LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020183.D
Acq On : 03 May 2024 20:00
Operator : MA/JU
Sample : P2350-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E08Q1

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020183.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	18	22	39	rVB	25291	48696	1.39%	0.140%
2	3.499	66	70	85	rVB	15587	37298	1.06%	0.108%
3	3.622	87	91	107	rBV	188581	355050	10.13%	1.023%
4	3.917	137	141	147	rVB2	5701	9416	0.27%	0.027%
5	4.275	199	202	209	rVB8	3463	5699	0.16%	0.016%
6	5.787	454	459	461	rBV6	2339	4174	0.12%	0.012%
7	6.675	606	610	612	rBV4	3393	4205	0.12%	0.012%
8	6.811	626	633	653	rBV	398450	784732	22.39%	2.262%
9	6.981	655	662	672	rVV	313635	545861	15.58%	1.574%
10	7.163	686	693	712	rVB	422417	754073	21.52%	2.174%
11	7.622	764	771	781	rBV	278658	493649	14.09%	1.423%
12	8.328	885	891	911	rBV	530324	1021494	29.15%	2.945%
13	8.787	962	969	984	rBV	469434	829411	23.67%	2.391%
14	8.946	991	996	1004	rVB9	4791	10500	0.30%	0.030%
15	9.134	1024	1028	1035	rVB	9304	14859	0.42%	0.043%
16	9.363	1061	1067	1082	rBV2	26984	56036	1.60%	0.162%
17	9.499	1082	1090	1103	rBV	398237	741462	21.16%	2.137%
18	9.799	1133	1141	1145	rBV10	3514	9708	0.28%	0.028%
19	10.034	1173	1181	1200	rBV	534519	1072436	30.60%	3.091%
20	10.193	1201	1208	1231	rVB	291522	771434	22.01%	2.224%
21	10.399	1236	1243	1252	rVB	437987	728207	20.78%	2.099%
22	10.551	1261	1269	1299	rBV	522740	1083722	30.92%	3.124%
23	11.004	1339	1346	1354	rBV	5533	15046	0.43%	0.043%
24	11.199	1371	1379	1391	rBV3	18345	67280	1.92%	0.194%
25	11.393	1406	1412	1419	rBV9	4456	10313	0.29%	0.030%
26	11.822	1478	1485	1489	rBV7	3062	5795	0.17%	0.017%
27	11.963	1504	1509	1513	rBV7	1580	3746	0.11%	0.011%
28	12.016	1513	1518	1527	rVB5	7716	17274	0.49%	0.050%
29	12.745	1636	1642	1654	rBV5	6503	20361	0.58%	0.059%
30	13.087	1694	1700	1708	rBV4	7962	12120	0.35%	0.035%
31	13.169	1708	1714	1719	rBV4	12058	21397	0.61%	0.062%
32	13.710	1797	1806	1821	rBV	1241305	1862407	53.14%	5.369%
33	13.804	1821	1822	1827	rVB5	3731	3688	0.11%	0.011%
34	13.975	1843	1851	1865	rBV2	1240217	2005209	57.22%	5.780%
35	14.192	1884	1888	1895	rVB6	3911	6239	0.18%	0.018%
36	14.287	1895	1904	1913	rBV	682210	1074400	30.66%	3.097%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
E08Q1

