LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020241.D
Acq On : 08 May 2024 16:05
Operator : MA/JU
Sample : P2369-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M8

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: BP020241.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	29	rVB	13973	19255	0.91%	0.082%
2	3.499	68	70	78	rBV	5786	11444	0.54%	0.049%
3	3.617	87	90	105	rBV	170033	310455	14.75%	1.318%
4	3.911	135	140	143	rBV5	6801	9444	0.45%	0.040%
5	4.123	173	176	183	rVB9	4452	7129	0.34%	0.030%
6	5.599	423	427	431	rBV7	1215	2442	0.12%	0.010%
7	6.811	625	633	647	rBV	212472	466693	22.17%	1.982%
8	6.969	654	660	675	rVB	195846	335343	15.93%	1.424%
9	7.158	684	692	713	rBV	250669	469257	22.29%	1.993%
10	7.616	762	770	785	rBV	333026	597995	28.40%	2.539%
11	7.764	793	795	801	rVB6	1435	2460	0.12%	0.010%
12	8.322	883	890	908	rBV	267309	571908	27.16%	2.429%
13	8.775	961	967	981	rBV	261352	492450	23.39%	2.091%
14	8.934	991	994	1002	rVB10	4959	9551	0.45%	0.041%
15	9.128	1024	1027	1031	rBV5	2114	2865	0.14%	0.012%
16	9.369	1063	1068	1076	rBV2	7676	16101	0.76%	0.068%
17	9.487	1081	1088	1099	rBV	229161	440088	20.90%	1.869%
18	10.028	1173	1180	1204	rBV	302464	647671	30.76%	2.750%
19	10.205	1204	1210	1228	rVV2	34042	119727	5.69%	0.508%
20	10.393	1233	1242	1255	rVV	513334	887068	42.13%	3.767%
21	10.487	1255	1258	1261	rVV5	1896	3161	0.15%	0.013%
22	10.552	1261	1269	1299	rVB	288196	663600	31.52%	2.818%
23	11.005	1341	1346	1347	rBV4	2318	2803	0.13%	0.012%
24	11.205	1372	1380	1386	rBV5	7420	22008	1.05%	0.093%
25	12.010	1510	1517	1526	rVB4	5230	12250	0.58%	0.052%
26	12.369	1574	1578	1582	rBV7	1320	2289	0.11%	0.010%
27	12.593	1614	1616	1620	rBV5	1498	2264	0.11%	0.010%
28	13.169	1709	1714	1720	rBV3	11444	19184	0.91%	0.081%
29	13.257	1724	1729	1736	rBV5	8053	13065	0.62%	0.055%
30	13.634	1788	1793	1796	rBV6	2601	4113	0.20%	0.017%
31	13.704	1796	1805	1821	rVV	701917	1122593	53.32%	4.767%
32	13.834	1825	1827	1833	rVB6	3657	4535	0.22%	0.019%
33	13.981	1843	1852	1865	rBV2	723330	1239069	58.85%	5.262%
34	14.198	1885	1889	1897	rVB2	1323	2423	0.12%	0.010%
35	14.298	1897	1906	1915	rBV	877360	1306236	62.04%	5.547%
36	14.528	1937	1945	1947	rBV4	26085	57801	2.75%	0.245%

LSC Area Percent Report

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Acq On : 08 May 2024 16:05
Operator : MA/JU
Sample : P2369-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43M8

