LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017890.D
Acq On : 02 Nov 2023 17:13
Operator : MA/JU
Sample : 04996-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A49C5

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_P\Methods\SFAM-EPA-BP101823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017890.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	27	30	37	rBV	17704	31531	1.00%	0.101%
2	3.581	82	84	89	rBV6	4496	6815	0.22%	0.022%
3	3.705	101	105	118	rBV	112606	273077	8.62%	0.871%
4	3.875	131	134	141	rVB2	9966	17411	0.55%	0.056%
5	5.752	449	453	457	rBV7	1494	3343	0.11%	0.011%
6	6.346	551	554	557	rBV5	2494	3702	0.12%	0.012%
7	6.969	658	660	665	rVB6	2736	4662	0.15%	0.015%
8	7.040	665	672	684	rBV	100721	200220	6.32%	0.639%
9	7.222	695	703	715	rBV	455396	731978	23.11%	2.335%
10	7.399	726	733	746	rBV	452997	780476	24.64%	2.490%
11	7.628	770	772	776	rBV5	2634	3298	0.10%	0.011%
12	7.875	806	814	825	rBV	479926	788187	24.88%	2.515%
13	8.022	838	839	844	rVB5	3200	4243	0.13%	0.014%
14	8.599	930	937	949	rBV	306698	561326	17.72%	1.791%
15	8.699	952	954	958	rVB5	3596	4450	0.14%	0.014%
16	9.081	1012	1019	1025	rBV	583909	960071	30.31%	3.063%
17	9.146	1025	1030	1037	rVB	78357	134331	4.24%	0.429%
18	9.263	1048	1050	1057	rVB6	9286	13432	0.42%	0.043%
19	9.610	1106	1109	1112	rVB5	2720	3428	0.11%	0.011%
20	9.799	1134	1141	1153	rBV	477262	840434	26.53%	2.681%
21	9.910	1155	1160	1167	rVB8	7104	14790	0.47%	0.047%
22	10.069	1184	1187	1190	rVB5	5024	6297	0.20%	0.020%
23	10.105	1190	1193	1194	rBV3	3207	4003	0.13%	0.013%
24	10.328	1223	1231	1245	rBV	591573	1115737	35.22%	3.560%
25	10.704	1288	1295	1306	rBV	617770	1013922	32.01%	3.235%
26	10.881	1318	1325	1347	rBV	545057	1053319	33.25%	3.360%
27	11.763	1473	1475	1480	rBV5	5636	7809	0.25%	0.025%
28	12.146	1537	1540	1542	rBV4	2617	3205	0.10%	0.010%
29	12.216	1547	1552	1555	rBV7	1837	3285	0.10%	0.010%
30	12.310	1560	1568	1572	rVV5	10000	21080	0.67%	0.067%
31	12.875	1660	1664	1667	rBV6	4342	6086	0.19%	0.019%
32	13.134	1705	1708	1712	rVB5	8842	11142	0.35%	0.036%
33	13.251	1724	1728	1733	rVB8	2563	3628	0.11%	0.012%
34	13.410	1750	1755	1762	rBV	24898	40066	1.26%	0.128%
35	13.681	1795	1801	1804	rBV8	1681	3549	0.11%	0.011%
36	13.781	1815	1818	1821	rBV4	2913	3568	0.11%	0.011%

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Misc :
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Instrument :
BNA_P
ClientSampleId :
A49C5

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_P\Methods\SFAM-EPA-BP101823.MA.M
Title : SVOA CALIBRATION

