LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044435.D
Acq On : 29 Feb 2024 12:24
Operator : MA/JU
Sample : P1535-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC0

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: BM044435.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	45	48	56	rVB	44858	60827	1.00%	0.113%
2	3.805	118	122	136	rBV	100906	197118	3.26%	0.365%
3	4.116	172	175	180	rVB	16547	21345	0.35%	0.039%
4	4.346	210	214	218	rVB4	16542	25667	0.42%	0.047%
5	4.752	281	283	289	rVB4	6711	9703	0.16%	0.018%
6	5.081	337	339	345	rVB6	5416	7429	0.12%	0.014%
7	7.122	678	686	701	rVB	196769	334122	5.52%	0.618%
8	7.298	709	716	727	rBV	807579	1280270	21.15%	2.369%
9	7.481	740	747	758	rBV	762144	1193050	19.71%	2.207%
10	7.957	820	828	836	rBV	655555	1066535	17.62%	1.973%
11	8.669	942	949	958	rBV	584290	960043	15.86%	1.776%
12	9.128	1019	1027	1039	rBV	886667	1491117	24.63%	2.759%
13	9.845	1138	1149	1164	rBV	680092	1181414	19.52%	2.186%
14	10.381	1232	1240	1262	rBV	1018477	1804619	29.81%	3.339%
15	10.763	1296	1305	1315	rBV	956701	1614734	26.68%	2.988%
16	10.916	1322	1331	1348	rBV	374599	751933	12.42%	1.391%
17	12.351	1571	1575	1583	rVB2	20176	37304	0.62%	0.069%
18	13.504	1764	1771	1776	rBV4	17843	29429	0.49%	0.054%
19	14.022	1852	1859	1873	rBV	2174716	3158548	52.18%	5.844%
20	14.286	1897	1904	1916	rBV	2469561	3772227	62.32%	6.979%
21	14.592	1950	1956	1965	rBV	1338762	2076064	34.30%	3.841%
22	14.822	1988	1995	2004	rBV2	50899	151466	2.50%	0.280%
23	15.010	2024	2027	2040	rVB2	7748	20268	0.33%	0.037%
24	15.398	2088	2093	2098	rBV	22575	31227	0.52%	0.058%
25	15.586	2118	2125	2134	rBV	3223500	4754515	78.55%	8.797%
26	15.710	2140	2146	2157	rBV	955862	1369114	22.62%	2.533%
27	15.827	2163	2166	2173	rVB4	15553	25727	0.43%	0.048%
28	16.374	2255	2259	2264	rVB6	10824	17077	0.28%	0.032%
29	17.021	2366	2369	2373	rBV6	5883	7190	0.12%	0.013%
30	17.133	2384	2388	2391	rVB5	5365	7665	0.13%	0.014%
31	17.345	2417	2424	2432	rBV	1613760	2366740	39.10%	4.379%
32	17.445	2434	2441	2456	rVV	3639353	5287974	87.36%	9.784%
33	18.027	2536	2540	2544	rVB5	12188	16334	0.27%	0.030%
34	18.251	2573	2578	2585	rBV2	65426	105858	1.75%	0.196%
35	18.580	2631	2634	2643	rBV10	7083	13454	0.22%	0.025%
36	18.739	2657	2661	2663	rBV5	6308	8315	0.14%	0.015%

LSC Area Percent Report

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Sample : P1535-14
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AC0

