LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044372.D
Acq On : 27 Feb 2024 18:20
Operator : MA/JU
Sample : P1469-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9R4

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\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	44	47	54	rVB	79869	94339	1.42%	0.136%
2	3.781	114	118	135	rBV	951002	1490387	22.43%	2.154%
3	4.104	170	173	178	rVB3	16345	22577	0.34%	0.033%
4	7.104	676	683	695	rBV	1155099	1858831	27.98%	2.687%
5	7.281	707	713	726	rBV	1007919	1563229	23.53%	2.259%
6	7.463	737	744	757	rBV	1148773	1813854	27.30%	2.622%
7	7.940	817	825	832	rBV	720792	1151973	17.34%	1.665%
8	8.651	938	946	957	rBV	1403557	2257875	33.99%	3.263%
9	9.110	1014	1024	1034	rBV	1110066	1830266	27.55%	2.645%
10	9.275	1047	1052	1056	rBV6	9666	14578	0.22%	0.021%
11	9.498	1087	1090	1096	rVB4	8390	13949	0.21%	0.020%
12	9.828	1139	1146	1165	rBV	890685	1535351	23.11%	2.219%
13	10.363	1229	1237	1250	rBV	1390911	2334562	35.14%	3.374%
14	10.745	1294	1302	1313	rVB	998215	1689521	25.43%	2.442%
15	10.892	1313	1327	1351	rBV	1355507	2492570	37.52%	3.602%
16	12.333	1564	1572	1578	rBV2	27031	49359	0.74%	0.071%
17	13.192	1715	1718	1723	rVB7	3714	6895	0.10%	0.010%
18	13.410	1752	1755	1760	rVB5	9043	12451	0.19%	0.018%
19	13.486	1763	1768	1774	rBV2	52145	86171	1.30%	0.125%
20	13.557	1776	1780	1786	rVB7	8247	14853	0.22%	0.021%
21	14.004	1848	1856	1871	rBV	2560167	3560372	53.59%	5.146%
22	14.274	1893	1902	1916	rBV	3049808	4515307	67.96%	6.526%
23	14.486	1934	1938	1942	rVB6	5498	6707	0.10%	0.010%
24	14.580	1946	1954	1963	rBV	1476670	2145046	32.29%	3.100%
25	14.786	1982	1989	2020	rBV	827707	1709792	25.74%	2.471%
26	14.998	2022	2025	2026	rBV3	7758	8005	0.12%	0.012%
27	15.439	2095	2100	2102	rBV5	6633	7368	0.11%	0.011%
28	15.574	2115	2123	2136	rBV	3842606	5529043	83.22%	7.991%
29	15.698	2138	2144	2157	rVV	1066064	1480174	22.28%	2.139%
30	15.810	2160	2163	2174	rVB4	19868	39569	0.60%	0.057%
31	16.298	2243	2246	2250	rBV5	7641	15285	0.23%	0.022%
32	16.363	2253	2257	2263	rVB6	12980	21515	0.32%	0.031%
33	16.733	2317	2320	2324	rBV4	11733	16097	0.24%	0.023%
34	16.874	2341	2344	2351	rBV7	7423	12148	0.18%	0.018%
35	17.004	2361	2366	2371	rVB9	8726	12877	0.19%	0.019%
36	17.098	2377	2382	2386	rBV4	11718	20276	0.31%	0.029%

LSC Area Percent Report

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Instrument :
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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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

