LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044360.D
Acq On : 27 Feb 2024 11:00
Operator : MA/JU
Sample : P1469-19
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9X6

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: BM044360.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	43	47	58	rVB	102273	141804	1.70%	0.161%
2	3.775	113	117	136	rBV	1212977	1865667	22.43%	2.121%
3	4.099	169	172	179	rVB	28194	41092	0.49%	0.047%
4	4.328	208	211	215	rVB4	18709	24679	0.30%	0.028%
5	4.740	279	281	291	rVB8	9825	20749	0.25%	0.024%
6	7.098	675	682	694	rBV	1473766	2344575	28.18%	2.665%
7	7.275	706	712	726	rVB	1269522	1974551	23.74%	2.245%
8	7.463	736	744	754	rBV	1419271	2323037	27.93%	2.641%
9	7.934	816	824	831	rBV	911087	1432034	17.21%	1.628%
10	7.998	831	835	845	rVB4	12501	27002	0.32%	0.031%
11	8.645	937	945	959	rBV	1791726	2961204	35.60%	3.366%
12	9.104	1015	1023	1037	rBV	1389405	2284814	27.47%	2.597%
13	9.269	1048	1051	1057	rVB6	8397	13625	0.16%	0.015%
14	9.492	1084	1089	1098	rVB3	13021	22686	0.27%	0.026%
15	9.692	1120	1123	1128	rBV7	7222	9793	0.12%	0.011%
16	9.828	1138	1146	1159	rBV	1100979	1909155	22.95%	2.170%
17	10.357	1227	1236	1251	rBV	1660268	2872932	34.54%	3.266%
18	10.739	1292	1301	1313	rVB	1229554	2077988	24.98%	2.362%
19	10.886	1316	1326	1340	rBV	1759595	3066499	36.86%	3.486%
20	11.510	1427	1432	1433	rBV4	6123	8953	0.11%	0.010%
21	12.169	1540	1544	1548	rVB6	6226	9137	0.11%	0.010%
22	12.251	1554	1558	1566	rBV9	6546	10583	0.13%	0.012%
23	12.327	1566	1571	1579	rBV2	31012	55939	0.67%	0.064%
24	13.404	1750	1754	1759	rBV2	14260	20125	0.24%	0.023%
25	13.480	1761	1767	1773	rBV	61734	100113	1.20%	0.114%
26	13.557	1775	1780	1785	rVB7	9217	14436	0.17%	0.016%
27	13.804	1817	1822	1829	rVB3	10155	16908	0.20%	0.019%
28	13.998	1848	1855	1865	rBV	2988348	4160215	50.01%	4.729%
29	14.268	1893	1901	1913	rBV	3571763	5431609	65.29%	6.174%
30	14.480	1933	1937	1940	rVB4	8323	9963	0.12%	0.011%
31	14.574	1946	1953	1962	rBV	1755822	2597727	31.23%	2.953%
32	14.780	1981	1988	2013	rBV	1165182	2276049	27.36%	2.587%
33	14.998	2021	2025	2032	rVB8	21285	44287	0.53%	0.050%
34	15.127	2045	2047	2053	rVB3	11926	18680	0.22%	0.021%
35	15.386	2084	2091	2093	rBV8	5070	9325	0.11%	0.011%
36	15.433	2097	2099	2105	rVB4	8916	11281	0.14%	0.013%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
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Acq On : 27 Feb 2024 11:00
Operator : MA/JU
Sample : P1469-19
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BH9X6