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

37	19.109	2720	2724	2727	rBV6	6676	11399	0.19%	0.021%
38	19.304	2753	2757	2763	rVB2	47618	64810	1.07%	0.120%
39	19.374	2765	2769	2774	rBV	42216	65481	1.08%	0.121%
40	19.445	2779	2781	2786	rVB5	14570	17910	0.30%	0.033%
41	19.533	2792	2796	2803	rBV4	45347	63856	1.05%	0.118%
42	19.686	2819	2822	2825	rBV	30160	33432	0.55%	0.062%
43	19.739	2825	2831	2840	rVV	4411883	6052935	100.00%	11.199%
44	20.739	2999	3001	3004	rVB2	29737	27429	0.45%	0.051%
45	21.274	3088	3092	3095	rBV4	45078	70833	1.17%	0.131%
46	21.539	3131	3137	3144	rBV	1648564	2293064	37.88%	4.243%
47	22.692	3329	3333	3344	rVB2	187938	326287	5.39%	0.604%
48	23.268	3428	3431	3440	rVB	163332	254690	4.21%	0.471%
49	23.803	3514	3522	3534	rBV2	2846503	5784746	95.57%	10.703%
50	23.921	3537	3542	3543	rVV	243388	382797	6.32%	0.708%
51	23.962	3543	3549	3558	rVB	1154783	2458529	40.62%	4.549%
52	24.668	3665	3669	3679	rVB2	206717	422610	6.98%	0.782%
53	25.550	3814	3819	3829	rVB4	182442	461335	7.62%	0.854%

Sum of corrected areas: 54048565

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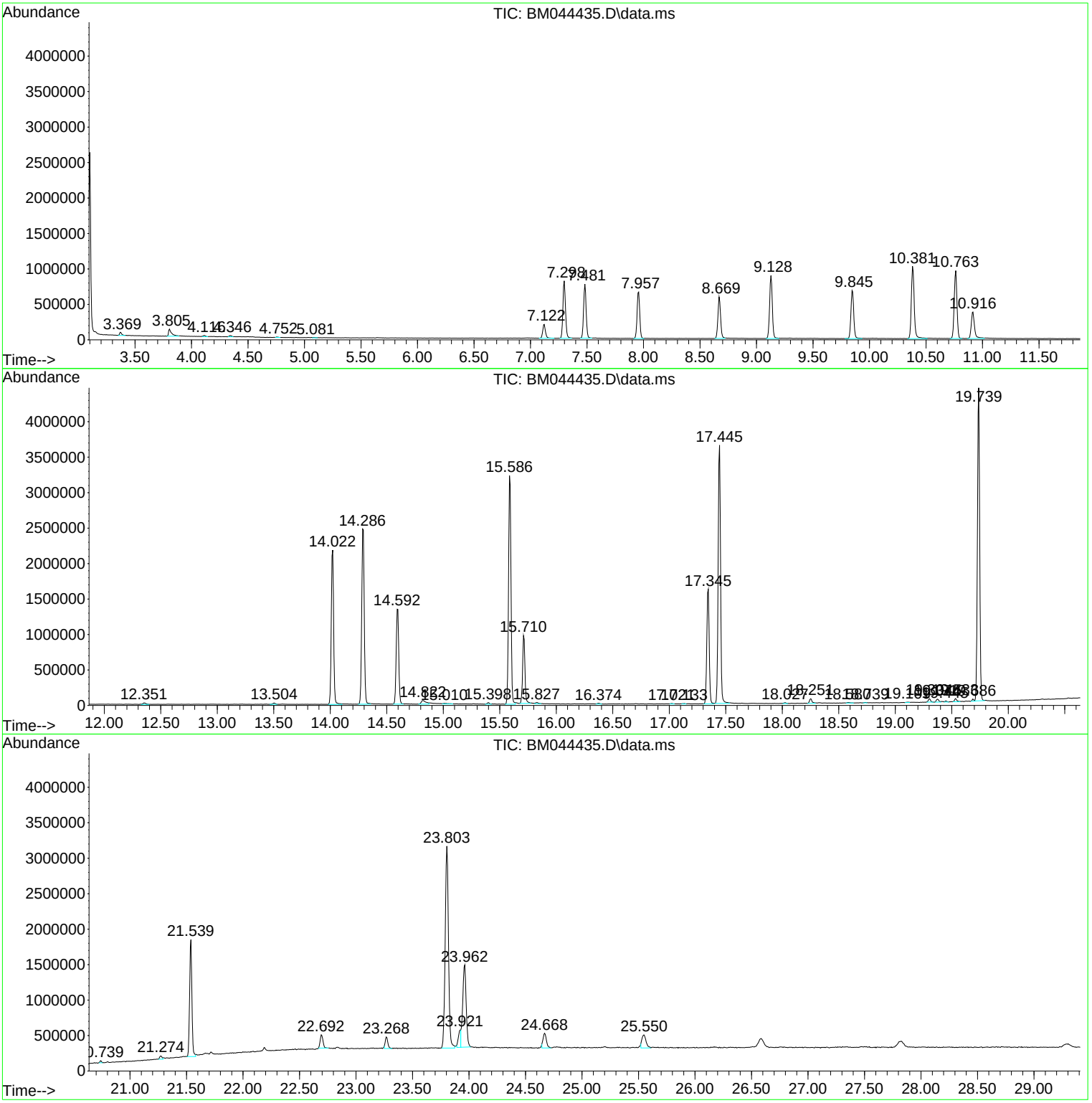
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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



