LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062371.D
Acq On : 12 Aug 2024 18:00
Operator : MA/JU
Sample : P3540-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B39

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_G\Methods\SFAM-EPA-BG080524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG062371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.394	12	18	41	rVB	745602	1390866	59.60%	6.351%
2	3.823	87	91	102	rVB	29947	51372	2.20%	0.235%
3	4.163	145	149	156	rVB4	5462	10034	0.43%	0.046%
4	4.686	233	238	246	rVB	75074	122266	5.24%	0.558%
5	5.479	367	373	377	rBV2	10324	15361	0.66%	0.070%
6	5.609	389	395	404	rBV	32776	61673	2.64%	0.282%
7	5.973	452	457	463	rBV	21091	34720	1.49%	0.159%
8	6.037	464	468	471	rVV	3031	3812	0.16%	0.017%
9	6.936	615	621	627	rBV	10744	17885	0.77%	0.082%
10	7.048	638	640	644	rVB3	1947	2716	0.12%	0.012%
11	7.107	644	650	659	rVV	73871	122783	5.26%	0.561%
12	7.183	659	663	669	rVB5	1917	3099	0.13%	0.014%
13	7.283	673	680	687	rVV	181274	297377	12.74%	1.358%
14	7.482	707	714	725	rBV	202525	334373	14.33%	1.527%
15	7.606	728	735	739	rVB4	5902	9987	0.43%	0.046%
16	7.952	787	794	801	rBV	196666	323349	13.86%	1.477%
17	8.011	801	804	809	rVV4	2052	3129	0.13%	0.014%
18	8.076	809	815	819	rVB2	6829	10785	0.46%	0.049%
19	8.305	850	854	859	rVB5	2745	4219	0.18%	0.019%
20	8.599	898	904	905	rBV4	1870	2592	0.11%	0.012%
21	8.646	905	912	923	rVB	202434	339518	14.55%	1.550%
22	8.763	928	932	933	rBV2	3212	3147	0.13%	0.014%
23	9.104	980	990	1000	rBV	220507	383258	16.42%	1.750%
24	9.826	1105	1113	1120	rBV	169046	296899	12.72%	1.356%
25	10.050	1147	1151	1156	rVB3	1571	2715	0.12%	0.012%
26	10.361	1196	1204	1215	rBV	303545	521336	22.34%	2.381%
27	10.431	1215	1216	1222	rVB4	1507	2354	0.10%	0.011%
28	10.749	1259	1270	1282	rBV	297803	532821	22.83%	2.433%
29	10.872	1284	1291	1301	rBV	191018	350211	15.01%	1.599%
30	11.524	1399	1402	1404	rBV4	1738	2740	0.12%	0.013%
31	11.548	1404	1406	1410	rVB3	2775	3911	0.17%	0.018%
32	12.053	1485	1492	1495	rBV3	2038	3106	0.13%	0.014%
33	12.335	1533	1540	1545	rVB3	5574	9629	0.41%	0.044%
34	13.980	1813	1820	1826	rBV	693170	972950	41.69%	4.443%
35	14.027	1826	1828	1832	rVB2	2004	2409	0.10%	0.011%
36	14.267	1859	1869	1876	rBV	723790	1133002	48.55%	5.174%

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Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Title : SVOA CALIBRATION