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	15.568	2115	2122	2137	rBV	4492826	6540966	78.63%	7.435%
38	15.692	2137	2143	2152	rVV	1403156	1952750	23.47%	2.220%
39	15.810	2159	2163	2167	rVB2	19848	25770	0.31%	0.029%
40	16.298	2243	2246	2248	rBV4	6846	8414	0.10%	0.010%
41	16.357	2252	2256	2262	rVB5	18333	30421	0.37%	0.035%
42	16.733	2316	2320	2325	rBV3	22969	31304	0.38%	0.036%
43	17.004	2363	2366	2370	rBV5	7332	9251	0.11%	0.011%
44	17.098	2377	2382	2386	rBV7	7353	13942	0.17%	0.016%
45	17.327	2414	2421	2431	rBV	2186705	3040601	36.55%	3.456%
46	17.427	2431	2438	2448	rVV	4910656	6992241	84.05%	7.948%
47	17.509	2448	2452	2453	rVV4	16163	23764	0.29%	0.027%
48	17.533	2453	2456	2460	rVB4	24723	31746	0.38%	0.036%
49	17.621	2469	2471	2476	rVB5	7335	10738	0.13%	0.012%
50	17.721	2482	2488	2493	rBV10	10781	24168	0.29%	0.027%
51	17.839	2502	2508	2514	rBV10	10409	18604	0.22%	0.021%
52	18.015	2536	2538	2544	rVB5	10728	14321	0.17%	0.016%
53	18.103	2550	2553	2559	rBV8	9204	16282	0.20%	0.019%
54	18.239	2571	2576	2587	rBV	811568	1210211	14.55%	1.376%
55	18.562	2628	2631	2636	rBV4	15071	22855	0.27%	0.026%
56	18.668	2647	2649	2654	rVB6	8986	9293	0.11%	0.011%
57	18.903	2686	2689	2695	rBV7	11806	16323	0.20%	0.019%
58	19.103	2720	2723	2726	rBV4	15595	21932	0.26%	0.025%
59	19.286	2749	2754	2759	rBV3	69079	105583	1.27%	0.120%
60	19.362	2762	2767	2770	rVV	66136	112395	1.35%	0.128%
61	19.398	2770	2773	2784	rVB6	52309	97743	1.17%	0.111%
62	19.521	2789	2794	2802	rBV	264454	368097	4.42%	0.418%
63	19.674	2817	2820	2822	rBV3	25315	27993	0.34%	0.032%
64	19.727	2822	2829	2837	rVV	5957532	8267315	99.38%	9.398%
65	19.792	2838	2840	2845	rVB6	21869	23563	0.28%	0.027%
66	20.262	2917	2920	2921	rBV3	21993	24344	0.29%	0.028%
67	20.292	2922	2925	2929	rVB2	40564	47872	0.58%	0.054%
68	20.786	3006	3009	3013	rVB2	59846	71723	0.86%	0.082%
69	21.256	3084	3089	3097	rBV	790987	1249988	15.03%	1.421%
70	21.527	3129	3135	3150	rBV	2415405	3403844	40.92%	3.869%
71	21.703	3162	3165	3170	rBV2	101244	126956	1.53%	0.144%
72	22.174	3242	3245	3255	rVB2	110246	192896	2.32%	0.219%
73	22.680	3328	3331	3337	rVB	155124	227849	2.74%	0.259%
74	23.250	3424	3428	3434	rVB	181344	277697	3.34%	0.316%
75	23.785	3511	3519	3531	rBV2	4177523	8318816	100.00%	9.456%
76	23.891	3533	3537	3539	rVV	206773	329539	3.96%	0.375%

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Sample : P1469-19
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9X6

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

77	23.938	3539	3545	3558	rVB	1659494	3465440	41.66%	3.939%
78	24.638	3660	3664	3672	rVB	217872	454767	5.47%	0.517%
79	24.732	3676	3680	3692	rVB3	178976	500203	6.01%	0.569%

