LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
Data File : BP021354.D
Acq On : 03 Aug 2024 22:57
Operator : CG/JU
Sample : P3278-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E1ZP9

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021354.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	26	29	37	rVB	26650	35762	1.13%	0.110%
2	3.464	78	81	89	rBV	26279	60851	1.93%	0.187%
3	3.646	108	112	113	rBV4	3981	5639	0.18%	0.017%
4	3.669	113	116	124	rVB2	17924	29514	0.94%	0.091%
5	3.834	142	144	147	rBV4	4272	4474	0.14%	0.014%
6	3.869	148	150	158	rVB4	9033	14952	0.47%	0.046%
7	4.275	217	219	225	rVB2	7985	10052	0.32%	0.031%
8	4.381	235	237	240	rVB4	4474	3992	0.13%	0.012%
9	4.428	241	245	250	rVB	7078	12299	0.39%	0.038%
10	4.646	279	282	286	rVB6	2656	3898	0.12%	0.012%
11	4.769	299	303	311	rVB	37517	61208	1.94%	0.189%
12	5.058	348	352	355	rBV6	2639	4060	0.13%	0.013%
13	6.710	630	633	638	rVB2	4810	6488	0.21%	0.020%
14	6.846	649	656	672	rBV	216203	613144	19.44%	1.889%
15	6.975	672	678	700	rVB	274952	531793	16.86%	1.638%
16	7.175	705	712	730	rBV	343327	670776	21.26%	2.066%
17	7.305	731	734	735	rBV3	4999	4403	0.14%	0.014%
18	7.616	780	787	810	rBV	571706	1067874	33.85%	3.289%
19	8.369	907	915	930	rBV	257977	739076	23.43%	2.277%
20	8.787	980	986	1006	rBV	326356	635633	20.15%	1.958%
21	9.110	1036	1041	1045	rVB5	4192	7350	0.23%	0.023%
22	9.363	1079	1084	1085	rBV3	7816	8454	0.27%	0.026%
23	9.504	1101	1108	1130	rBV	228567	539200	17.09%	1.661%
24	9.646	1130	1132	1138	rVB7	3497	5526	0.18%	0.017%
25	10.063	1196	1203	1221	rBV	220212	747271	23.69%	2.302%
26	10.381	1249	1257	1274	rBV	728793	1513571	47.98%	4.662%
27	10.569	1281	1289	1314	rBV	184903	623073	19.75%	1.919%
28	10.975	1354	1358	1359	rBV4	5562	5764	0.18%	0.018%
29	10.993	1359	1361	1364	rVB4	2817	3260	0.10%	0.010%
30	11.187	1383	1394	1410	rBV4	50729	213954	6.78%	0.659%
31	11.998	1526	1532	1534	rBV7	5163	8354	0.26%	0.026%
32	13.228	1736	1741	1743	rBV7	2906	5000	0.16%	0.015%
33	13.675	1810	1817	1837	rBV	843078	1273139	40.36%	3.922%
34	13.951	1854	1864	1882	rBV	955512	1523166	48.29%	4.692%
35	14.263	1909	1917	1931	rBV	1227800	2030646	64.37%	6.255%
36	14.381	1935	1937	1945	rVB9	2997	4342	0.14%	0.013%

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Misc :
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Instrument :
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ClientSampleId :
E1ZP9