37	13.993	1847	1854	1866	rBV	1301832	1801492	56.87%	5.747%
38	14.198	1885	1889	1891	rVV5	2457	3844	0.12%	0.012%
39	14.269	1893	1901	1914	rVV2	1397313	2019575	63.75%	6.443%
40	14.575	1946	1953	1964	rBV	841186	1254820	39.61%	4.003%
41	14.857	1995	2001	2010	rBV2	27643	80949	2.56%	0.258%
42	15.198	2057	2059	2062	rVB3	3650	3872	0.12%	0.012%
43	15.322	2077	2080	2084	rVV	6077	7740	0.24%	0.025%
44	15.369	2084	2088	2090	rVB5	4217	5626	0.18%	0.018%
45	15.404	2090	2094	2100	rVB3	6379	9221	0.29%	0.029%
46	15.581	2117	2124	2132	rBV	1696148	2485121	78.45%	7.928%
47	15.728	2143	2149	2162	rBV	537870	810318	25.58%	2.585%
48	15.816	2162	2164	2169	rVV6	12371	18529	0.58%	0.059%
49	16.051	2203	2204	2208	rVB4	3922	4361	0.14%	0.014%
50	16.239	2232	2236	2237	rBV4	3708	3802	0.12%	0.012%
51	16.316	2244	2249	2251	rBV6	4737	7376	0.23%	0.024%
52	16.457	2270	2273	2277	rVB6	4665	7235	0.23%	0.023%
53	16.498	2277	2280	2281	rBV3	3321	3219	0.10%	0.010%
54	16.534	2284	2286	2288	rBV3	2859	3404	0.11%	0.011%
55	16.722	2313	2318	2323	rBV9	5946	12383	0.39%	0.040%
56	16.887	2344	2346	2348	rBV3	3667	3232	0.10%	0.010%
57	17.045	2366	2373	2376	rBV9	4475	7870	0.25%	0.025%
58	17.151	2389	2391	2394	rVB4	3519	3375	0.11%	0.011%
59	17.363	2421	2427	2436	rBV	981709	1403148	44.29%	4.476%
60	17.469	2438	2445	2455	rBV	1906882	2739452	86.48%	8.740%
61	17.622	2469	2471	2475	rVB5	5462	7007	0.22%	0.022%
62	17.792	2498	2500	2505	rVB6	5866	6932	0.22%	0.022%
63	17.992	2530	2534	2537	rBV5	9243	11545	0.36%	0.037%
64	18.216	2567	2572	2581	rBV	336140	494812	15.62%	1.579%
65	18.310	2586	2588	2591	rVB2	12363	14026	0.44%	0.045%
66	18.475	2613	2616	2620	rBV6	6095	9877	0.31%	0.032%
67	18.769	2663	2666	2669	rBV4	8516	10785	0.34%	0.034%
68	19.292	2752	2755	2759	rBV2	22330	25942	0.82%	0.083%
69	19.363	2764	2767	2772	rVB	26436	37479	1.18%	0.120%
70	19.463	2780	2784	2795	rBV	97314	179762	5.67%	0.573%
71	19.598	2805	2807	2811	rVB4	12378	14793	0.47%	0.047%
72	19.728	2823	2829	2838	rBV	2518277	3167867	100.00%	10.106%
73	21.180	3072	3076	3088	rVB2	195976	369900	11.68%	1.180%
74	21.510	3127	3132	3139	rBV	1016788	1346284	42.50%	4.295%
75	23.898	3530	3538	3555	rVB2	1382350	2925153	92.34%	9.332%
76	24.068	3560	3567	3579	rVB	624779	1345115	42.46%	4.291%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
A49C5

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
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 31345144