Sum of corrected areas: 87969736

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044360.D
Acq On : 27 Feb 2024 11:00
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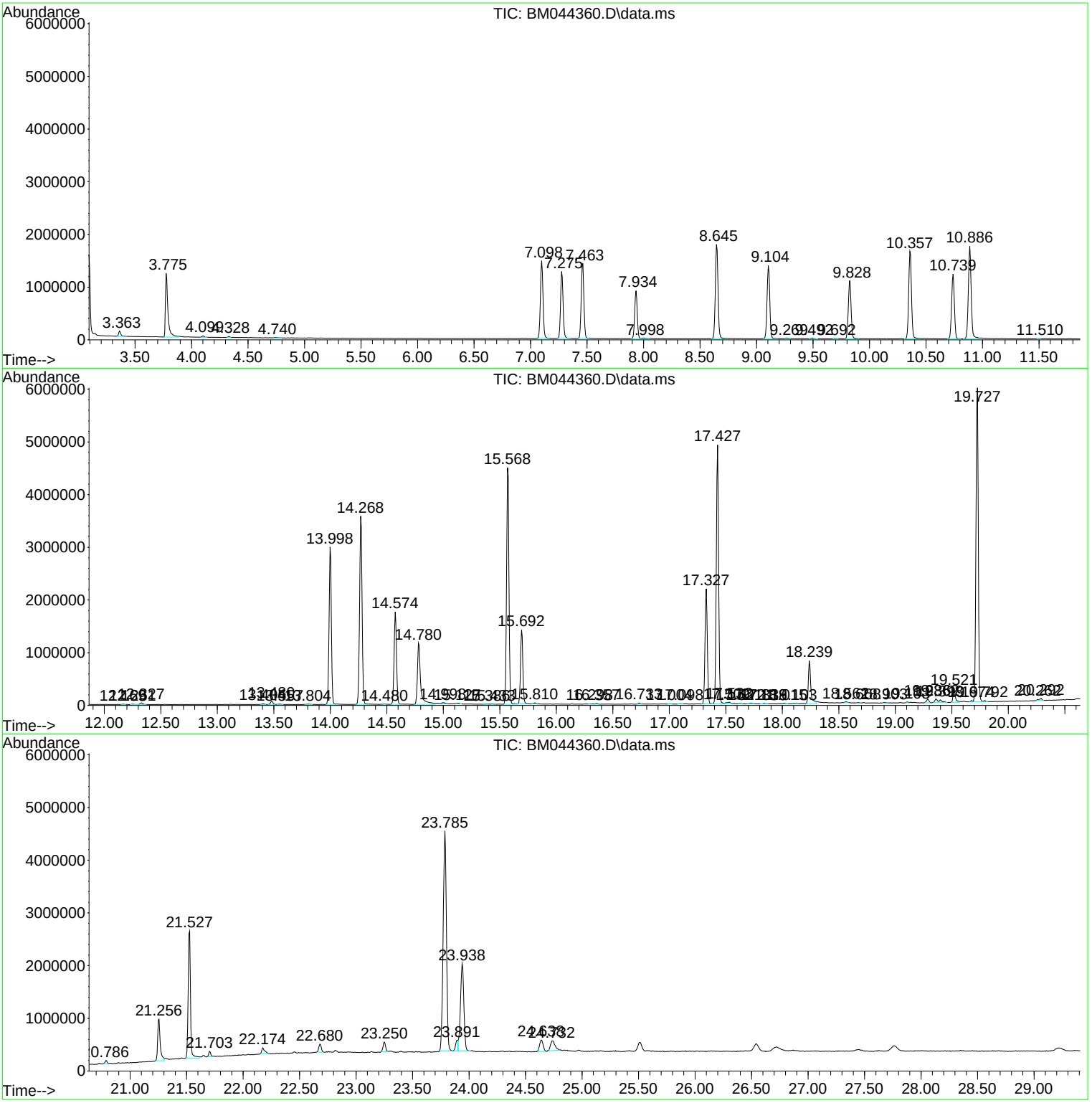
Sample : P1469-19
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9X6

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044360.D
Acq On : 27 Feb 2024 11:00
Operator : MA/JU
Sample : P1469-19
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9X6