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BNA_M
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
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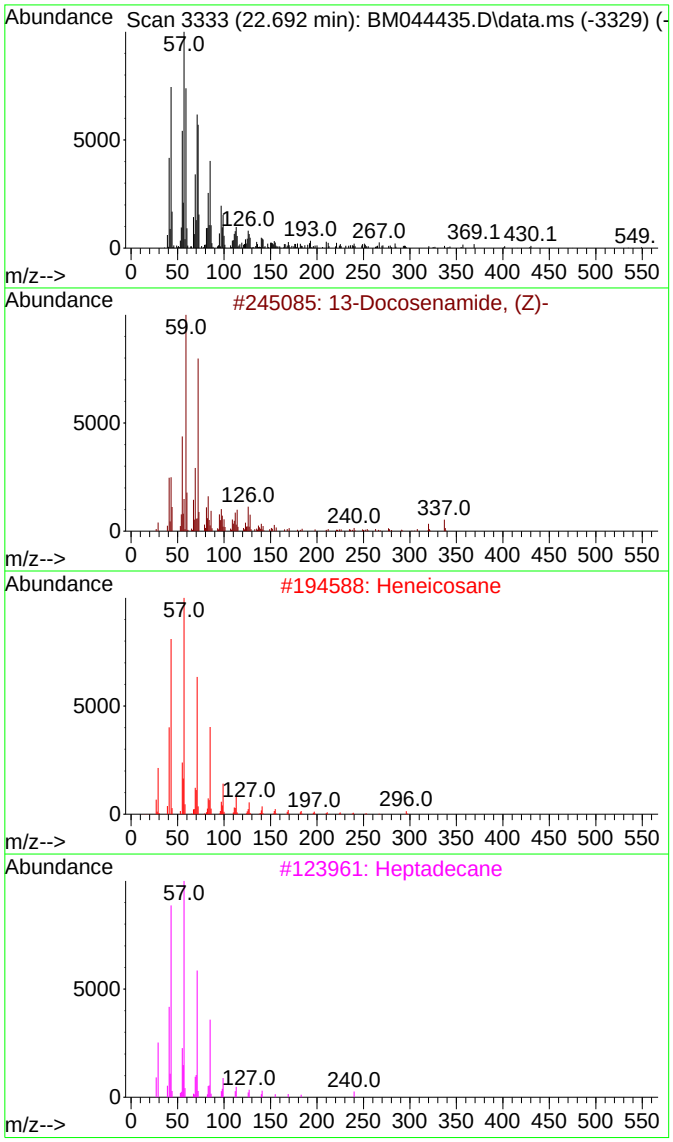
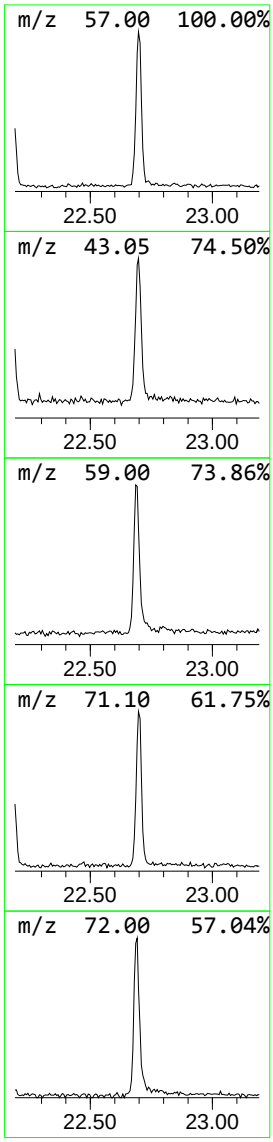
****
Peak Number 1 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.692	2.85 ng/ul	326287	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	Heneicosane	296	C21H44	000629-94-7	81
3	Heptadecane	240	C17H36	000629-78-7	80
4	Carbonic acid, eicosyl prop-1-en...	382	C24H46O3	1000383-10-8	64
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	55