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	14.545	1935	1948	1977	rBV3	296612	1050349	29.97%	3.028%
38	14.745	1979	1982	1995	rVV3	14105	44305	1.26%	0.128%
39	14.828	1995	1996	2003	rVB7	4126	5540	0.16%	0.016%
40	15.110	2038	2044	2049	rVB7	2866	4738	0.14%	0.014%
41	15.175	2049	2055	2059	rBV5	5183	7950	0.23%	0.023%
42	15.316	2072	2079	2095	rVB	1730259	2576427	73.52%	7.427%
43	15.463	2097	2104	2117	rBV	545623	902802	25.76%	2.602%
44	15.904	2173	2179	2184	rBV9	2279	4652	0.13%	0.013%
45	16.057	2199	2205	2212	rBV5	7156	14046	0.40%	0.040%
46	16.122	2212	2216	2220	rVB6	4477	5977	0.17%	0.017%
47	16.534	2282	2286	2292	rVB9	3347	5592	0.16%	0.016%
48	16.786	2327	2329	2335	rVB6	2934	4001	0.11%	0.012%
49	16.881	2341	2345	2348	rBV4	7672	11561	0.33%	0.033%
50	17.116	2378	2385	2396	rVV	862321	1354893	38.66%	3.906%
51	17.222	2396	2403	2418	rVV2	1758201	2900291	82.76%	8.360%
52	17.333	2418	2422	2424	rVV4	4804	7678	0.22%	0.022%
53	17.363	2424	2427	2435	rVB9	9238	16587	0.47%	0.048%
54	17.651	2472	2476	2482	rBV8	4735	8887	0.25%	0.026%
55	17.839	2503	2508	2513	rBV5	7701	13424	0.38%	0.039%
56	17.945	2523	2526	2529	rBV5	2973	3754	0.11%	0.011%
57	18.075	2542	2548	2559	rBV	314154	510243	14.56%	1.471%
58	18.380	2597	2600	2603	rVB5	3794	4791	0.14%	0.014%
59	18.522	2621	2624	2628	rBV6	5659	7970	0.23%	0.023%
60	18.786	2666	2669	2671	rBV4	4498	5643	0.16%	0.016%
61	19.045	2709	2713	2716	rBV3	18334	24904	0.71%	0.072%
62	19.075	2716	2718	2723	rVB5	14510	17766	0.51%	0.051%
63	19.169	2729	2734	2739	rBV2	28227	38065	1.09%	0.110%
64	19.263	2742	2750	2753	rBV2	36958	81945	2.34%	0.236%
65	19.292	2753	2755	2769	rVB3	47753	90469	2.58%	0.261%
66	19.422	2772	2777	2790	rBV	207824	314007	8.96%	0.905%
67	19.622	2804	2811	2821	rBV	2415964	3504435	100.00%	10.102%
68	20.574	2969	2973	2977	rBV5	40161	65362	1.87%	0.188%
69	20.757	3001	3004	3008	rBV3	34752	46010	1.31%	0.133%
70	21.304	3091	3097	3107	rBV	186656	376237	10.74%	1.085%
71	21.616	3144	3150	3166	rVB	873403	1554819	44.37%	4.482%
72	24.745	3672	3682	3699	rVB2	1076435	3207901	91.54%	9.247%
73	24.974	3713	3721	3734	rVB	464932	1389243	39.64%	4.005%

