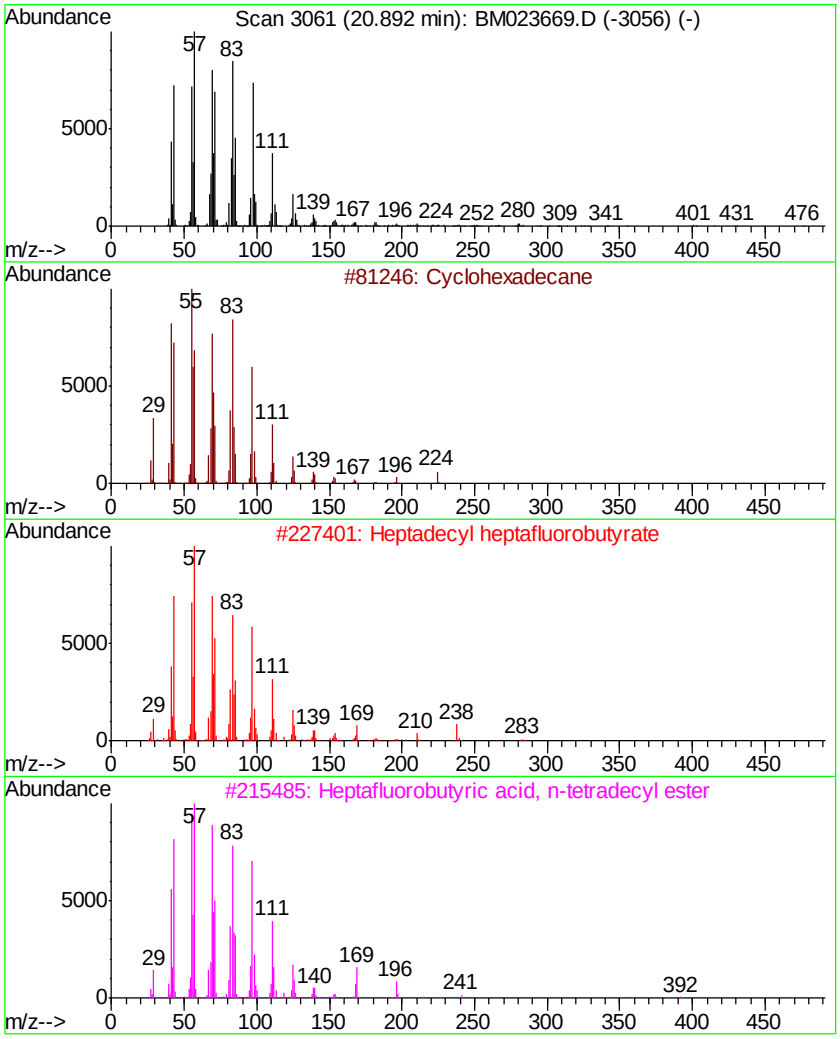
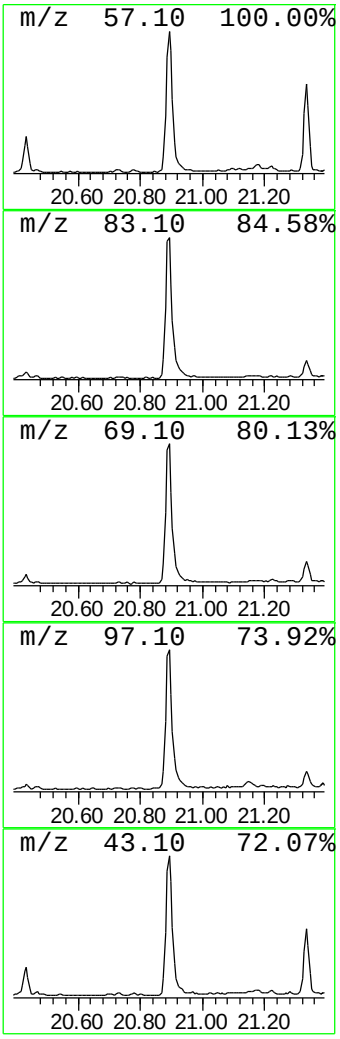
****

Peak Number 1 (DEL) Alkane: Cyclic20.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.96 ng/ul	2334550	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