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	14.487	1945	1955	1964	rBV2	43457	130382	4.13%	0.402%
38	14.639	1975	1981	1987	rBV	81145	205525	6.52%	0.633%
39	15.051	2050	2051	2055	rVB4	5293	4655	0.15%	0.014%
40	15.122	2060	2063	2067	rVB6	4454	5590	0.18%	0.017%
41	15.286	2084	2091	2108	rBV	1211639	1941119	61.53%	5.979%
42	15.475	2117	2123	2139	rBV	161801	410639	13.02%	1.265%
43	15.845	2183	2186	2191	rBV7	5402	10032	0.32%	0.031%
44	16.004	2209	2213	2215	rBV5	3977	6396	0.20%	0.020%
45	16.175	2239	2242	2247	rBV7	3107	5894	0.19%	0.018%
46	16.357	2268	2273	2274	rBV5	3696	5208	0.17%	0.016%
47	16.498	2288	2297	2304	rBV5	8268	23781	0.75%	0.073%
48	16.745	2336	2339	2340	rBV3	2656	3228	0.10%	0.010%
49	16.869	2357	2360	2363	rVB3	6682	8334	0.26%	0.026%
50	16.992	2377	2381	2389	rVB8	7637	13329	0.42%	0.041%
51	17.086	2389	2397	2406	rBV	1508541	2471043	78.33%	7.612%
52	17.192	2408	2415	2427	rVV	1355518	1995992	63.27%	6.148%
53	17.769	2509	2513	2519	rBV4	25087	34667	1.10%	0.107%
54	17.892	2529	2534	2539	rBV8	13063	28319	0.90%	0.087%
55	17.951	2540	2544	2548	rBV5	19224	25776	0.82%	0.079%
56	18.010	2548	2554	2565	rBV	353495	618337	19.60%	1.905%
57	19.116	2739	2742	2749	rVB4	25299	35818	1.14%	0.110%
58	19.192	2751	2755	2757	rBV3	31031	45869	1.45%	0.141%
59	19.351	2777	2782	2788	rBV	193356	334558	10.61%	1.031%
60	19.569	2813	2819	2829	rBV	1637947	2507491	79.49%	7.724%
61	19.663	2830	2835	2843	rVB2	52850	147457	4.67%	0.454%
62	20.127	2912	2914	2918	rVB	39218	34535	1.09%	0.106%
63	21.174	3087	3092	3100	rBV5	174521	380526	12.06%	1.172%
64	21.527	3147	3152	3166	rBV2	1640540	2850210	90.35%	8.780%
65	24.592	3666	3673	3684	rVB	762555	1997026	63.31%	6.151%
66	24.815	3703	3711	3725	rVB	1193175	3154521	100.00%	9.717%

Sum of corrected areas: 32464215

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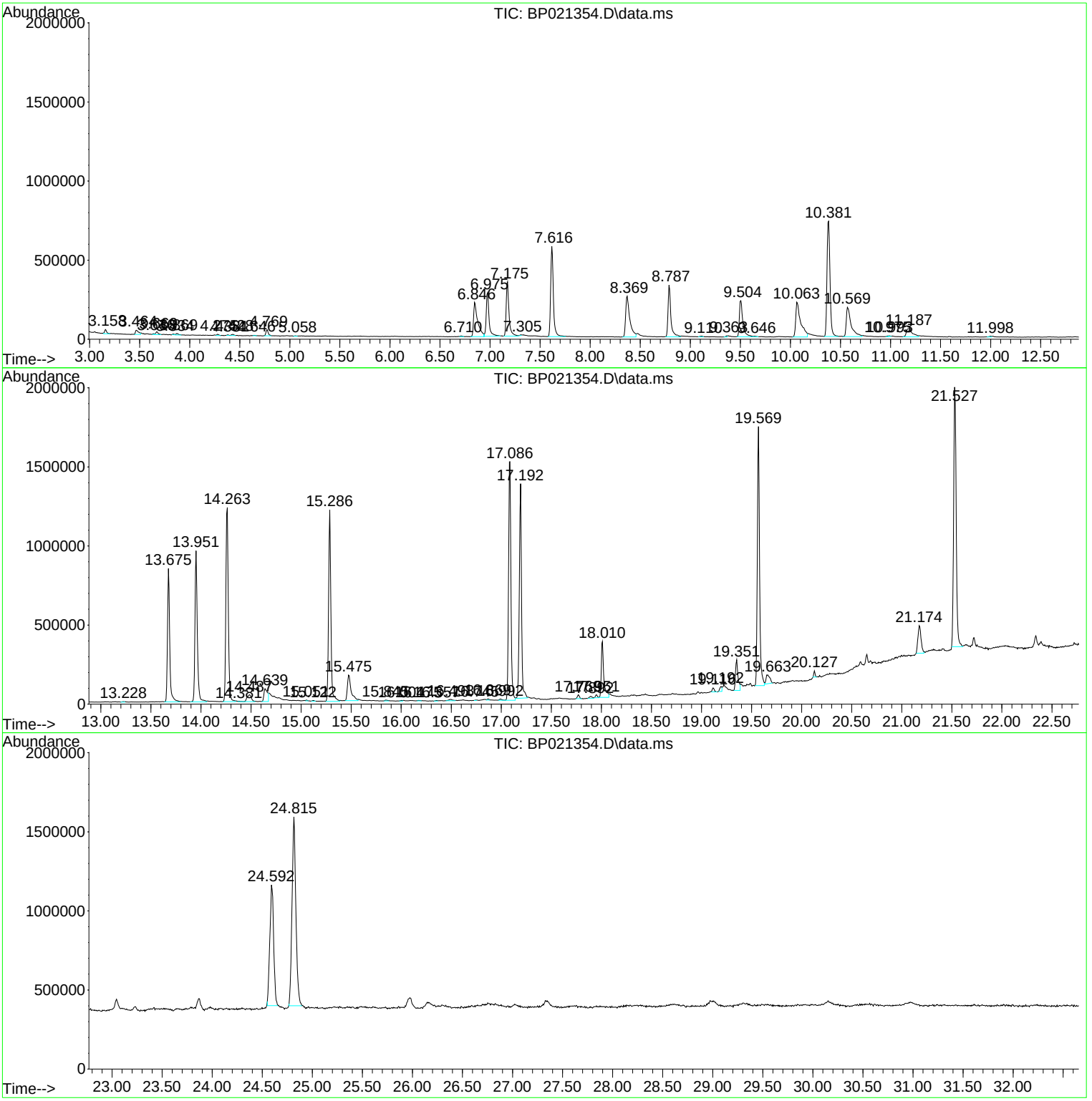
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1ZP9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