37	14.573	1912	1921	1929	rBV	598278	910018	39.00%	4.155%
38	14.749	1945	1951	1960	rBV	86036	145123	6.22%	0.663%
39	14.990	1986	1992	1997	rVB4	2910	5893	0.25%	0.027%
40	15.566	2083	2090	2099	rBV	1045590	1581700	67.78%	7.222%
41	15.671	2102	2108	2120	rBV	256872	385068	16.50%	1.758%
42	15.801	2126	2130	2136	rBV3	4482	6027	0.26%	0.028%
43	17.310	2381	2387	2395	rVB	789418	1189991	50.99%	5.434%
44	17.410	2397	2404	2417	rBV	1241014	1827003	78.29%	8.343%
45	17.680	2448	2450	2454	rVB3	2033	2334	0.10%	0.011%
46	18.209	2534	2540	2549	rBV2	80145	125559	5.38%	0.573%
47	18.286	2549	2553	2555	rVB3	4485	7337	0.31%	0.034%
48	18.644	2612	2614	2618	rVB2	2453	2558	0.11%	0.012%
49	18.679	2618	2620	2625	rVV3	2032	3473	0.15%	0.016%
50	19.261	2714	2719	2725	rVB3	17116	23905	1.02%	0.109%
51	19.325	2725	2730	2734	rBV	19730	30067	1.29%	0.137%
52	19.366	2734	2737	2739	rVV3	4407	5254	0.23%	0.024%
53	19.396	2741	2742	2747	rVB5	2572	2660	0.11%	0.012%
54	19.484	2752	2757	2768	rBV	74385	115822	4.96%	0.529%
55	19.637	2780	2783	2786	rVB3	5402	5663	0.24%	0.026%
56	19.695	2786	2793	2801	rBV	1581984	2257312	96.73%	10.308%
57	20.253	2885	2888	2890	rVB3	2817	3046	0.13%	0.014%
58	20.541	2935	2937	2941	rBV5	1989	2864	0.12%	0.013%
59	20.676	2957	2960	2964	rVV4	7861	10571	0.45%	0.048%
60	20.747	2968	2972	2974	rVB3	7310	9710	0.42%	0.044%
61	21.240	3051	3056	3062	rBV	32113	48062	2.06%	0.219%
62	21.552	3102	3109	3119	rBV2	861732	1364578	58.48%	6.231%
63	21.775	3142	3147	3152	rBV	46625	62120	2.66%	0.284%
64	22.362	3242	3247	3255	rVB	48522	87089	3.73%	0.398%
65	23.032	3356	3361	3369	rBV3	35632	67888	2.91%	0.310%
66	23.355	3415	3416	3421	rBV5	3548	6113	0.26%	0.028%
67	23.813	3488	3494	3502	rVB2	31961	65381	2.80%	0.299%
68	24.430	3587	3599	3614	rBV	879233	2333570	100.00%	10.656%
69	24.642	3624	3635	3644	rBV	548752	1505519	64.52%	6.875%
70	24.724	3644	3649	3659	rVB4	31321	82045	3.52%	0.375%
71	25.464	3773	3775	3776	rVB2	4609	2700	0.12%	0.012%
72	25.728	3818	3820	3821	rBV2	3364	2574	0.11%	0.012%
73	25.817	3829	3835	3842	rVB4	25625	63071	2.70%	0.288%
74	26.222	3901	3904	3906	rBV4	3437	3363	0.14%	0.015%
75	27.121	4048	4057	4068	rVB6	22460	78564	3.37%	0.359%
76	28.519	4293	4295	4298	rBV4	3002	3382	0.14%	0.015%

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Title : SVOA CALIBRATION

77	28.589	4305	4307	4310	rBV3	3244	3134	0.13%	0.014%
78	28.636	4313	4315	4316	rVV	5152	4006	0.17%	0.018%
79	28.695	4318	4325	4336	rVB8	14879	54126	2.32%	0.247%
80	29.470	4454	4457	4459	rBV4	4085	5436	0.23%	0.025%
81	29.682	4491	4493	4494	rBV	5105	4069	0.17%	0.019%
82	30.481	4627	4629	4632	rBV4	2801	3088	0.13%	0.014%
83	30.569	4641	4644	4646	rBV3	5925	8393	0.36%	0.038%