Sum of corrected areas: 34690661

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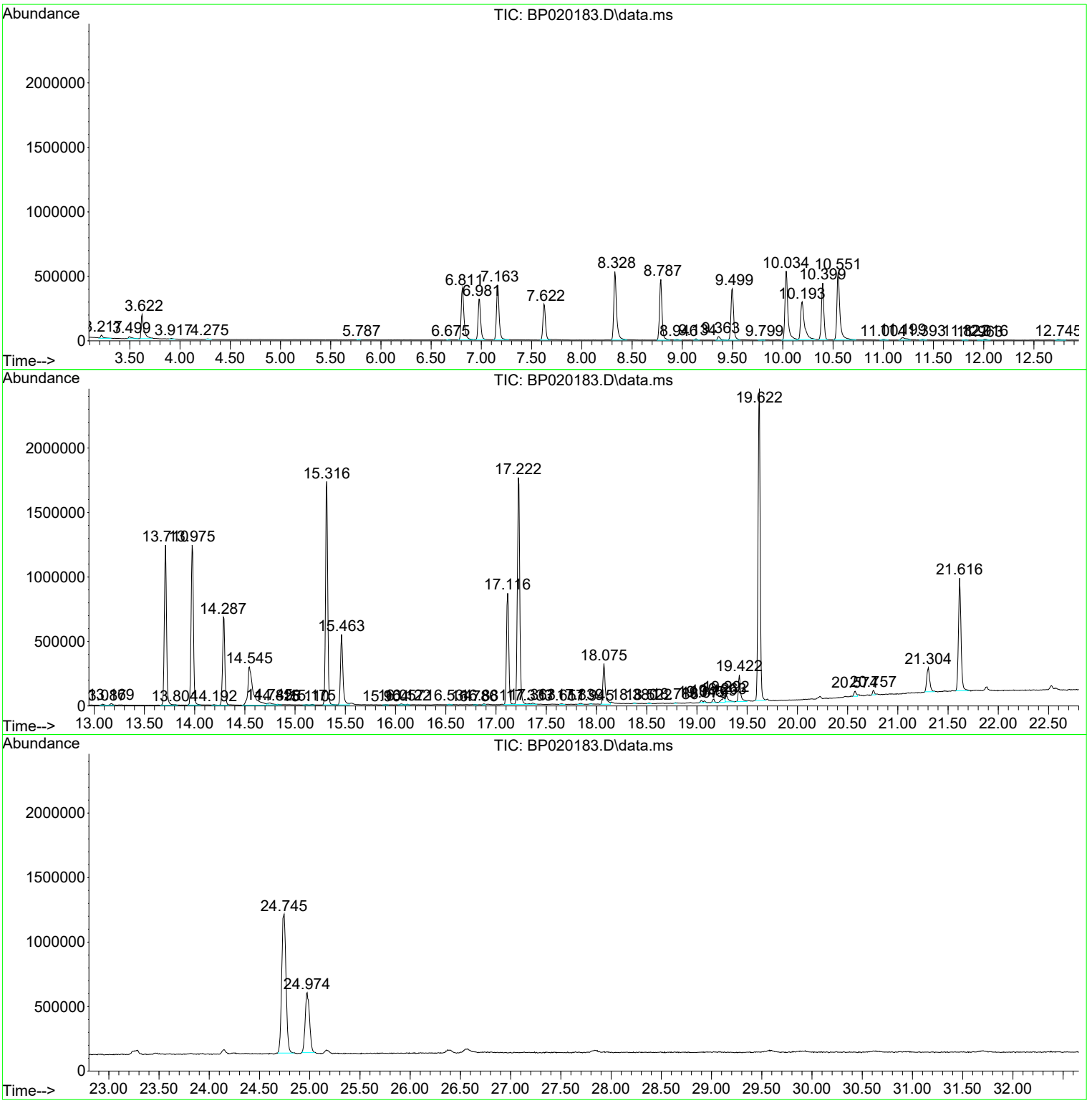
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E08Q1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : MA/JU
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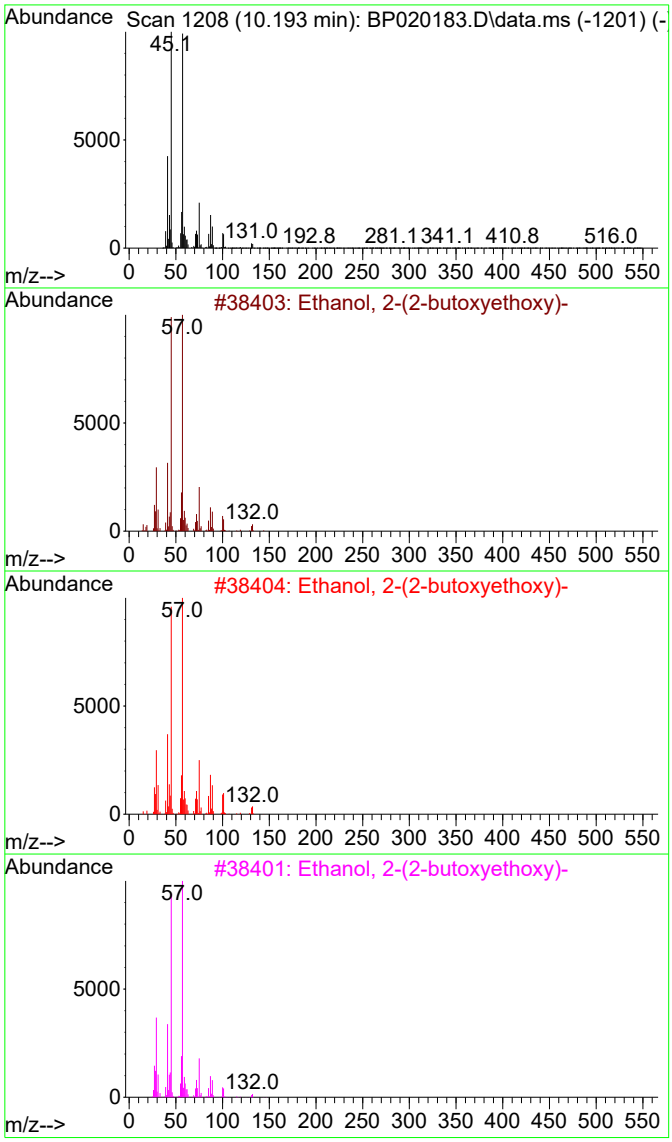
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