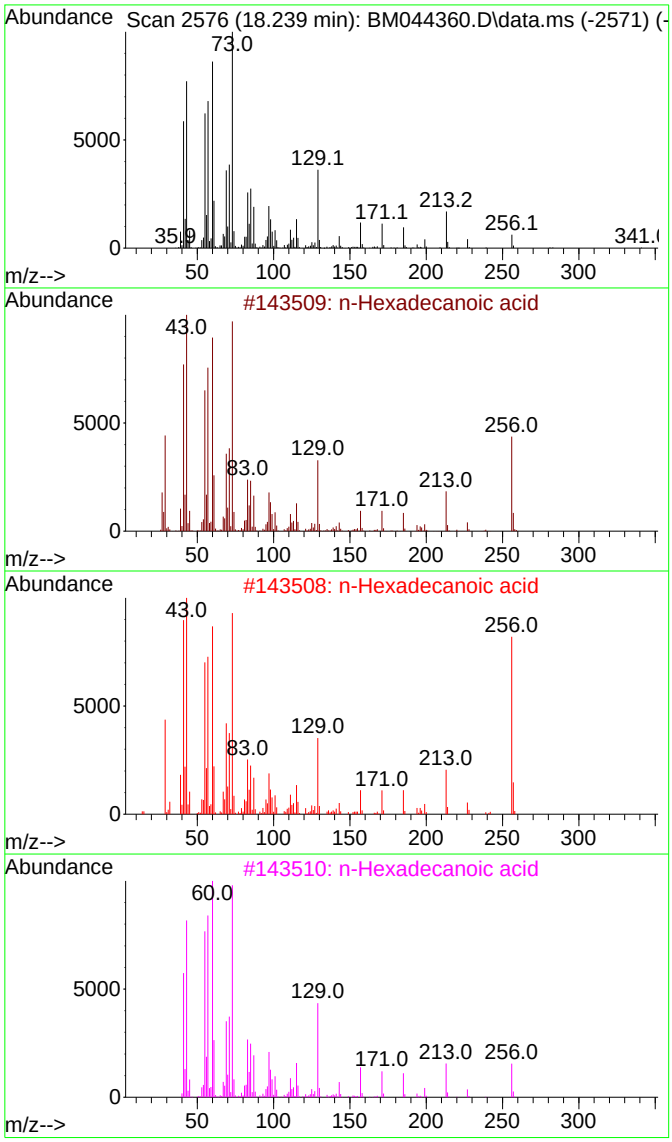
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

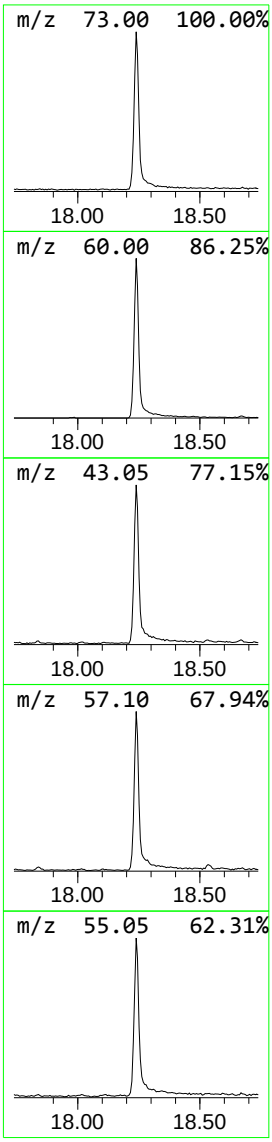
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	7.96 ng/ul	1210210	Phenanthrene-d10	17.327

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044360.D
Acq On : 27 Feb 2024 11:00
Operator : MA/JU
Sample : P1469-19
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9X6