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC0

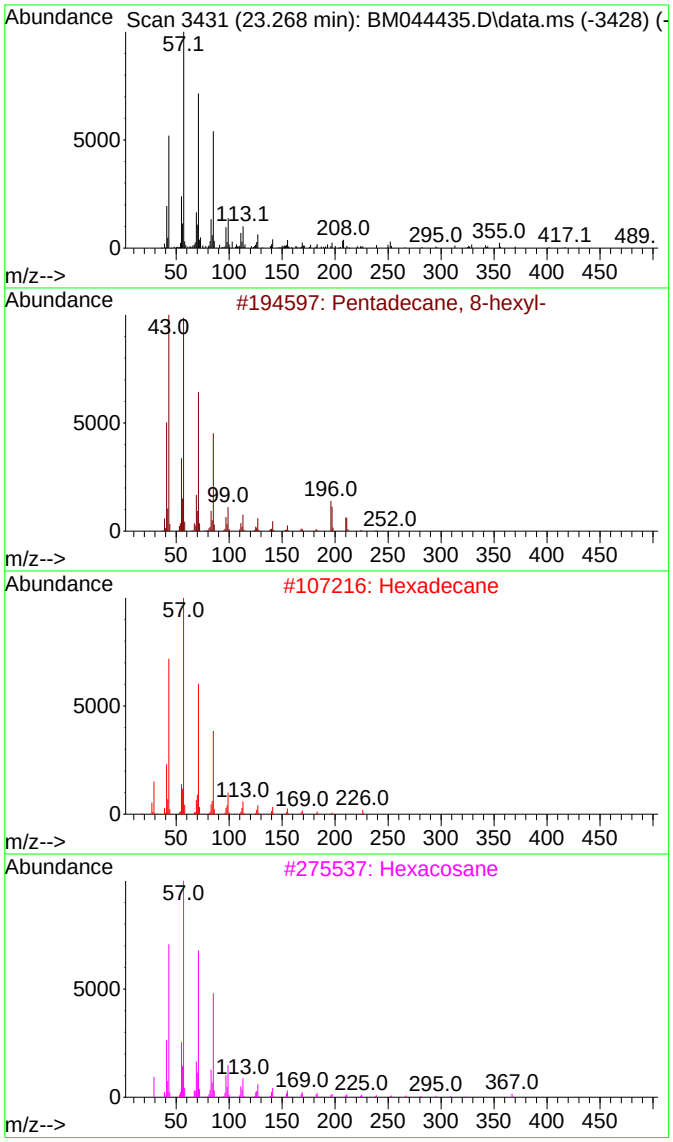
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

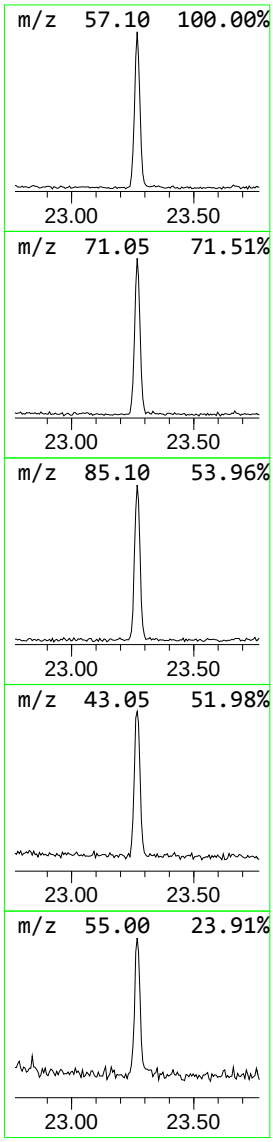
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.268	2.07 ng/ul	254690	Perylene-d12	23.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC0