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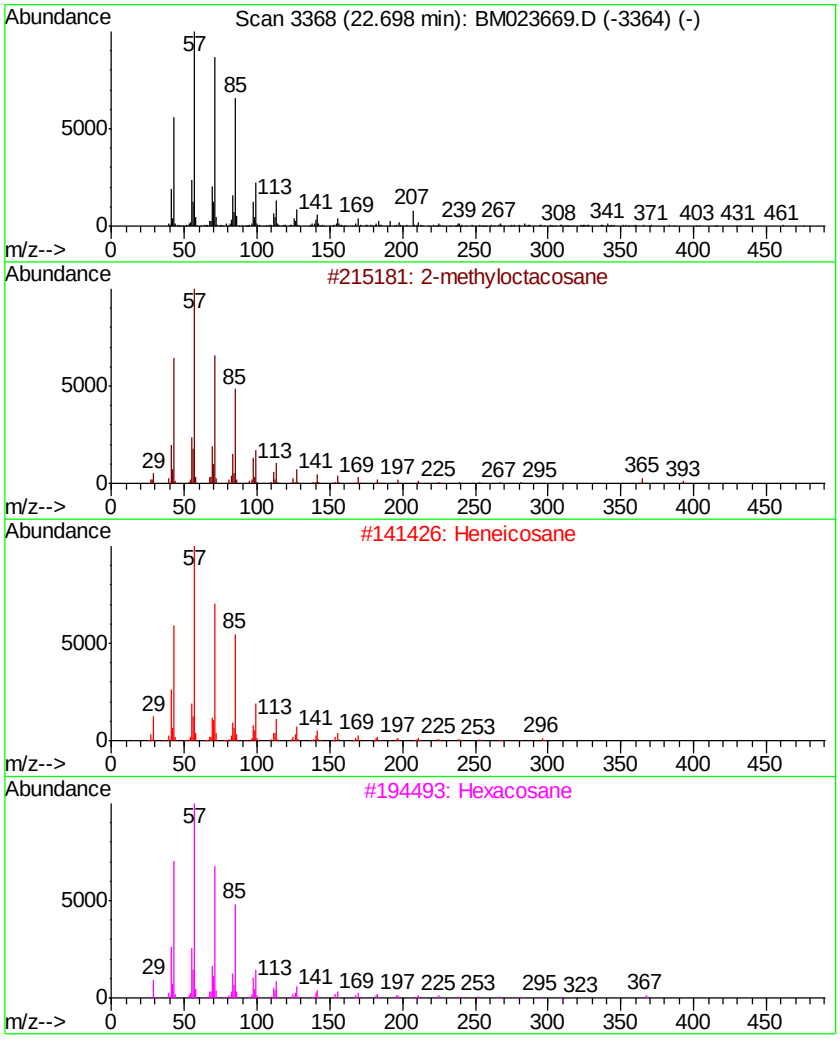
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

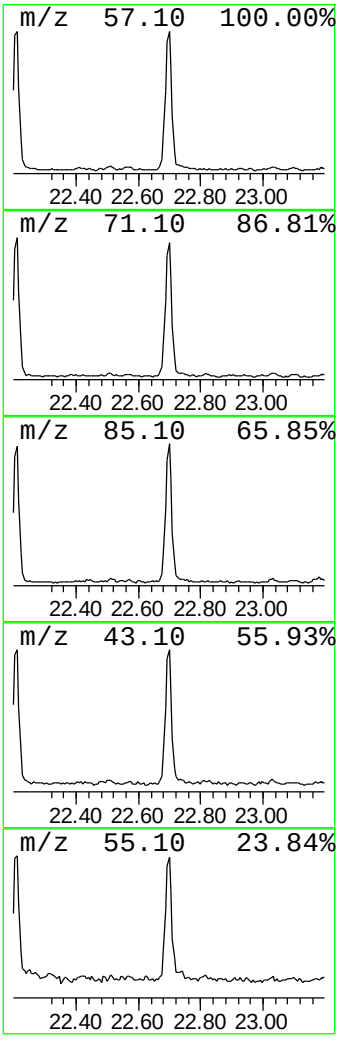
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.59 ng/ul	840892	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