37	17.145	2386	2390	2395	rVB5	10759	18990	0.29%	0.027%
38	17.333	2415	2422	2428	rBV	1632576	2433097	36.62%	3.516%
39	17.427	2432	2438	2449	rVV	3854363	5680510	85.50%	8.210%
40	17.533	2449	2456	2461	rVV7	28916	67770	1.02%	0.098%
41	17.692	2481	2483	2485	rBV3	5640	6733	0.10%	0.010%
42	17.845	2505	2509	2513	rBV6	11078	15790	0.24%	0.023%
43	18.021	2536	2539	2544	rVB5	10493	13027	0.20%	0.019%
44	18.109	2551	2554	2558	rBV6	5956	7194	0.11%	0.010%
45	18.245	2571	2577	2588	rBV	504489	780888	11.75%	1.129%
46	18.539	2623	2627	2629	rBV4	16905	23627	0.36%	0.034%
47	18.568	2629	2632	2635	rVB3	17565	24847	0.37%	0.036%
48	18.674	2647	2650	2655	rVB6	15488	15501	0.23%	0.022%
49	18.721	2655	2658	2664	rVB6	10102	16485	0.25%	0.024%
50	18.909	2686	2690	2694	rBV7	11816	16890	0.25%	0.024%
51	19.109	2720	2724	2727	rBV3	18981	30155	0.45%	0.044%
52	19.168	2732	2734	2739	rVB4	15710	21154	0.32%	0.031%
53	19.292	2750	2755	2760	rBV	57170	77320	1.16%	0.112%
54	19.362	2763	2767	2771	rVV	50491	75583	1.14%	0.109%
55	19.403	2771	2774	2778	rVB5	16646	21356	0.32%	0.031%
56	19.521	2790	2794	2801	rBV	155841	212366	3.20%	0.307%
57	19.680	2818	2821	2823	rBV4	17620	17187	0.26%	0.025%
58	19.727	2823	2829	2837	rVV	4873054	6643685	100.00%	9.602%
59	19.792	2838	2840	2844	rVB5	15899	16355	0.25%	0.024%
60	20.292	2923	2925	2930	rVB3	33613	39151	0.59%	0.057%
61	20.792	3007	3010	3014	rBV	46339	49336	0.74%	0.071%
62	21.256	3085	3089	3099	rBV	581083	920454	13.85%	1.330%
63	21.527	3130	3135	3143	rBV2	1848612	2500941	37.64%	3.615%
64	21.709	3164	3166	3171	rVB2	72435	84321	1.27%	0.122%
65	22.180	3244	3246	3260	rVB3	87638	163988	2.47%	0.237%
66	22.692	3330	3333	3340	rVB	105519	144733	2.18%	0.209%
67	23.256	3426	3429	3435	rVB	138893	195799	2.95%	0.283%
68	23.791	3512	3520	3533	rBV2	3234277	6497810	97.80%	9.391%
69	23.950	3541	3547	3556	rVB	1190462	2540277	38.24%	3.671%
70	24.650	3661	3666	3675	rVB3	177000	384826	5.79%	0.556%