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Sample : P3278-04
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ClientSampleId :
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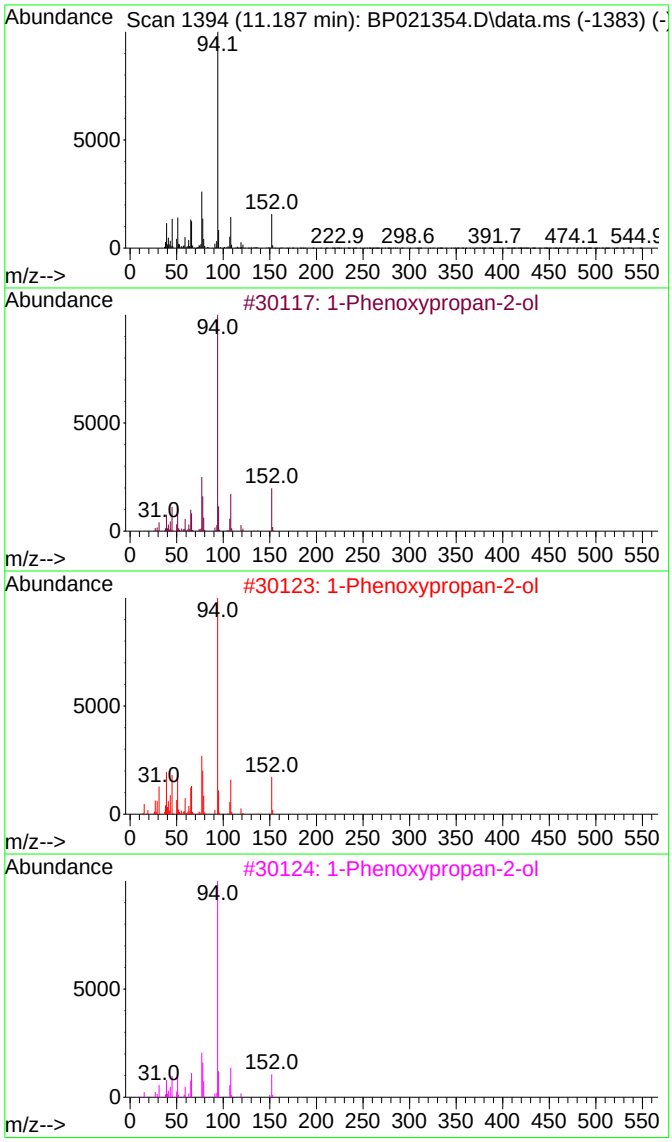
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