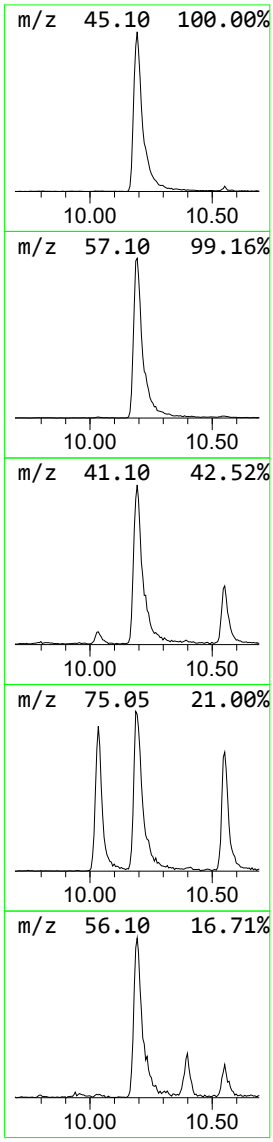
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.193	21.19 ng/ul	771434	Naphthalene-d8	10.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
Data File : BP020183.D
Acq On : 03 May 2024 20:00
Operator : MA/JU
Sample : P2350-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E08Q1

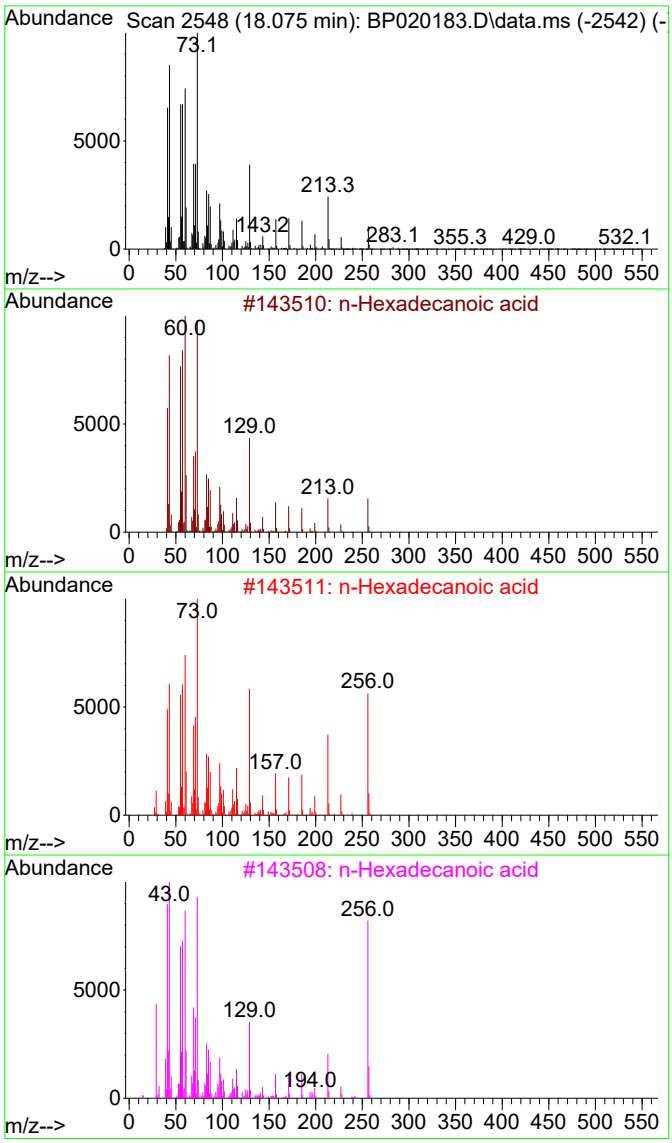
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