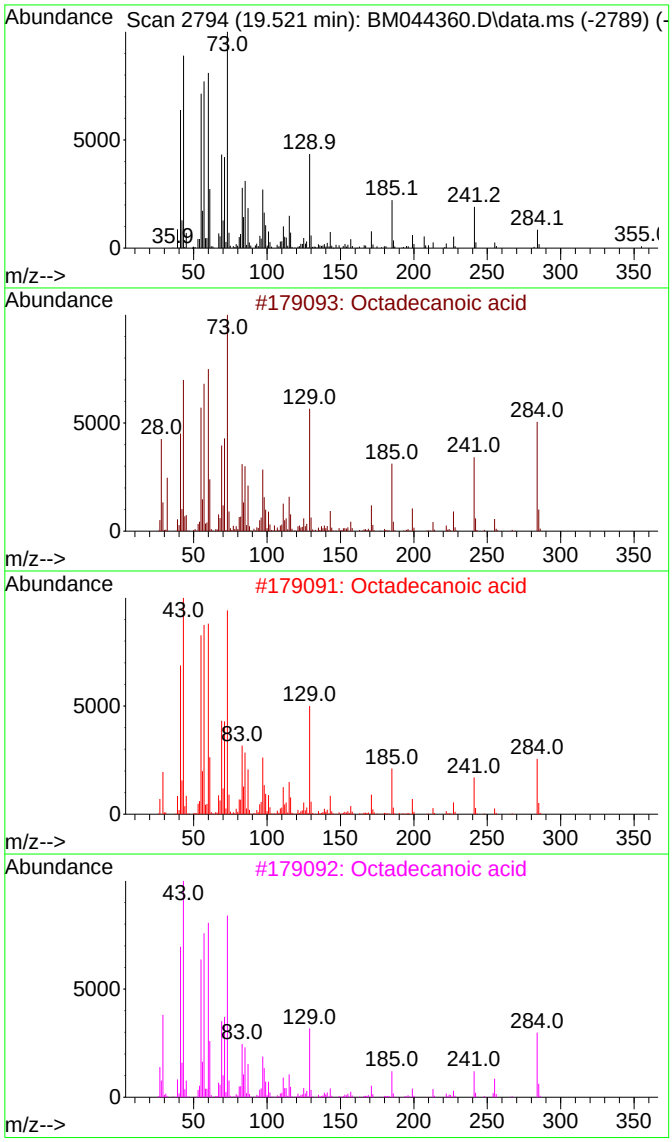
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

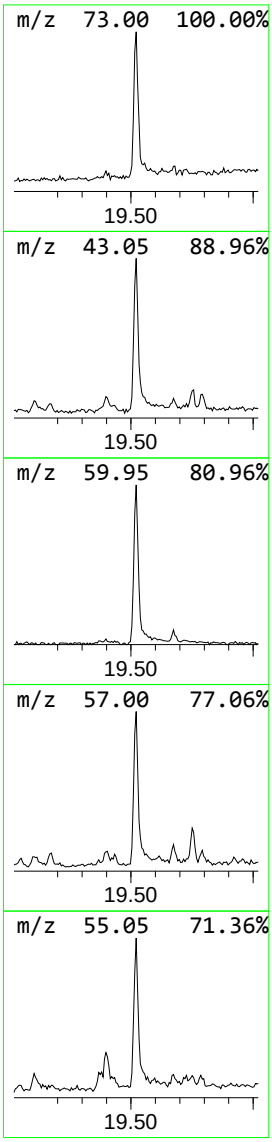
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	2.16 ng/ul	368097	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044360.D
Acq On : 27 Feb 2024 11:00
Operator : MA/JU
Sample : P1469-19
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9X6