Sum of corrected areas: 21899633

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Instrument :
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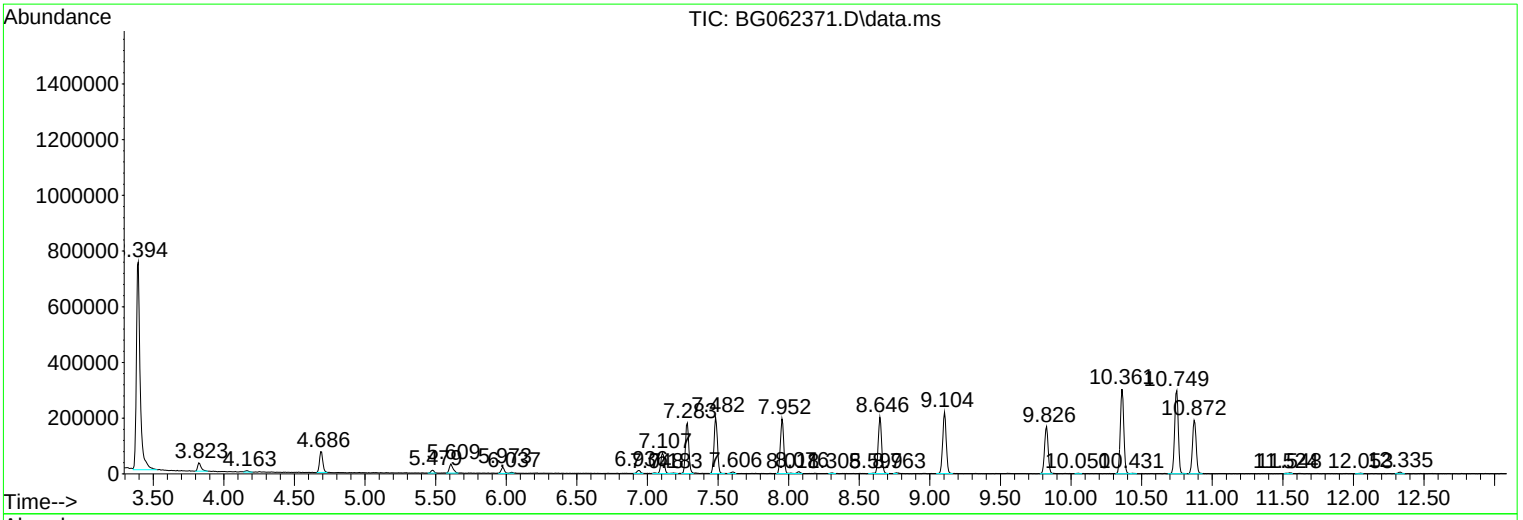
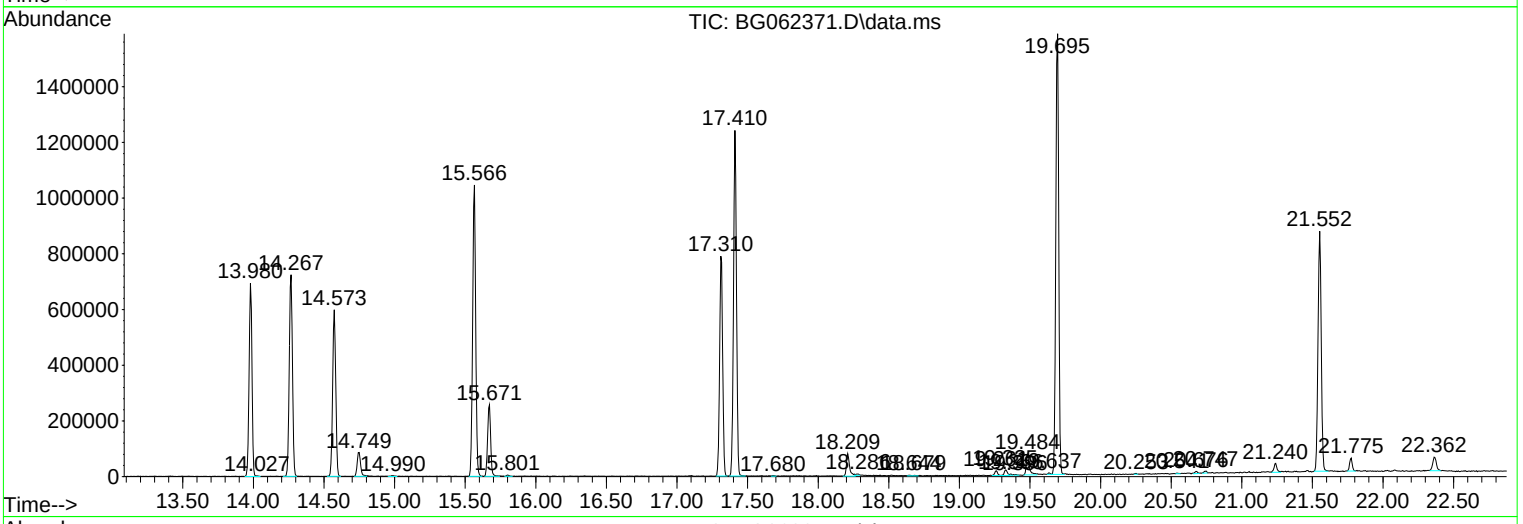
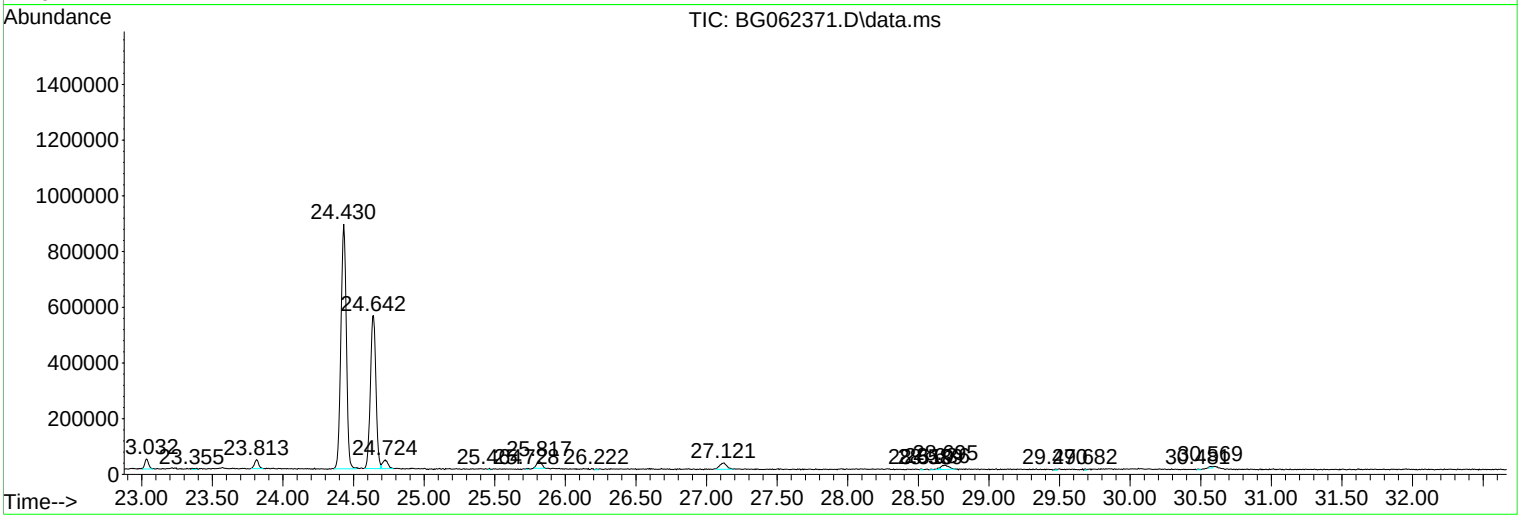
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