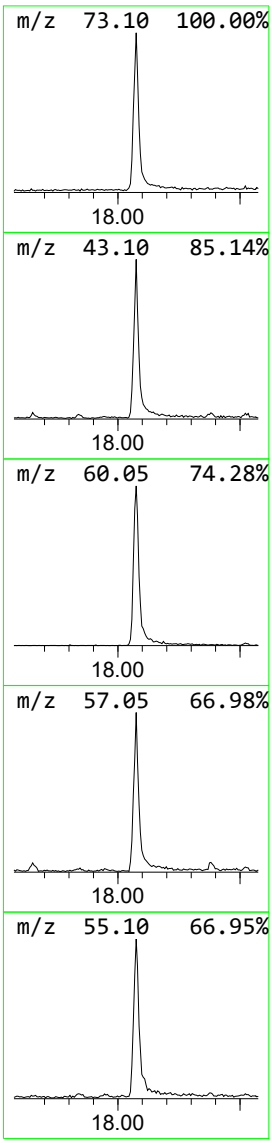
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	7.53 ng/ul	510243	Phenanthrene-d10	17.116

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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Data File : BP020183.D
Acq On : 03 May 2024 20:00
Operator : MA/JU
Sample : P2350-03
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E08Q1

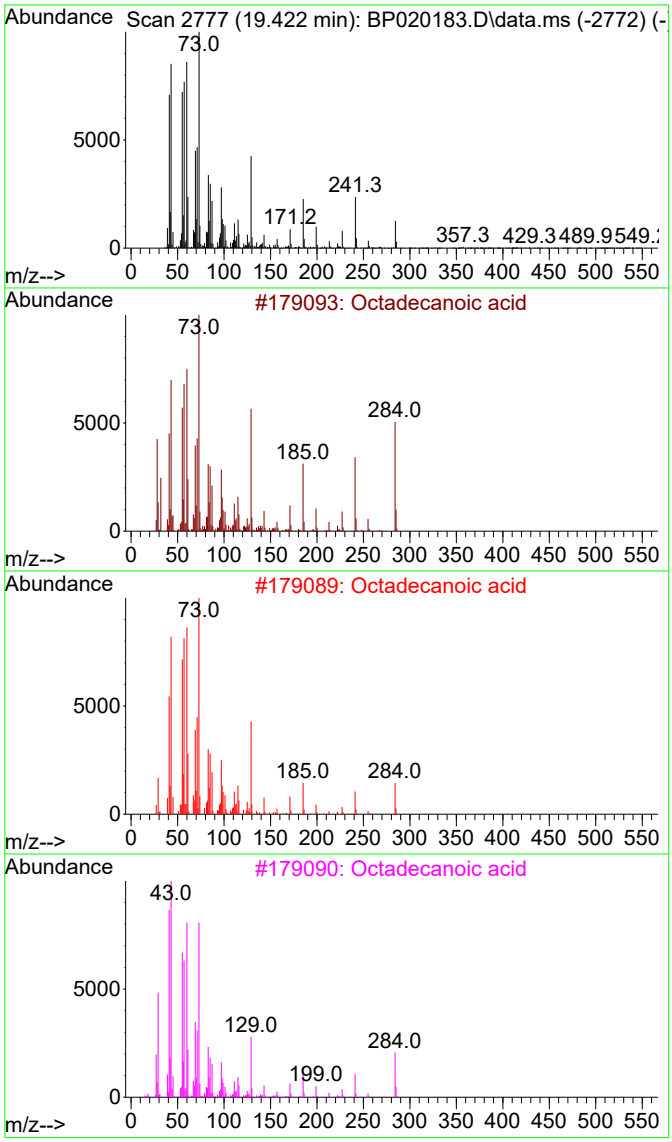
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

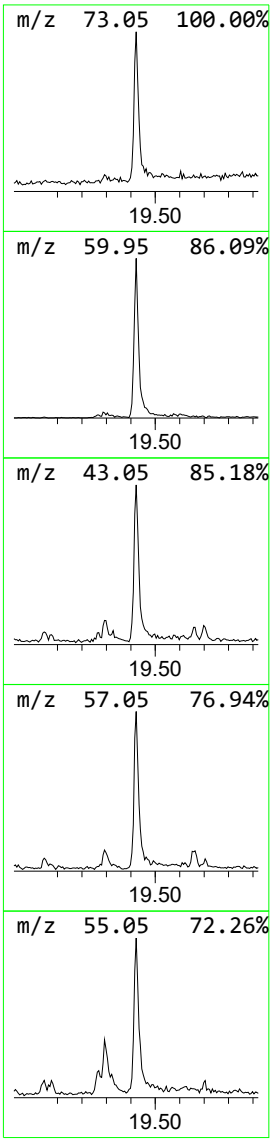
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.422	4.04 ng/ul	314007	Chrysene-d12	21.616