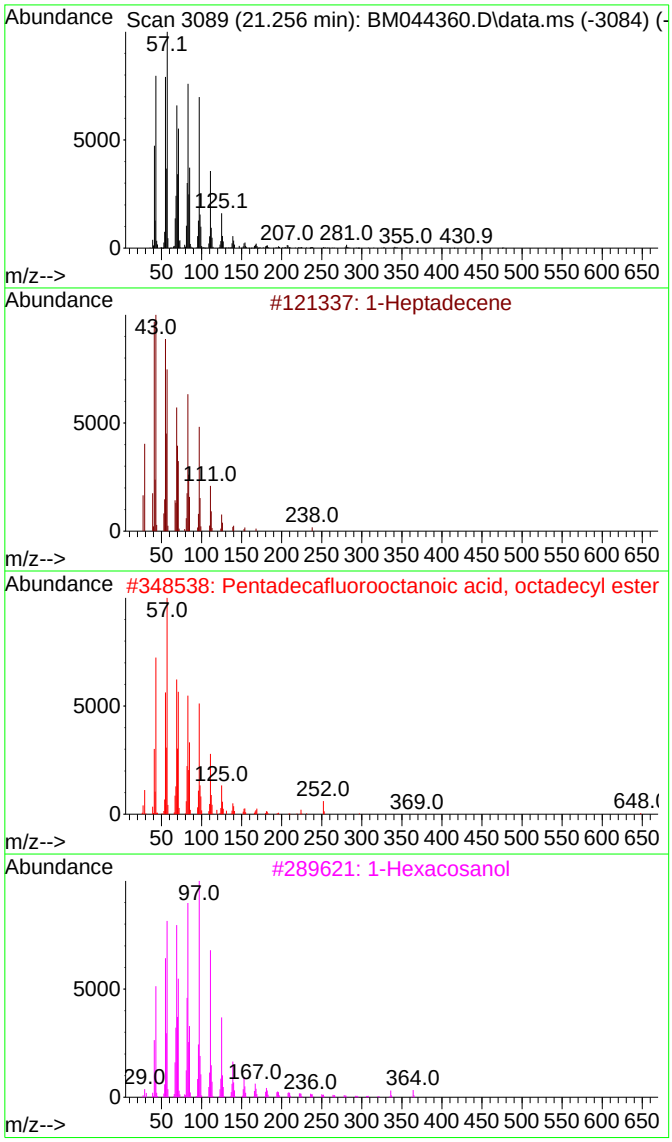
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

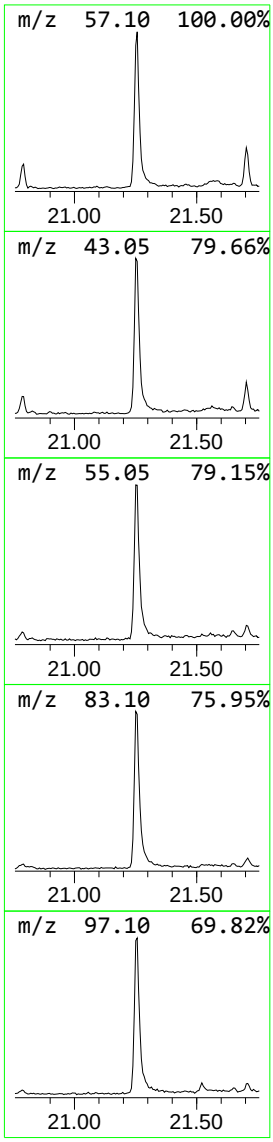
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	7.34 ng/ul	1249990	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91





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Data File : BM044360.D
Acq On : 27 Feb 2024 11:00
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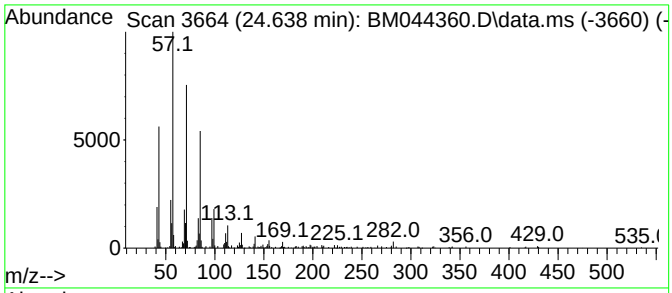
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