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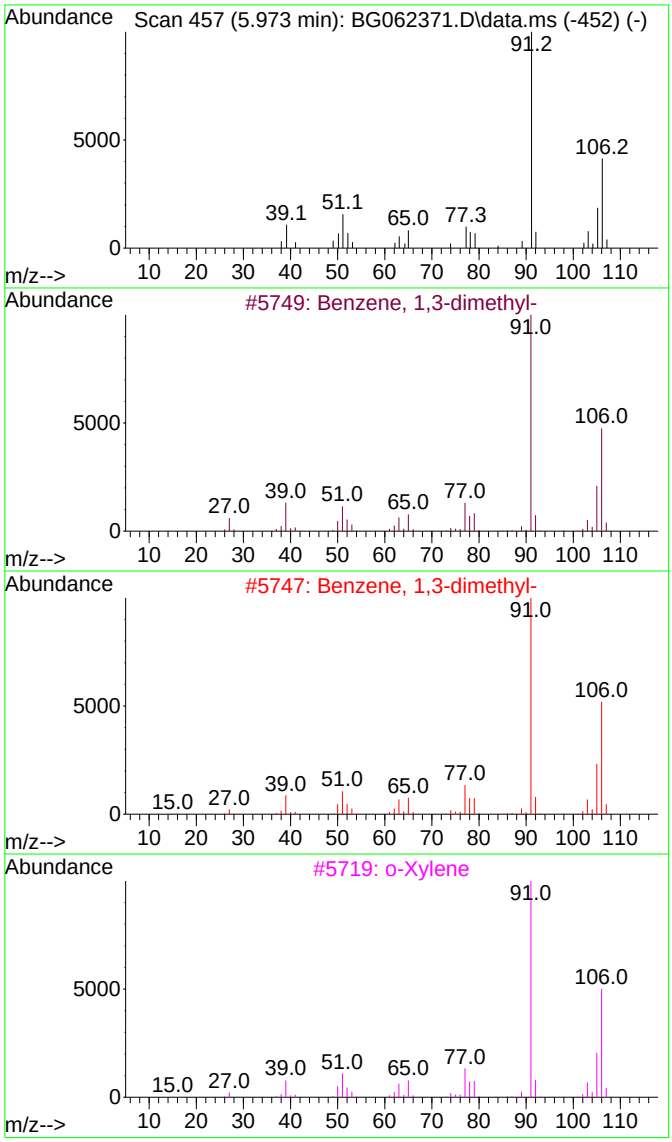
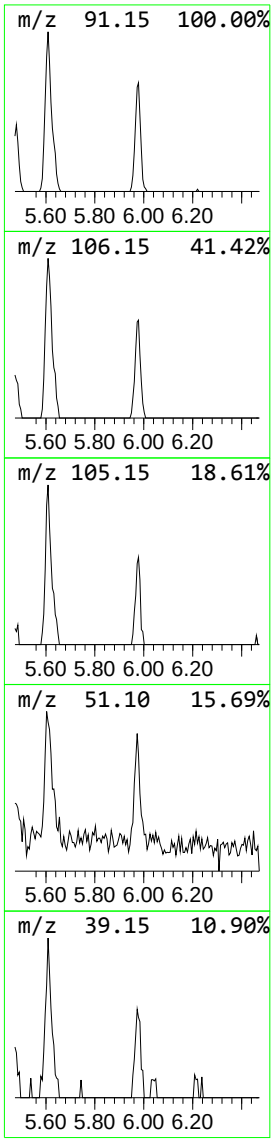
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.973	2.15 ng/ul	34720	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
3	o-Xylene	106	C8H10	000095-47-6	94
4	o-Xylene	106	C8H10	000095-47-6	94
5	o-Xylene	106	C8H10	000095-47-6	91