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Acq On : 02 Nov 2023 17:13
Operator : MA/JU
Sample : 04996-17
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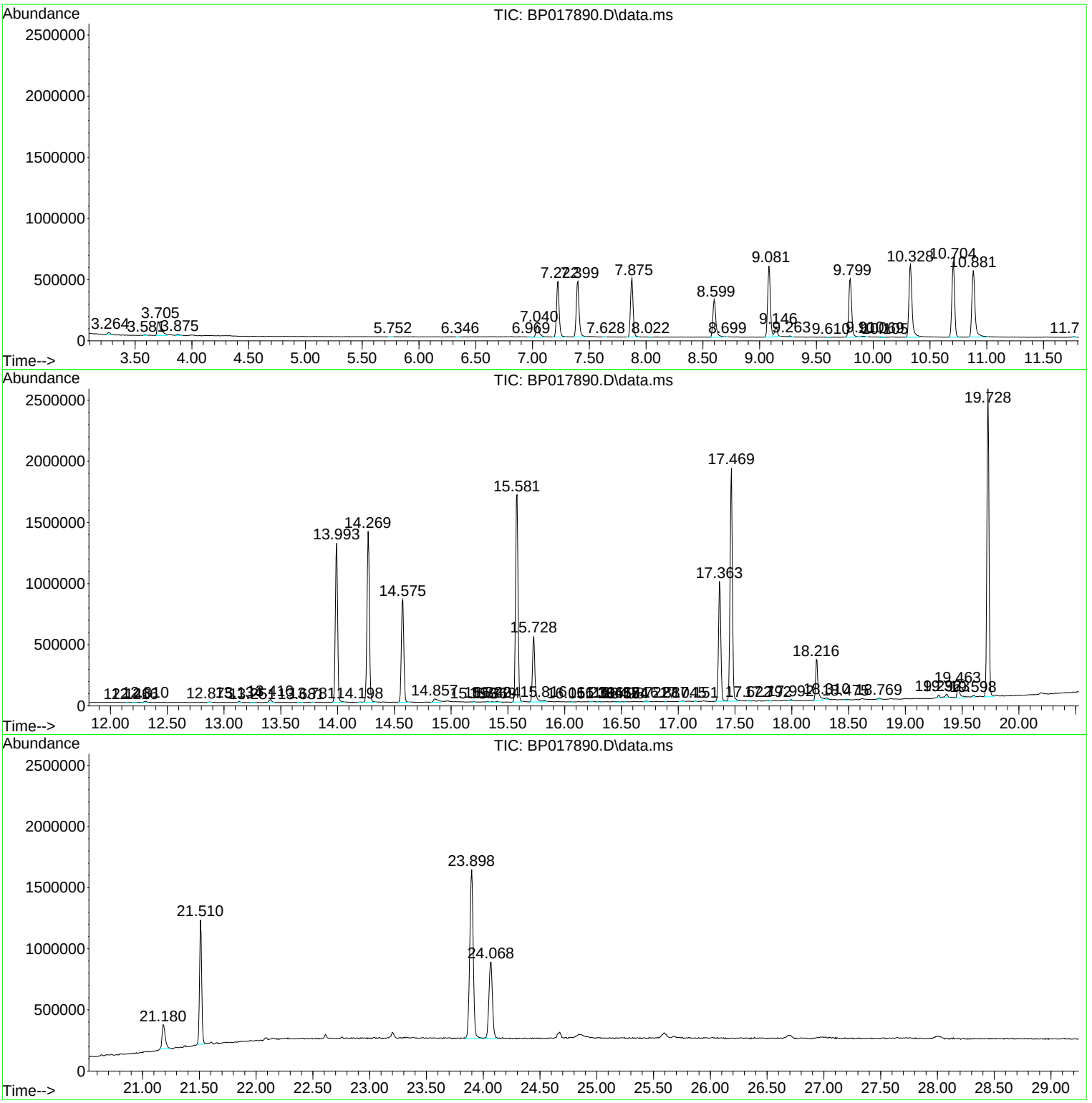
Instrument :
BNA_P
ClientSampleId :
A49C5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017890.D
Acq On : 02 Nov 2023 17:13
Operator : MA/JU
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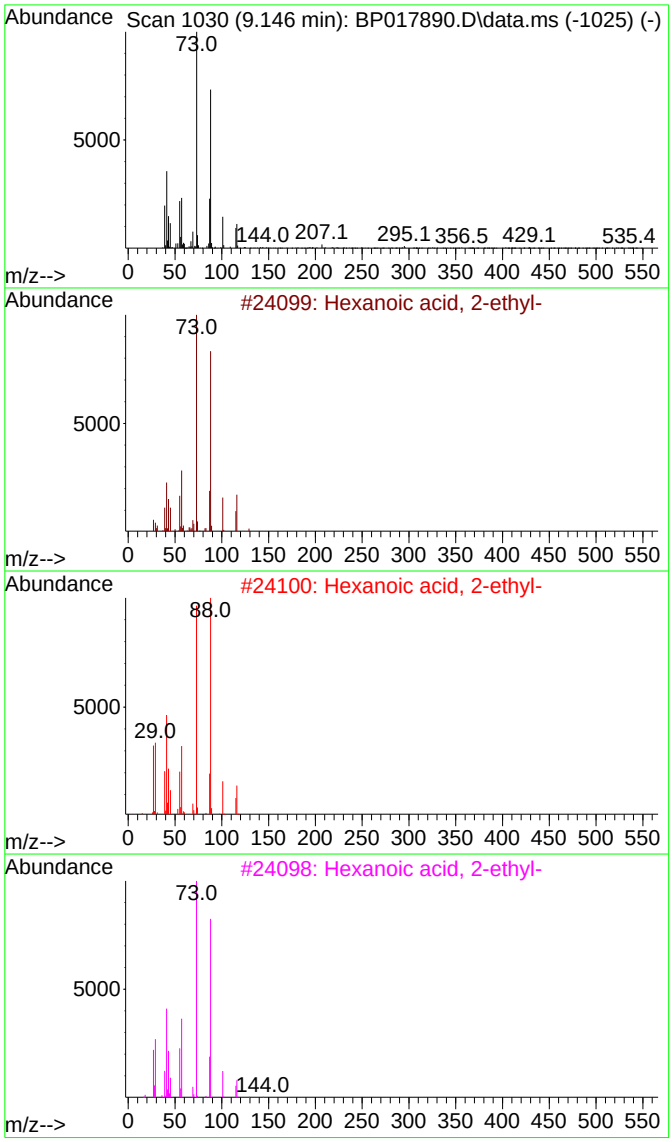
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