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	14.569	1947	1952	1965	rVV2	121112	320882	15.24%	1.363%
38	14.746	1980	1982	1992	rVB9	8487	18294	0.87%	0.078%
39	14.969	2016	2020	2024	rVB7	2506	3926	0.19%	0.017%
40	15.181	2049	2056	2062	rVB7	3475	7953	0.38%	0.034%
41	15.322	2073	2080	2089	rBV	1102853	1579033	75.00%	6.705%
42	15.475	2100	2106	2120	rBV	255197	473989	22.51%	2.013%
43	15.575	2121	2123	2131	rVB8	7996	11930	0.57%	0.051%
44	16.075	2201	2208	2213	rBV10	3563	7803	0.37%	0.033%
45	16.128	2213	2217	2219	rBV5	2287	3298	0.16%	0.014%
46	16.222	2230	2233	2236	rBV5	1461	2264	0.11%	0.010%
47	16.334	2247	2252	2256	rVB5	4304	6441	0.31%	0.027%
48	16.422	2263	2267	2271	rVB7	2896	5646	0.27%	0.024%
49	16.540	2283	2287	2293	rVB8	7606	11542	0.55%	0.049%
50	16.792	2324	2330	2337	rBV2	31887	64002	3.04%	0.272%
51	16.904	2344	2349	2352	rBV7	2482	5400	0.26%	0.023%
52	17.051	2372	2374	2376	rBV3	2870	2805	0.13%	0.012%
53	17.128	2381	2387	2395	rBV	1012504	1663222	78.99%	7.063%
54	17.240	2400	2406	2419	rVB2	1007345	1692501	80.39%	7.187%
55	17.351	2420	2425	2429	rBV8	4479	8000	0.38%	0.034%
56	17.575	2458	2463	2475	rBV8	11868	32702	1.55%	0.139%
57	17.787	2496	2499	2503	rVB6	5084	5594	0.27%	0.024%
58	17.863	2508	2512	2517	rVB5	5476	7082	0.34%	0.030%
59	17.975	2526	2531	2534	rBV7	4995	8521	0.40%	0.036%
60	18.098	2546	2552	2564	rBV	264175	455875	21.65%	1.936%
61	18.251	2576	2578	2579	rBV2	2985	2560	0.12%	0.011%
62	18.410	2602	2605	2609	rBV6	4832	8283	0.39%	0.035%
63	18.545	2624	2628	2633	rBV2	33647	40727	1.93%	0.173%
64	18.822	2671	2675	2678	rBV6	4180	8271	0.39%	0.035%
65	19.192	2734	2738	2743	rBV5	15351	24113	1.15%	0.102%
66	19.275	2747	2752	2753	rBV	13222	19932	0.95%	0.085%
67	19.304	2753	2757	2762	rVB	42440	67188	3.19%	0.285%
68	19.451	2776	2782	2791	rBV2	114021	202527	9.62%	0.860%
69	19.604	2806	2808	2810	rBV3	9283	10170	0.48%	0.043%
70	19.651	2810	2816	2826	rVV	1485085	2105486	100.00%	8.941%
71	20.781	3006	3008	3012	rVB4	25015	26661	1.27%	0.113%
72	21.333	3097	3102	3110	rBV3	104022	220505	10.47%	0.936%
73	21.639	3148	3154	3167	rVB	964900	1621298	77.00%	6.885%
74	24.780	3678	3688	3707	rVB2	546426	1552999	73.76%	6.595%
75	25.010	3718	3727	3739	rVB3	436868	1342360	63.76%	5.700%

LSC Area Percent Report

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Acq On : 08 May 2024 16:05
Operator : MA/JU
Sample : P2369-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M8