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION

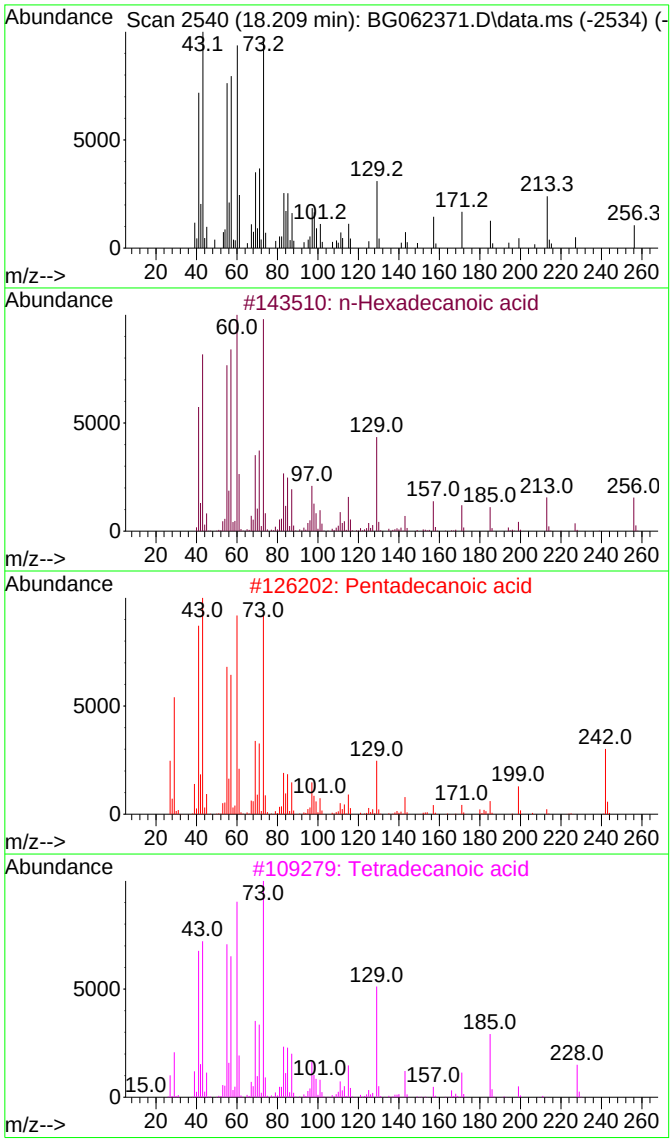
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

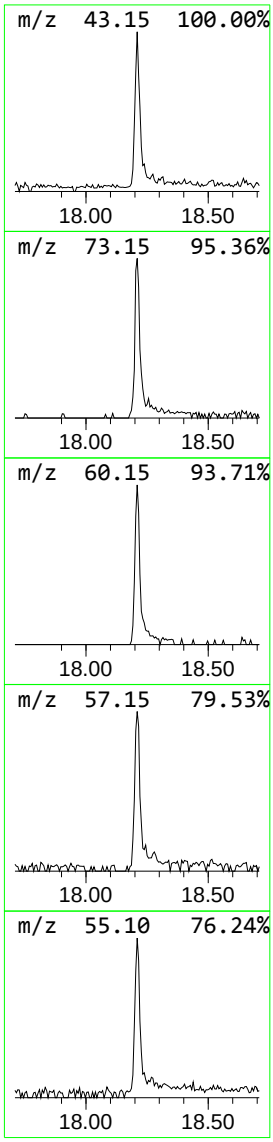
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.209	2.11 ng/ul	125559	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.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
Benzene, 1,3-di...	5.973	2.1	ng/ul	34720	1	7.952	323349	20.0
n-Hexadecanoic ...	18.209	2.1	ng/ul	125559	4	17.310	1189990	20.0