Sum of corrected areas: 69191318

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Instrument :
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ClientSampleId :
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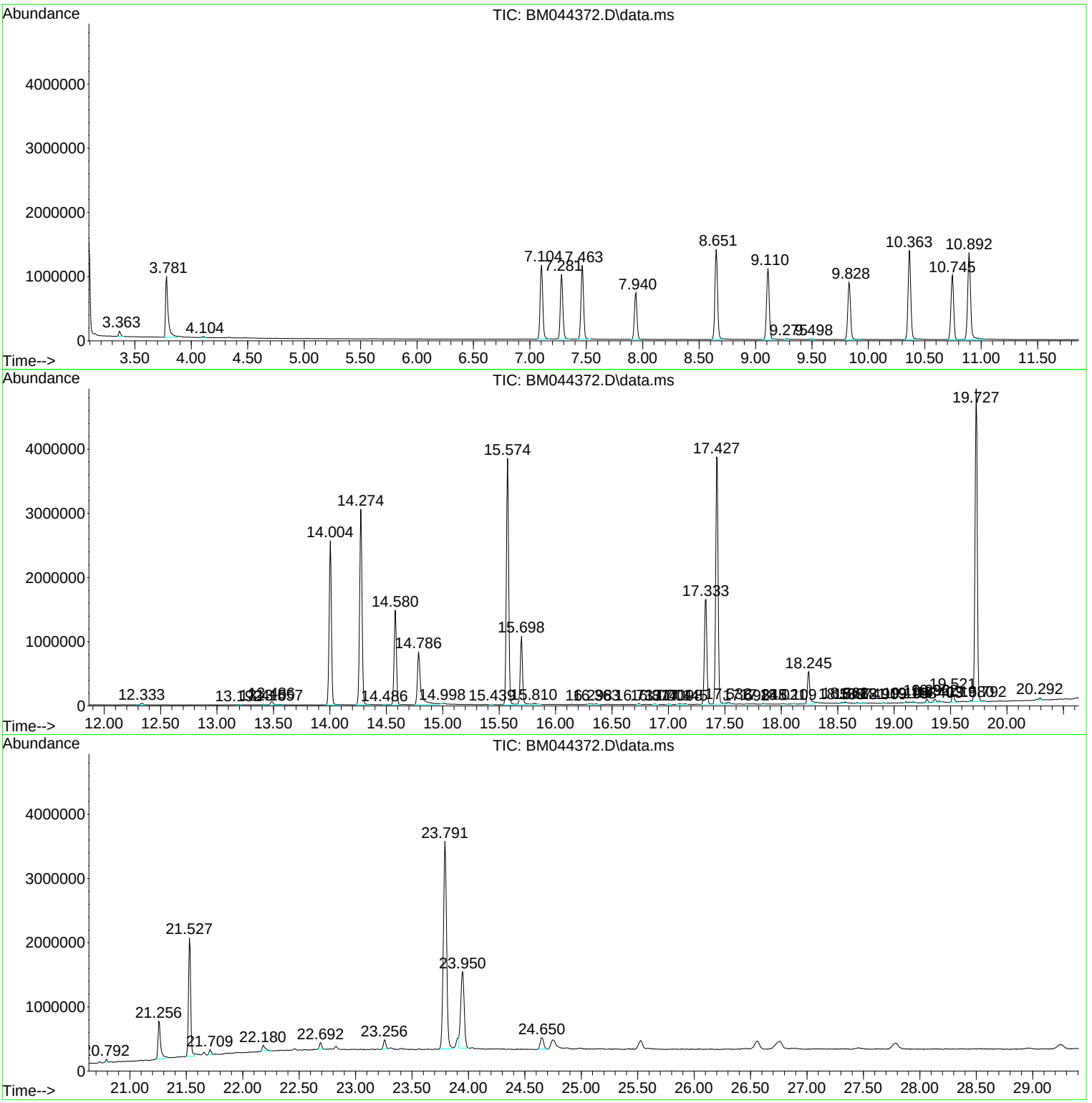
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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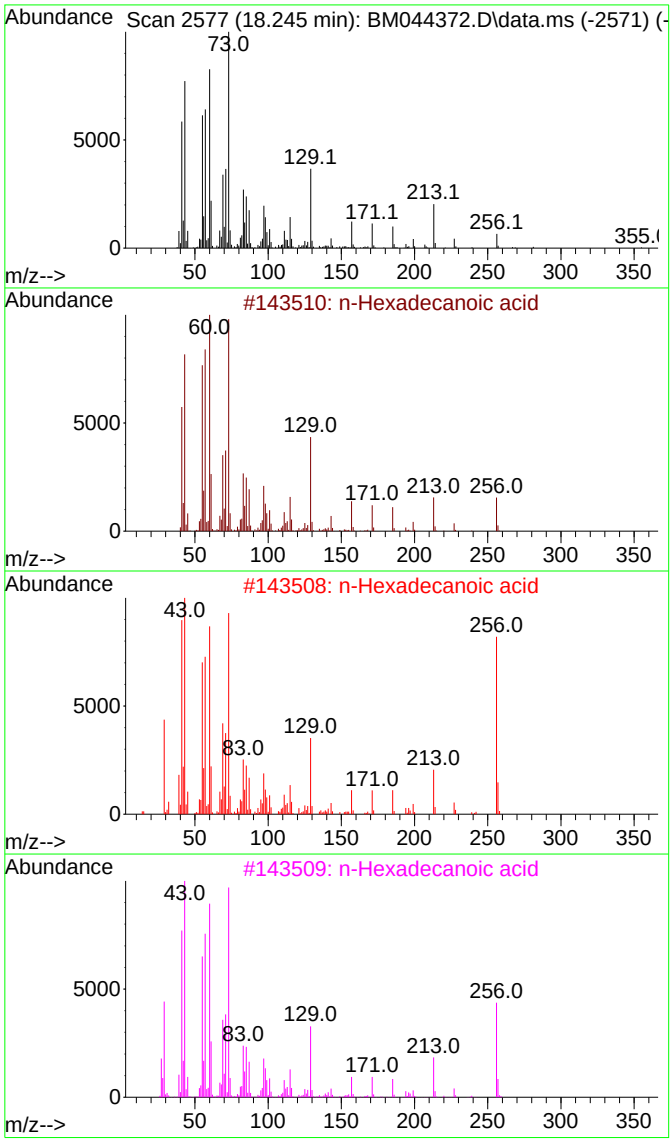
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