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

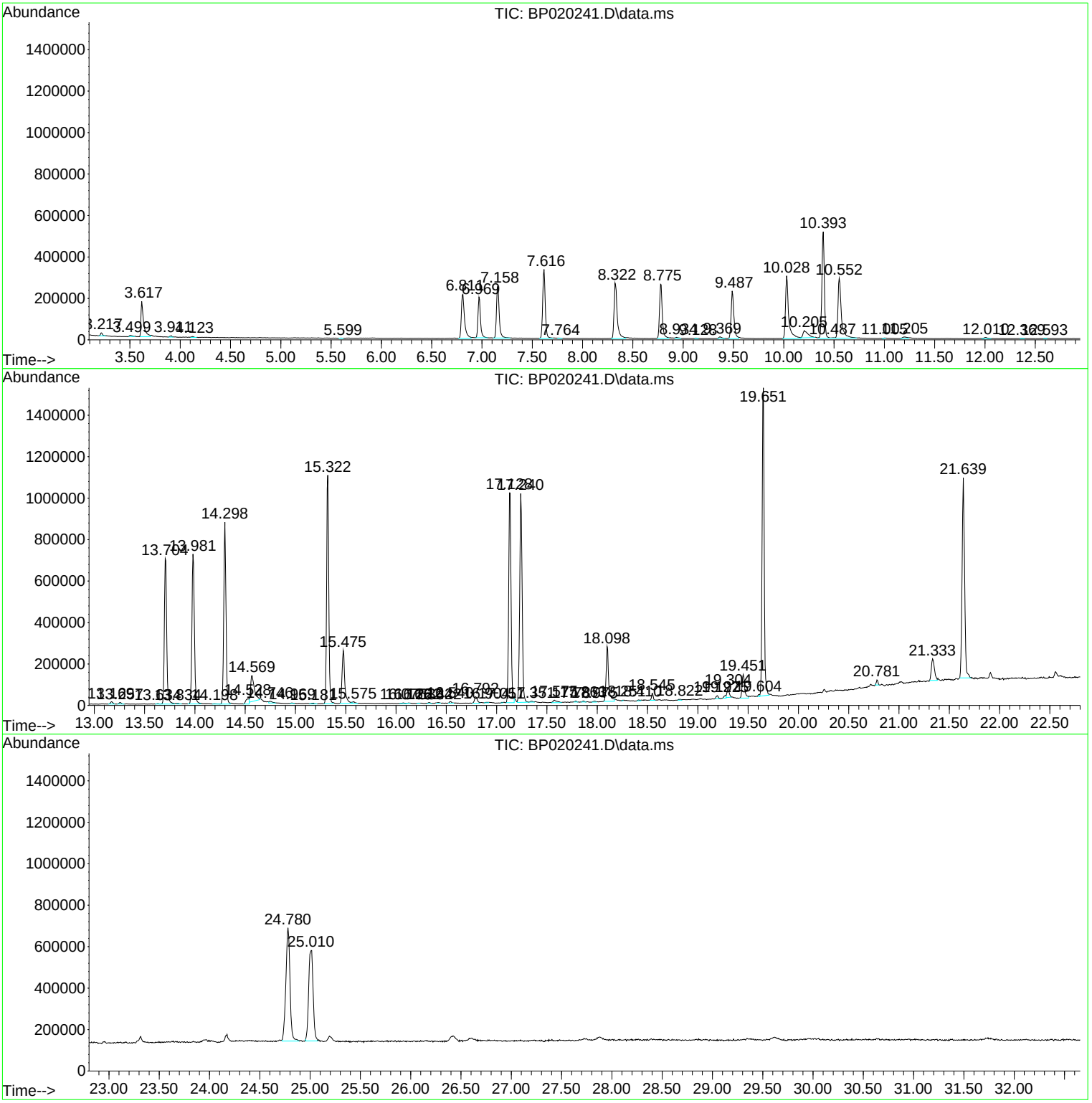
Sum of corrected areas: 23548525

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020241.D
Acq On : 08 May 2024 16:05
Operator : MA/JU
Sample : P2369-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M8

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020241.D
Acq On : 08 May 2024 16:05
Operator : MA/JU
Sample : P2369-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M8

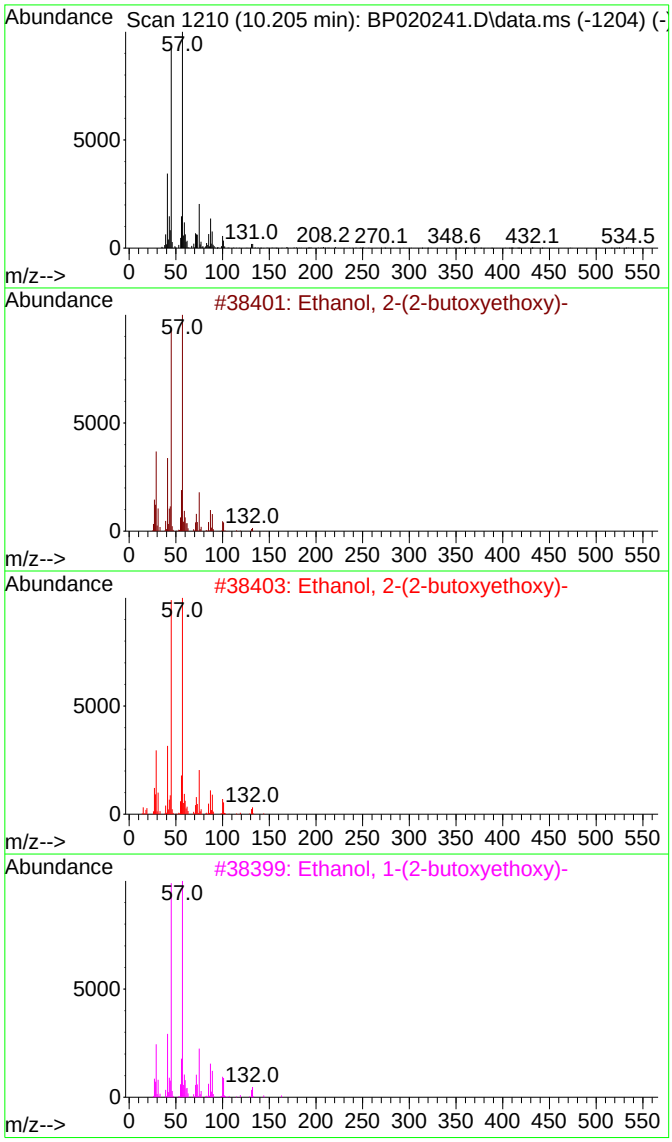
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