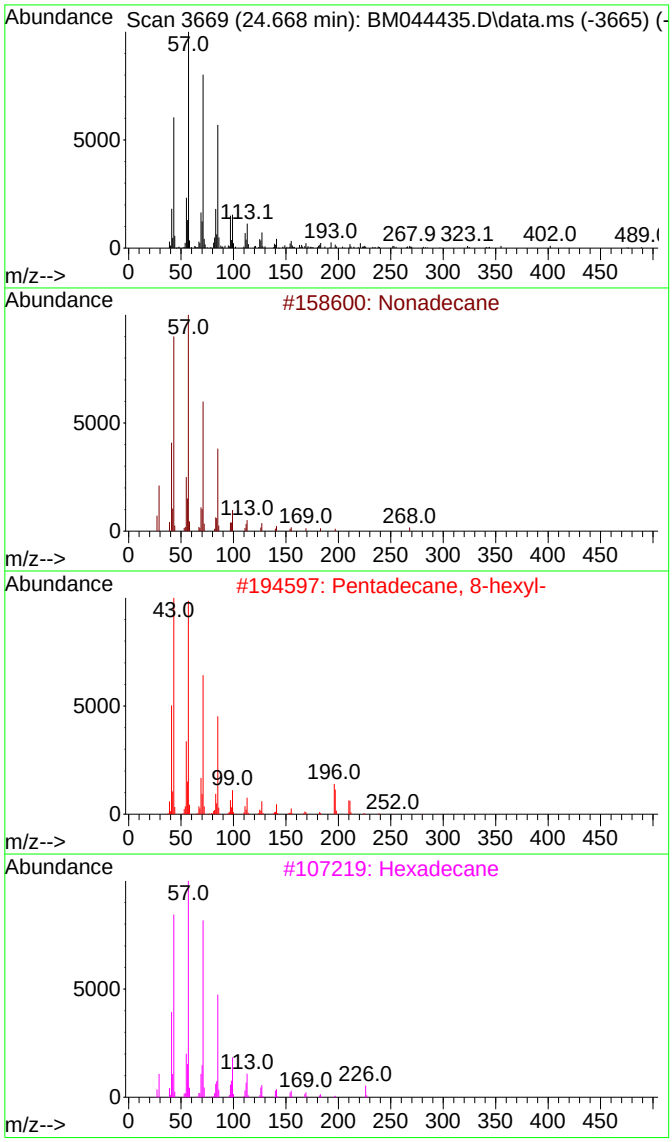
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

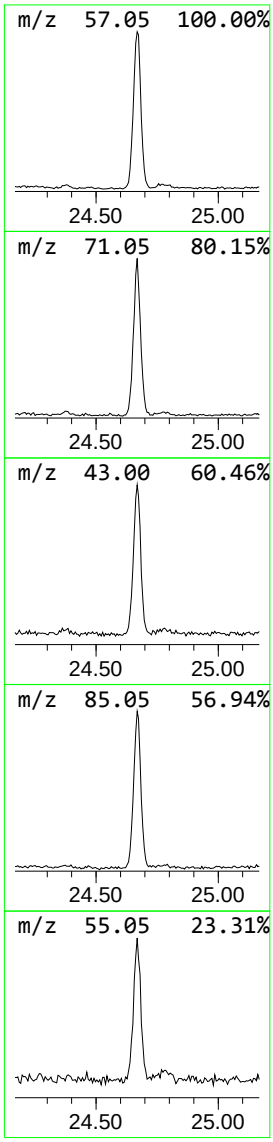
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.668	3.44 ng/ul	422610	Perylene-d12	23.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane	394	C28H58	000630-02-4	91





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ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC0