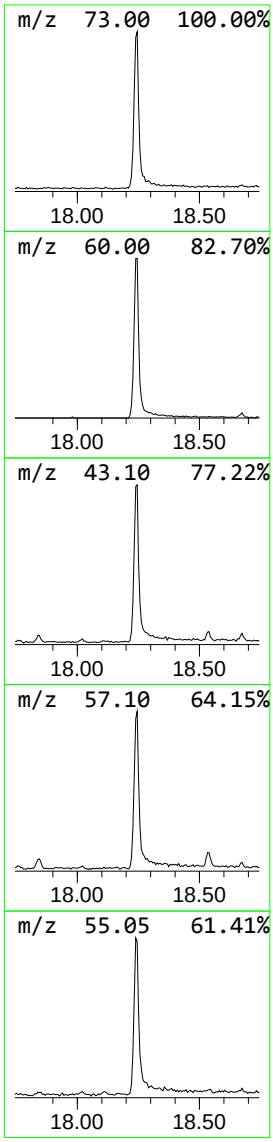
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	6.42 ng/ul	780888	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





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Instrument :
BNA_M
ClientSampleId :
BH9R4

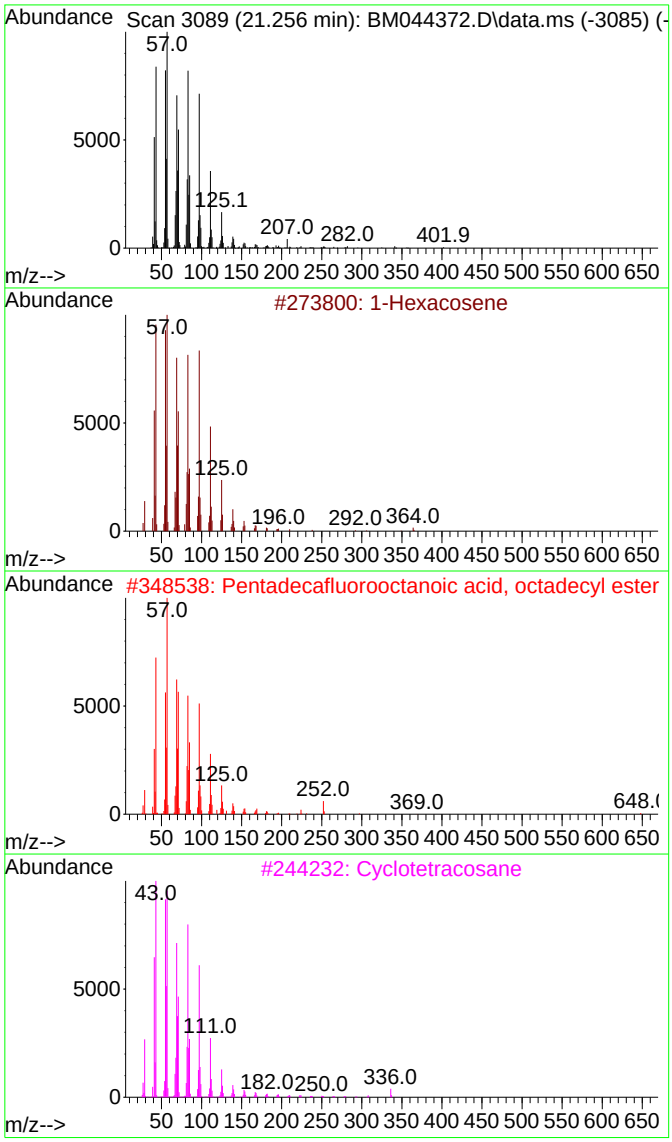
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

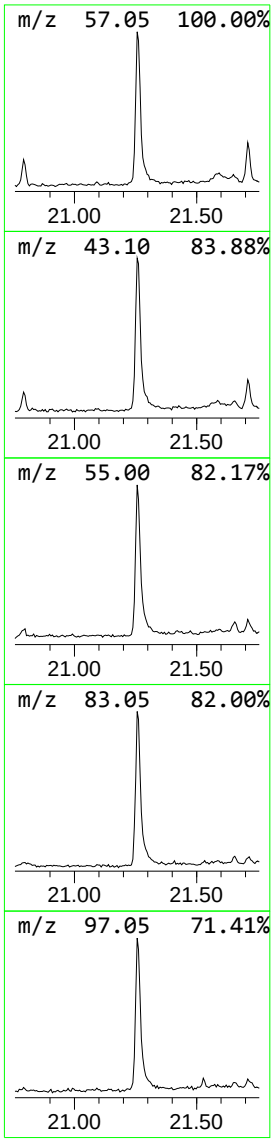
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	7.36 ng/ul	920454	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	1-Docosene	308	C22H44	001599-67-3	91
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91