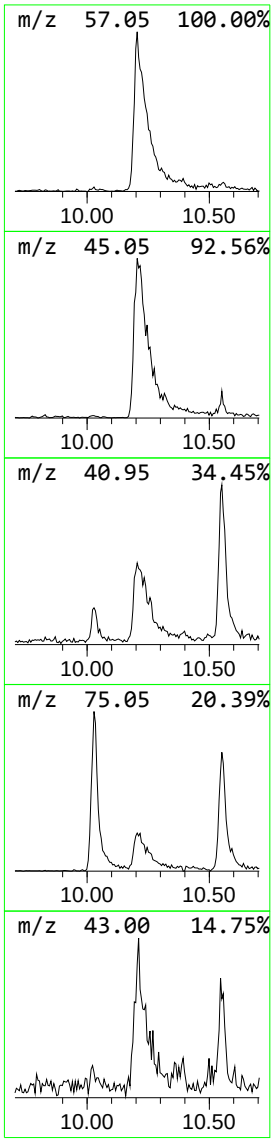
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.205	2.70 ng/ul	119727	Naphthalene-d8	10.393

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	83
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	80
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020241.D
Acq On : 08 May 2024 16:05
Operator : MA/JU
Sample : P2369-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M8

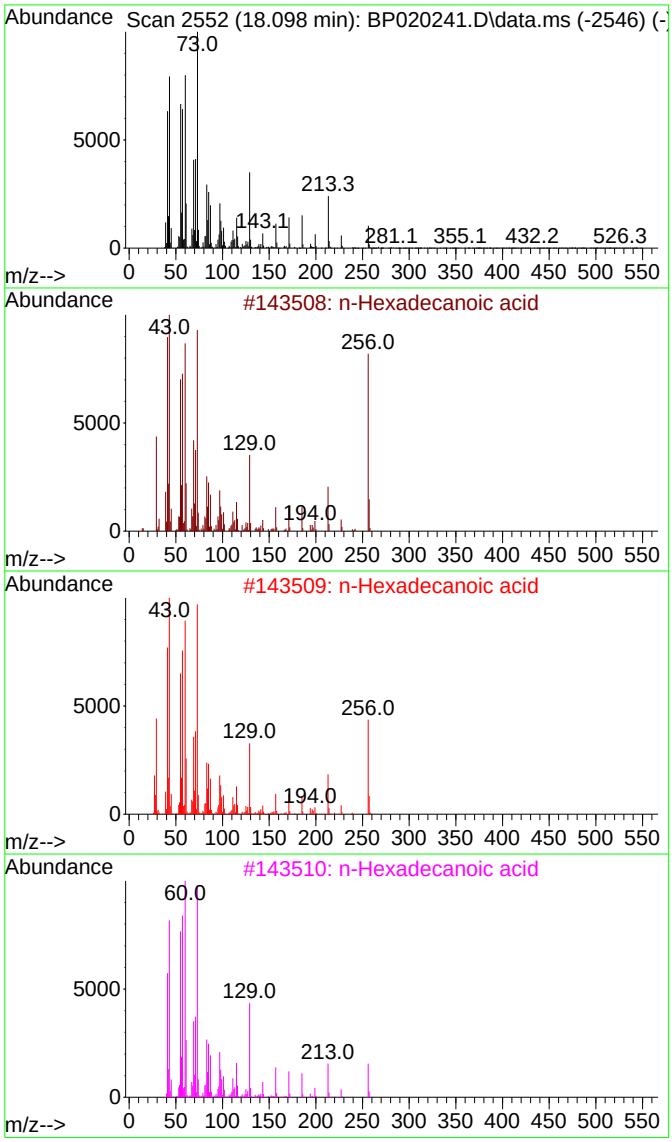
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