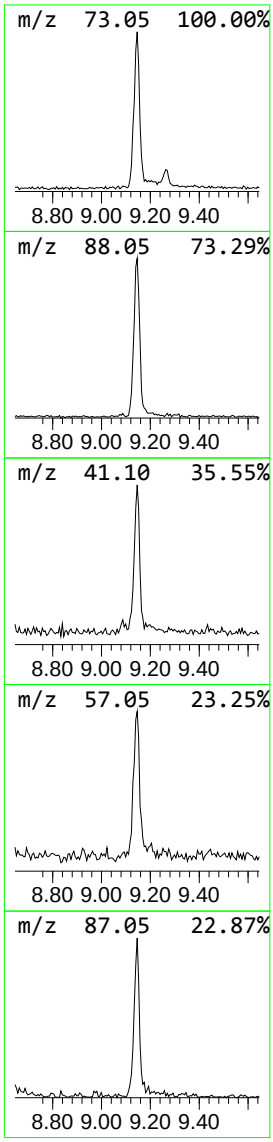
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.146	3.41 ng/ul	134331	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
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Instrument :
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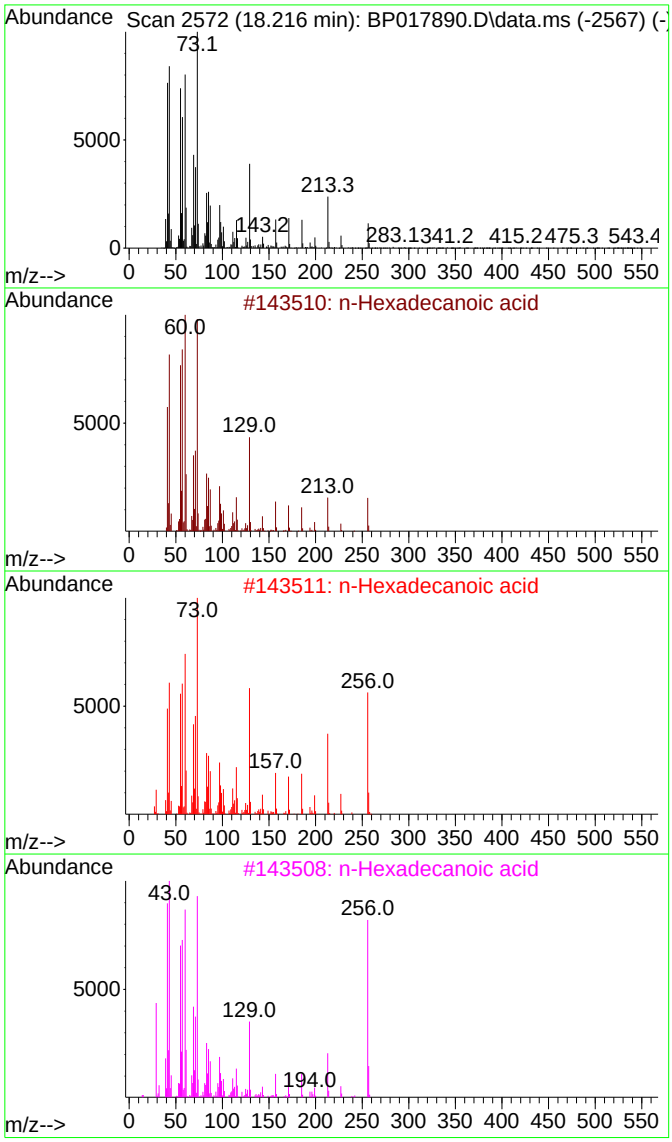
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