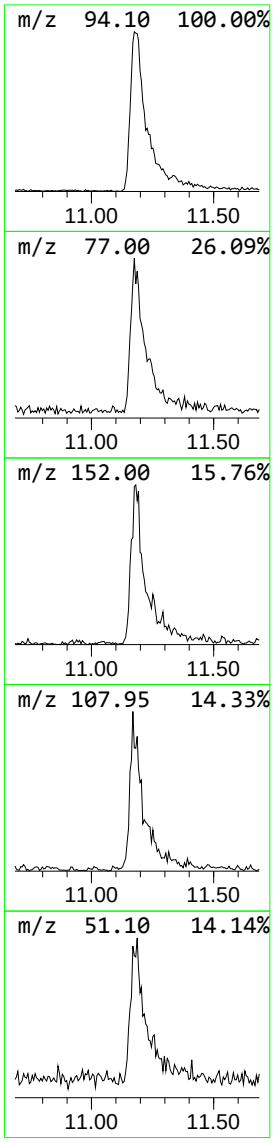
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	2.83 ng/ul	213954	Naphthalene-d8	10.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
4	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	59
5	3-(.alpha.-Hydroxyethyl)-aniline	137	C8H11NO	002454-37-7	59





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Instrument :
BNA_P
ClientSampleId :
E1ZP9

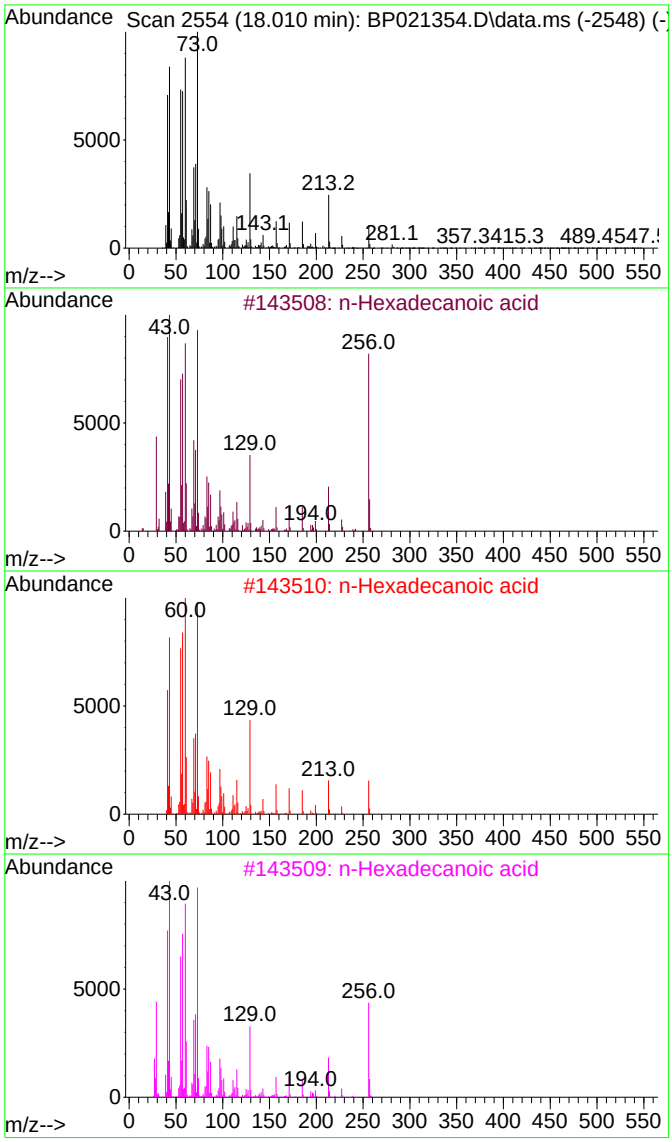
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