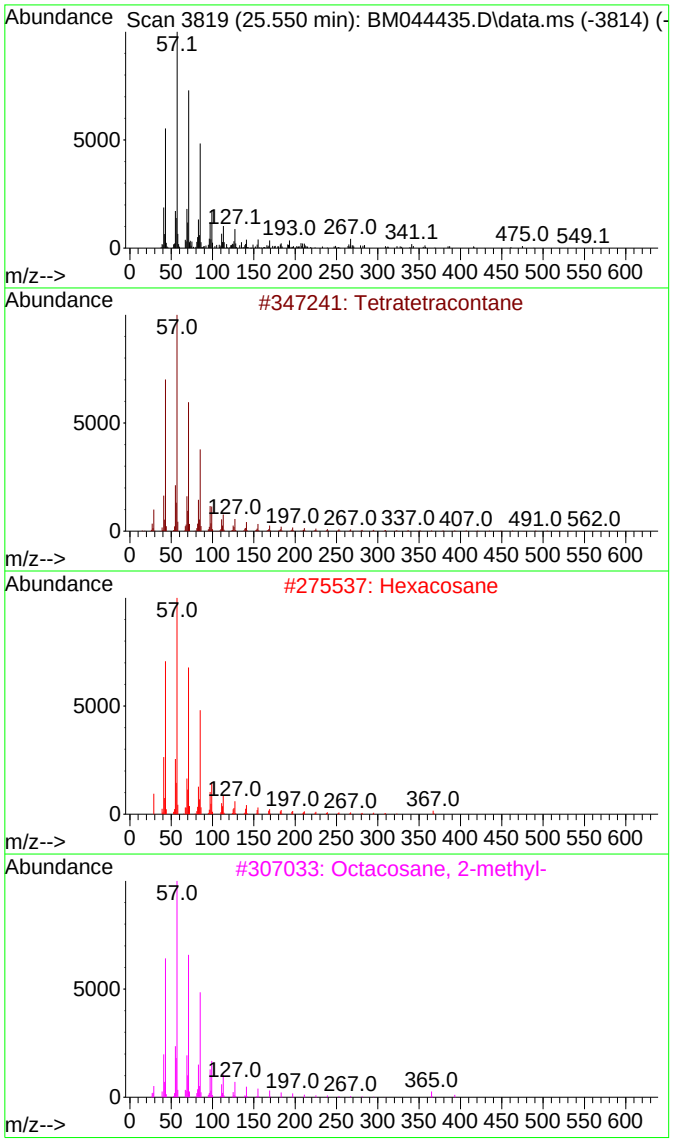
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

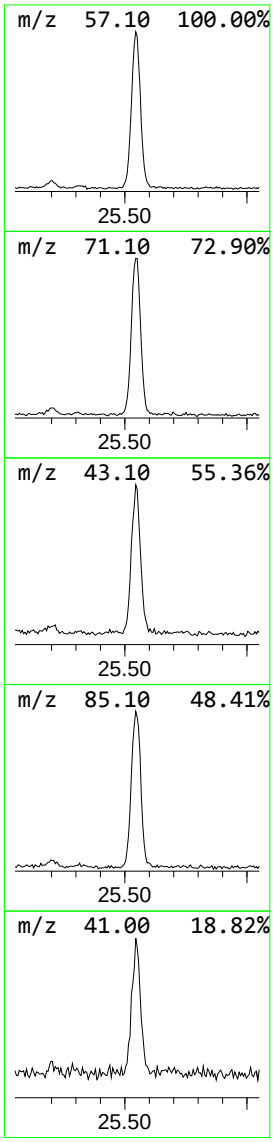
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.550	3.75 ng/ul	461335	Perylene-d12	23.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Hentriacontane	437	C31H64	000630-04-6	87
5	3-Methyltetracosane	352	C25H52	065820-52-2	87





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
13-Docosenamide...	22.692	2.9	ng/ul	326287	5	21.539	2293060	20.0
(DEL) Alkane: S...	23.268	2.1	ng/ul	254690	6	23.962	2458530	20.0
(DEL) Alkane: S...	24.668	3.4	ng/ul	422610	6	23.962	2458530	20.0
(DEL) Alkane: S...	25.550	3.8	ng/ul	461335	6	23.962	2458530	20.0