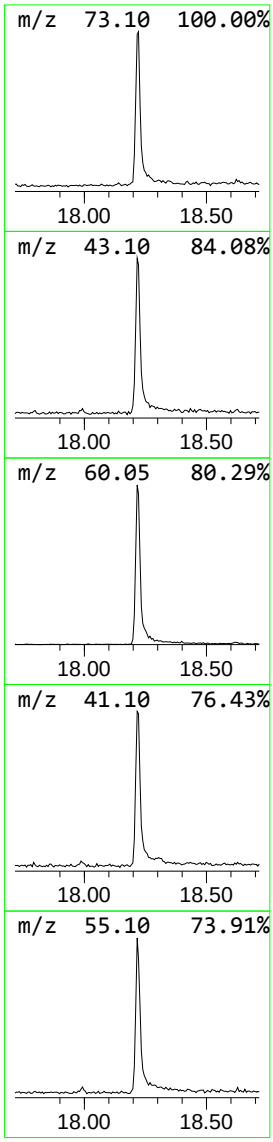
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	7.05 ng/ul	494812	Phenanthrene-d10	17.363

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	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Sample : 04996-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A49C5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

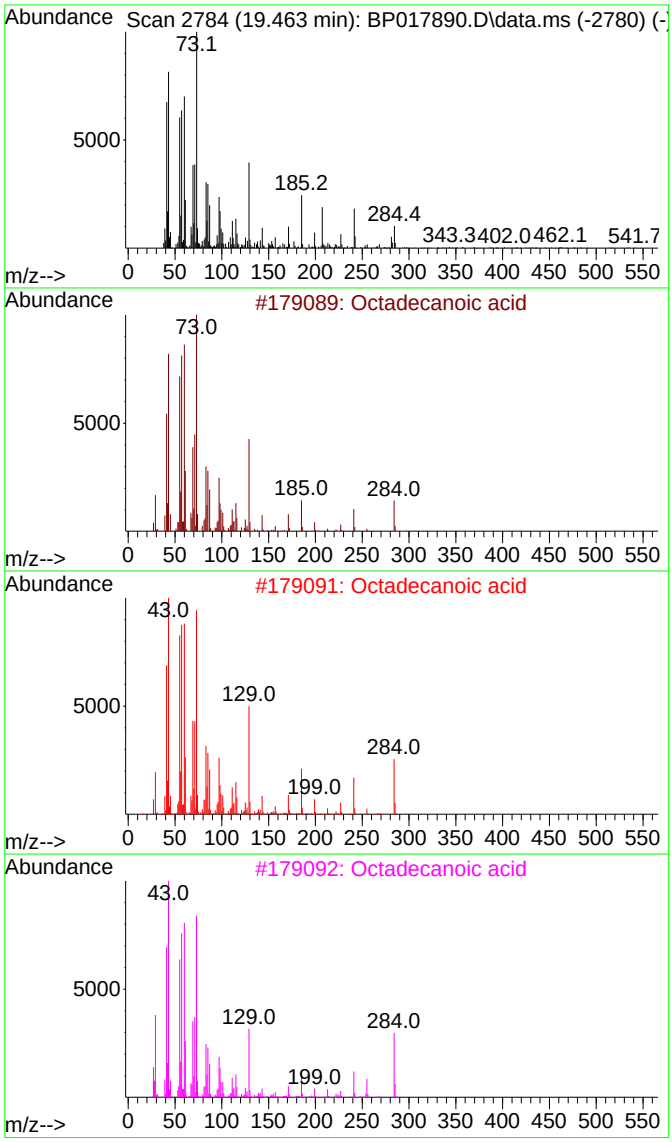
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

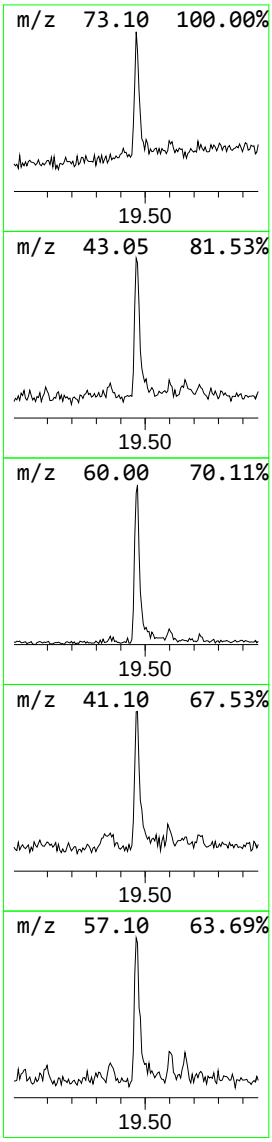
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.463	2.67 ng/ul	179762	Chrysene-d12	21.510