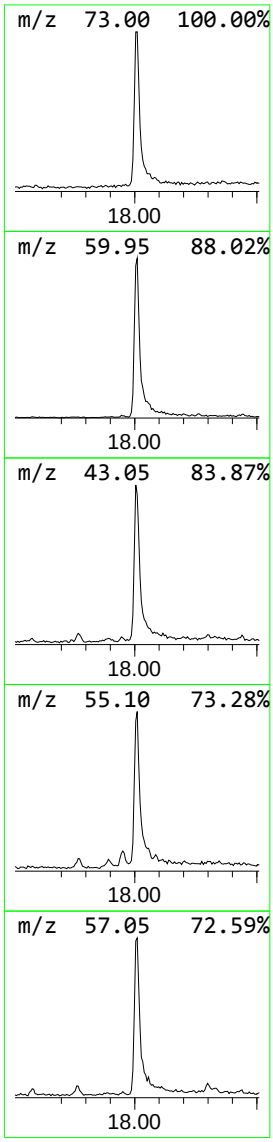
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	5.00 ng/ul	618337	Phenanthrene-d10	17.086

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	97
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





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Sample : P3278-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1ZP9

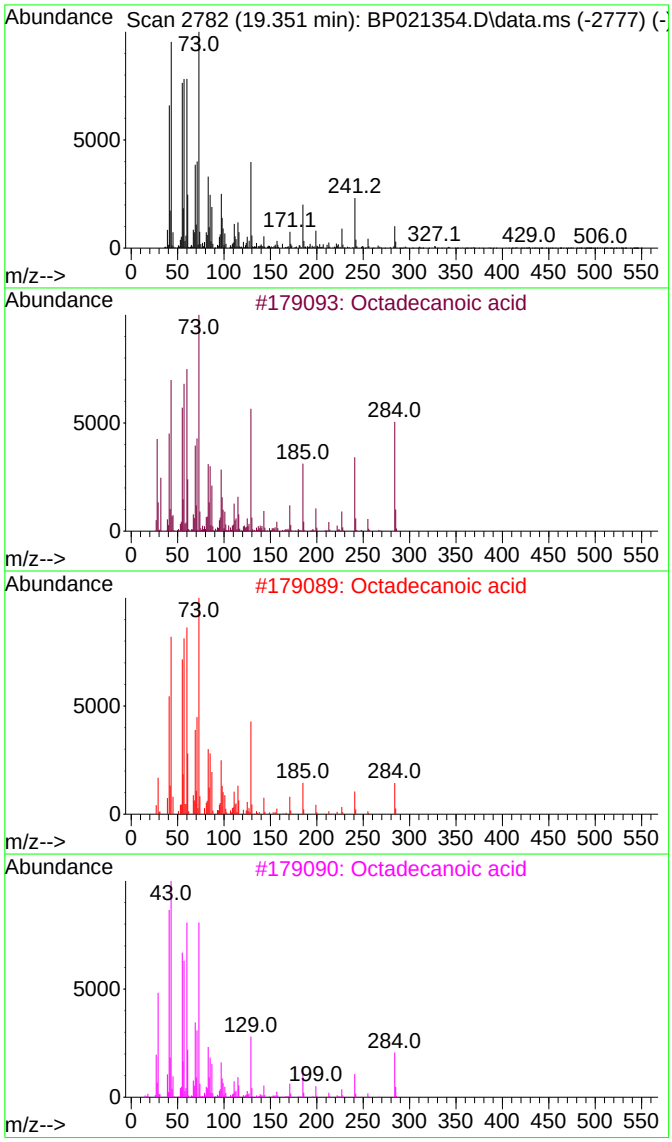
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

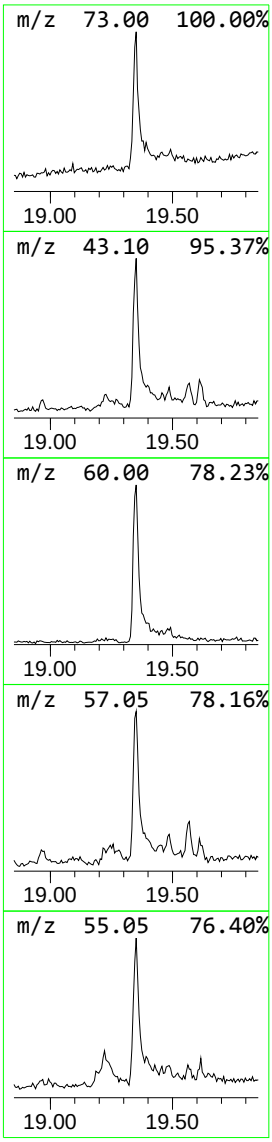
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	2.35 ng/ul	334558	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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1ZP9