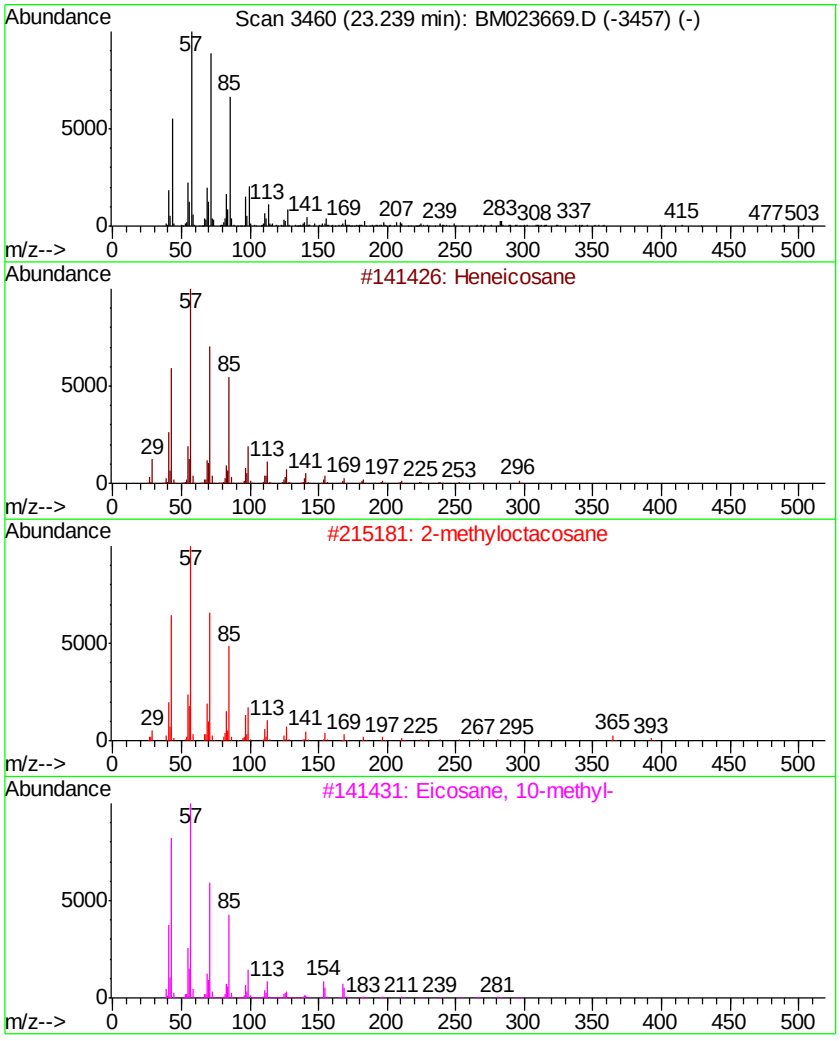
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

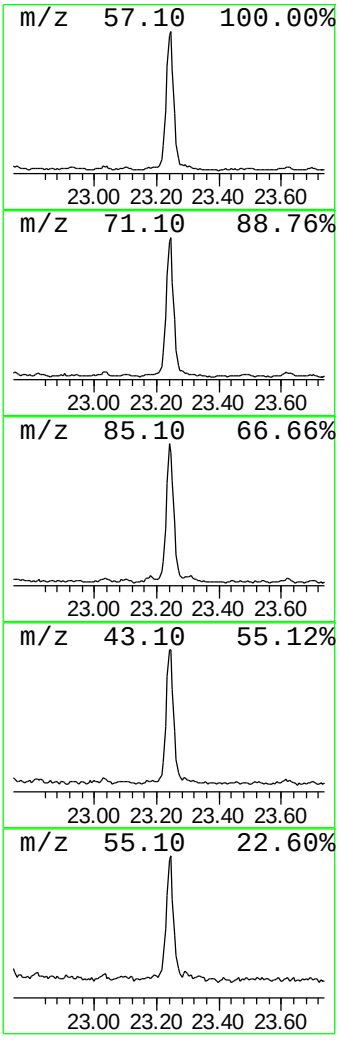
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	2.77 ng/ul	899189	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4	Eicosane	282	C20H42	000112-95-8	90
5	Eicosane	282	C20H42	000112-95-8	90





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	20.89	6.0	ng/ul	2334550	5	21.15	7836410	20.0
(DEL) Alkane: Str...	22.70	2.6	ng/ul	840892	6	23.31	6495150	20.0
(DEL) Alkane: Str...	23.24	2.8	ng/ul	899189	6	23.31	6495150	20.0