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	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

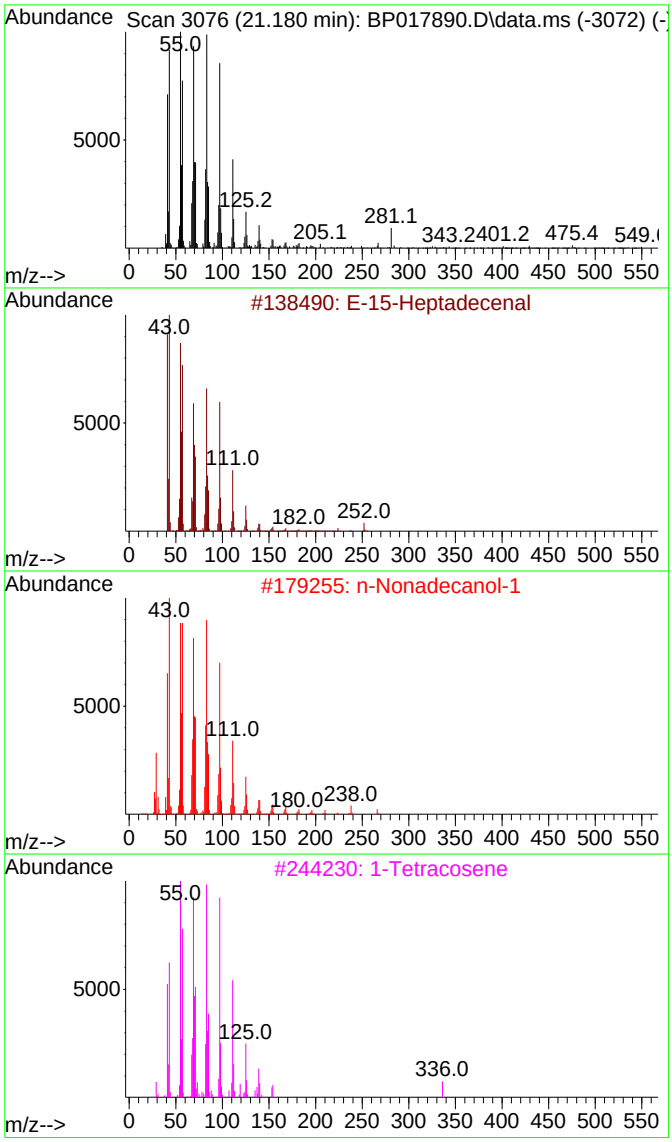
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

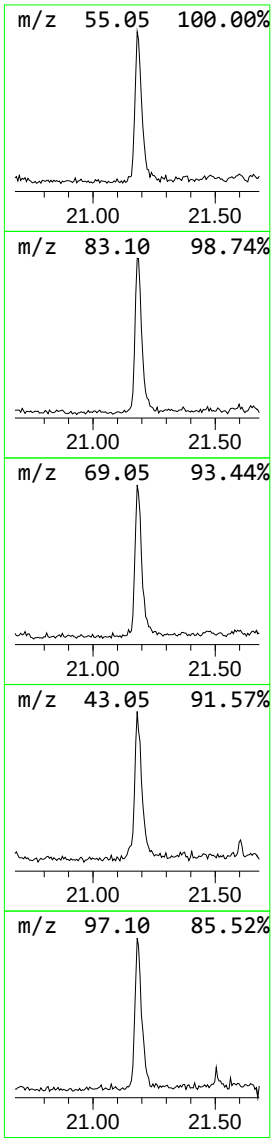
****

Peak Number 4 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	5.50 ng/ul	369900	Chrysene-d12	21.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	1-Tetracosene	336	C24H48	010192-32-2	93
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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
Hexanoic acid, ...	9.146	3.4	ng/ul	134331	1	7.875	788187	20.0
n-Hexadecanoic ...	18.216	7.0	ng/ul	494812	4	17.363	1403150	20.0
Octadecanoic acid	19.463	2.7	ng/ul	179762	5	21.510	1346280	20.0
E-15-Heptadecenal	21.180	5.5	ng/ul	369900	5	21.510	1346280	20.0