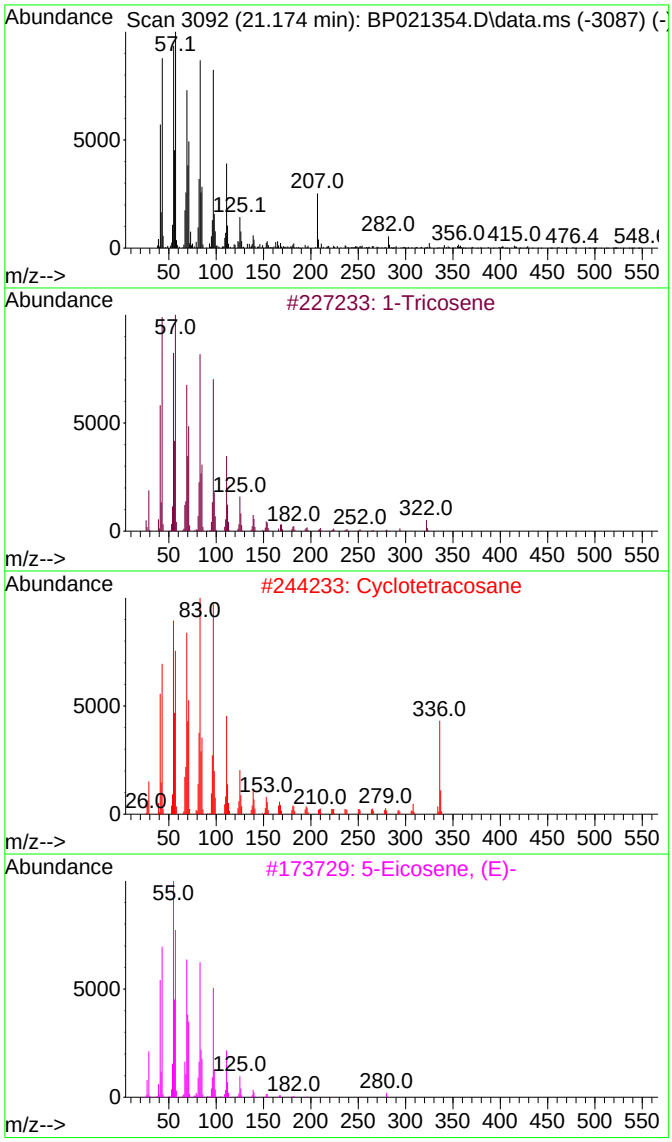
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

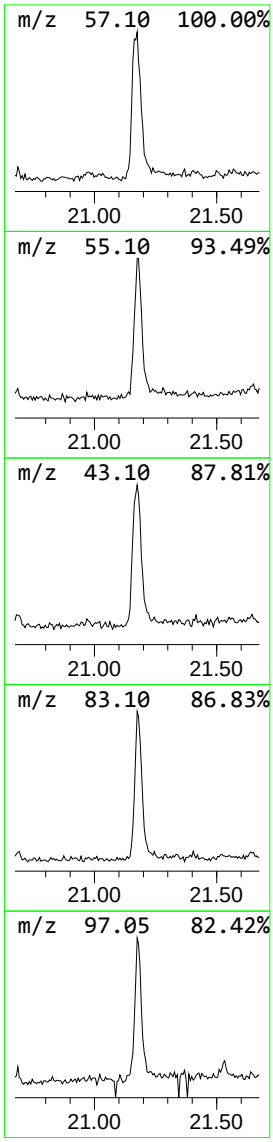
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	2.67 ng/ul	380526	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	1-Tricosene	322	C23H46	018835-32-0	91





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
1-Phenoxypropan...	11.187	2.8	ng/ul	213954	2	10.381	1513570	20.0
n-Hexadecanoic ...	18.010	5.0	ng/ul	618337	4	17.086	2471040	20.0
Octadecanoic acid	19.351	2.4	ng/ul	334558	5	21.527	2850210	20.0
(DEL) Alkane: S...	21.174	2.7	ng/ul	380526	5	21.527	2850210	20.0