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Instrument :
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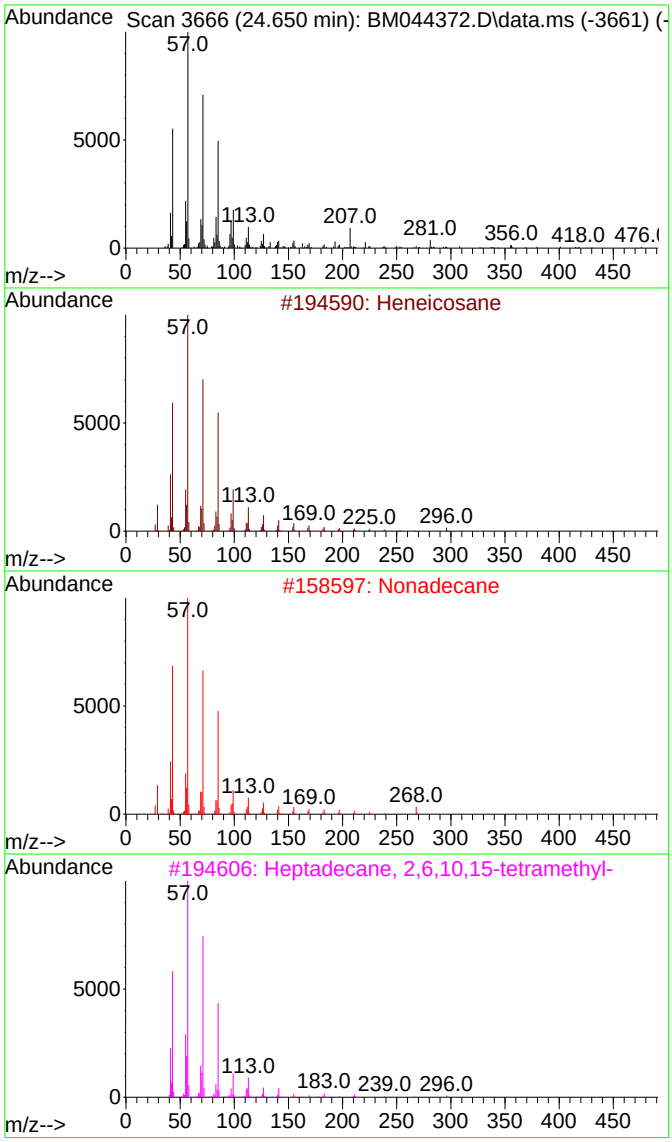
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

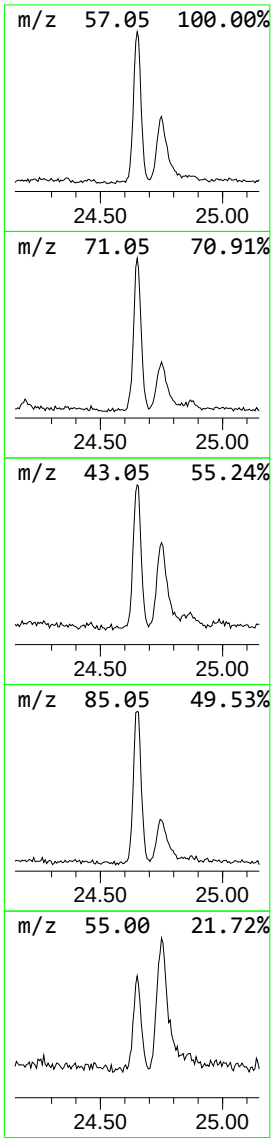
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.650	3.03 ng/ul	384826	Perylene-d12	23.950

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	83





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
n-Hexadecanoic ...	18.245	6.4	ng/ul	780888	4	17.333	2433100	20.0
(DEL) Alkane: S...	21.256	7.4	ng/ul	920454	5	21.527	2500940	20.0
(DEL) Alkane: S...	24.650	3.0	ng/ul	384826	6	23.950	2540280	20.0