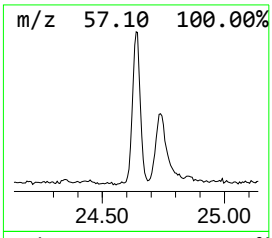
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

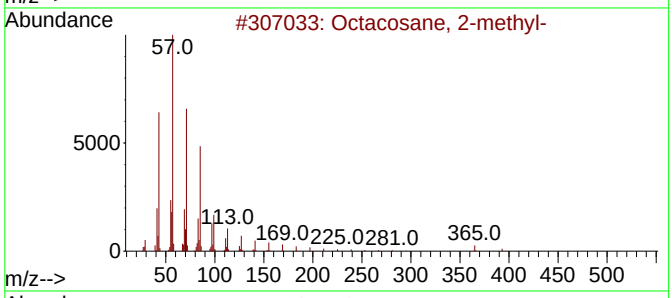
****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

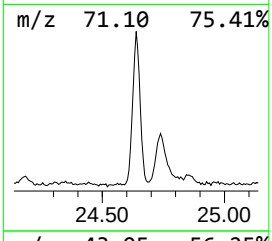
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.638	2.62 ng/ul	454767	Perylene-d12	23.938

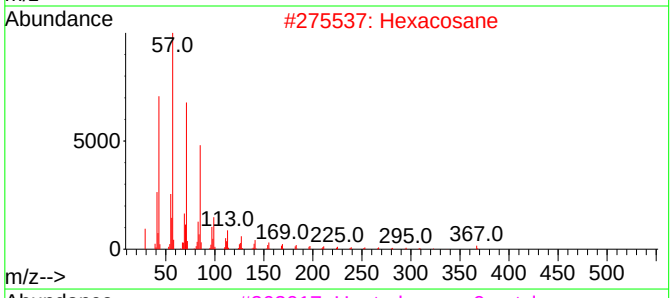
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	91

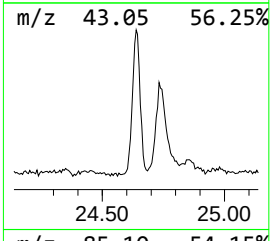


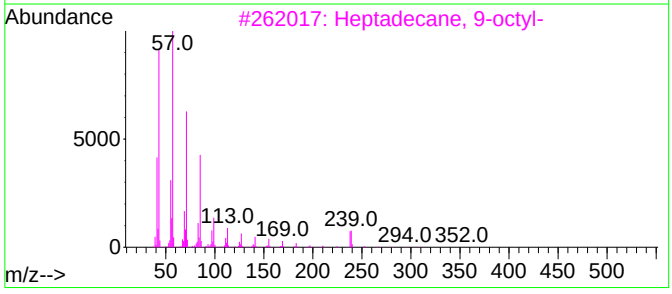


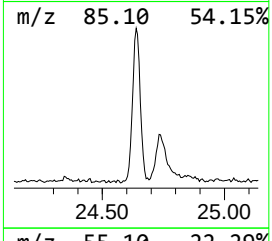


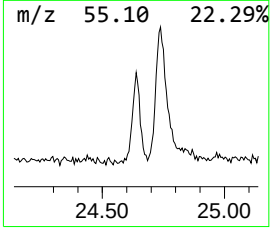












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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