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	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E08Q1

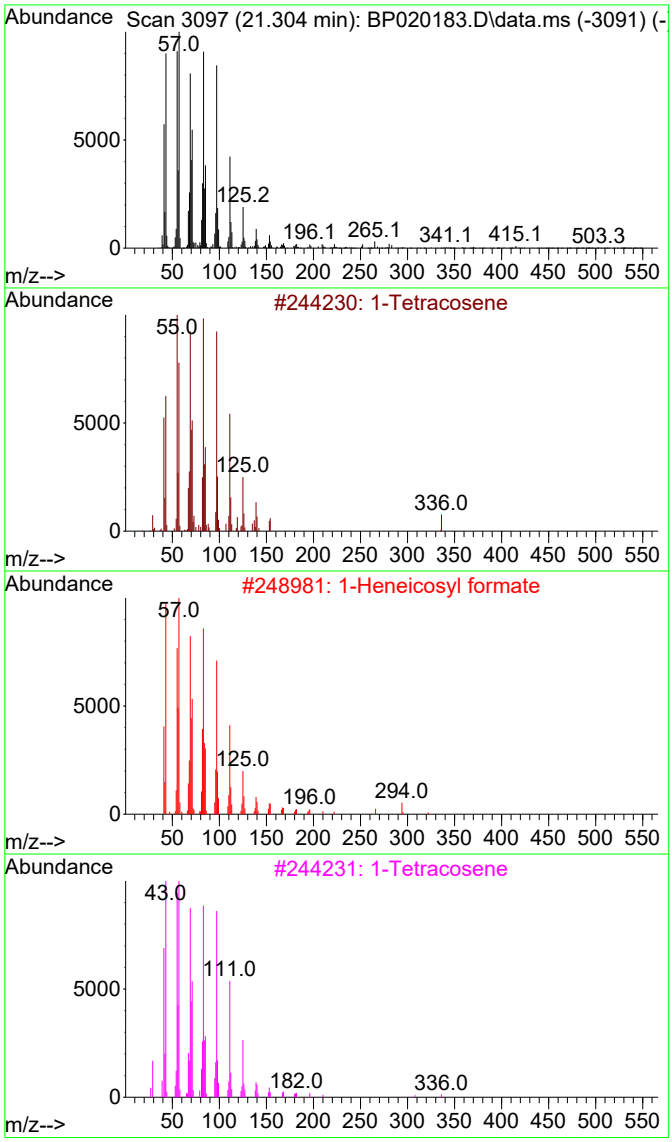
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

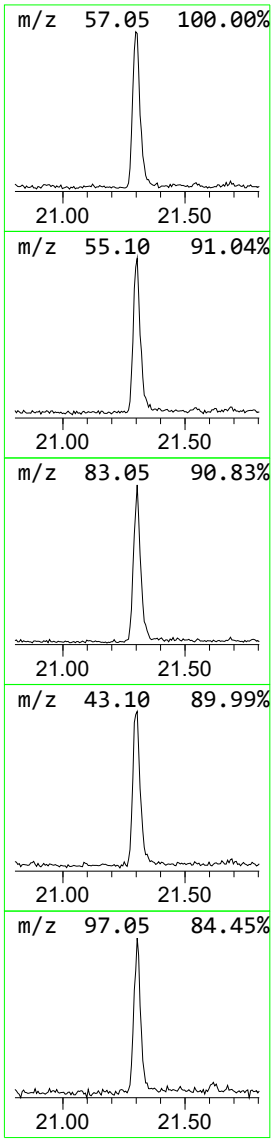
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.304	4.84 ng/ul	376237	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	98
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	Nonacos-1-ene	406	C29H58	018835-35-3	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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
Ethanol, 2-(2-b...	10.193	21.2	ng/ul	771434	2	10.399	728207	20.0
n-Hexadecanoic ...	18.075	7.5	ng/ul	510243	4	17.116	1354890	20.0
Octadecanoic acid	19.422	4.0	ng/ul	314007	5	21.616	1554820	20.0
(DEL) Alkane: S...	21.304	4.8	ng/ul	376237	5	21.616	1554820	20.0