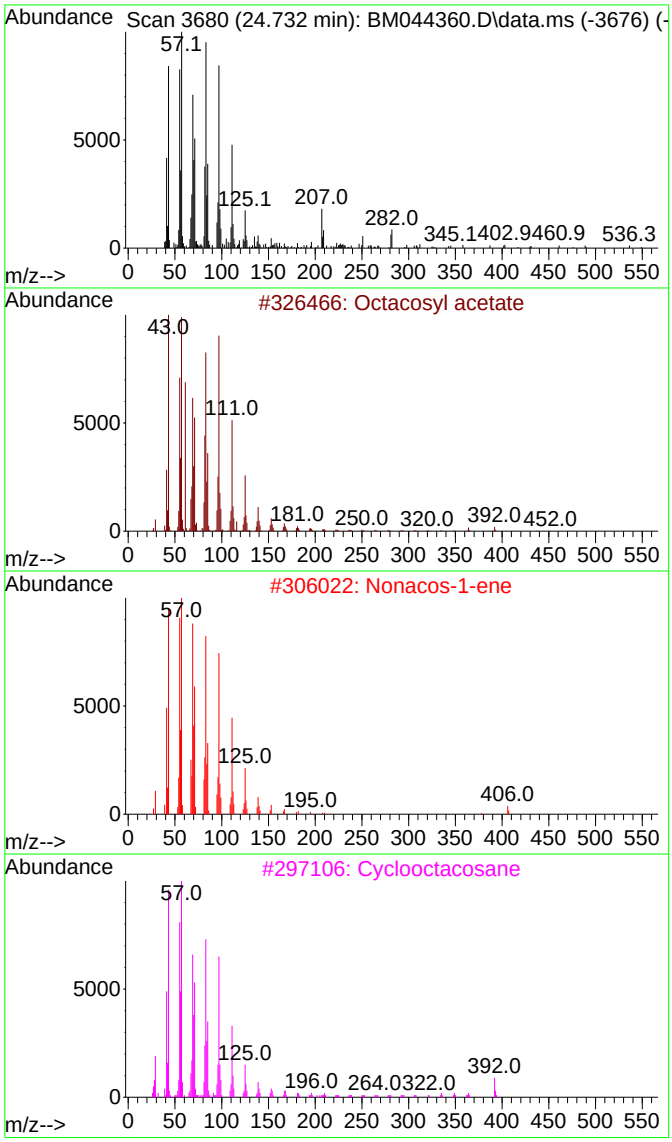
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

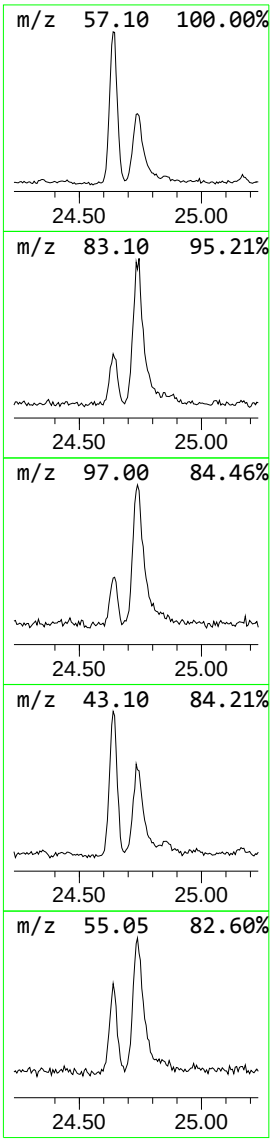
****

Peak Number 5 Octacosyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.733	2.89 ng/ul	500203	Perylene-d12	23.938

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	93
2	Nonacos-1-ene	406	C29H58	018835-35-3	91
3	Cyclooctacosane	392	C28H56	000297-24-5	91
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
5	1-Methoxyoctacosane	424	C29H60O	237742-62-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044360.D
Acq On : 27 Feb 2024 11:00
Operator : MA/JU
Sample : P1469-19
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH9X6

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.239	8.0	ng/ul	1210210	4	17.327	3040600	20.0
Octadecanoic acid	19.521	2.2	ng/ul	368097	5	21.527	3403840	20.0
(DEL) Alkane: S...	21.256	7.3	ng/ul	1249990	5	21.527	3403840	20.0
(DEL) Alkane: S...	24.638	2.6	ng/ul	454767	6	23.938	3465440	20.0
Octacosyl acetate	24.733	2.9	ng/ul	500203	6	23.938	3465440	20.0