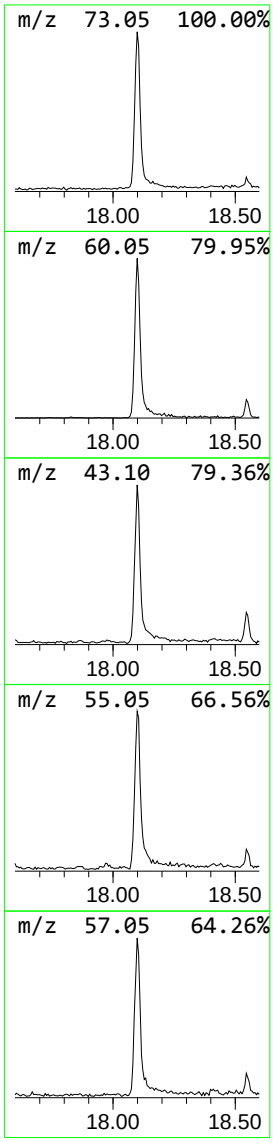
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	5.48 ng/ul	455875	Phenanthrene-d10	17.134

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020241.D
Acq On : 08 May 2024 16:05
Operator : MA/JU
Sample : P2369-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M8

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

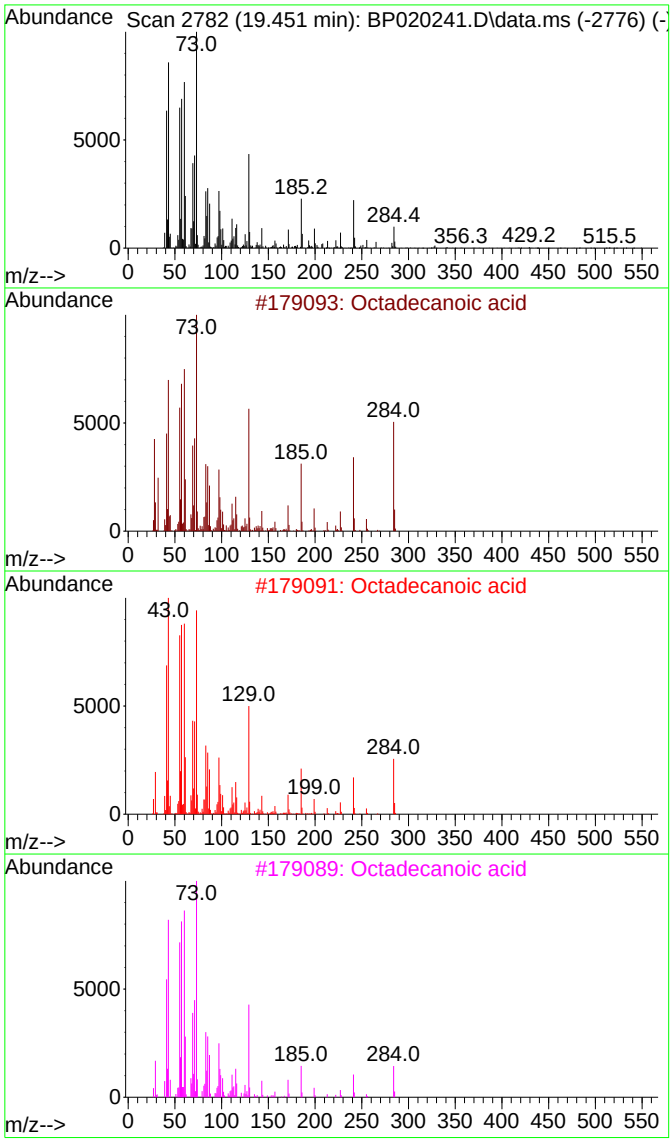
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

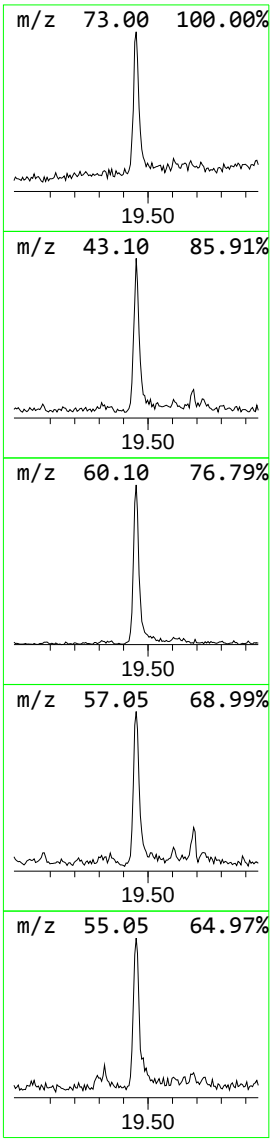
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	2.50 ng/ul	202527	Chrysene-d12	21.639

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43M8

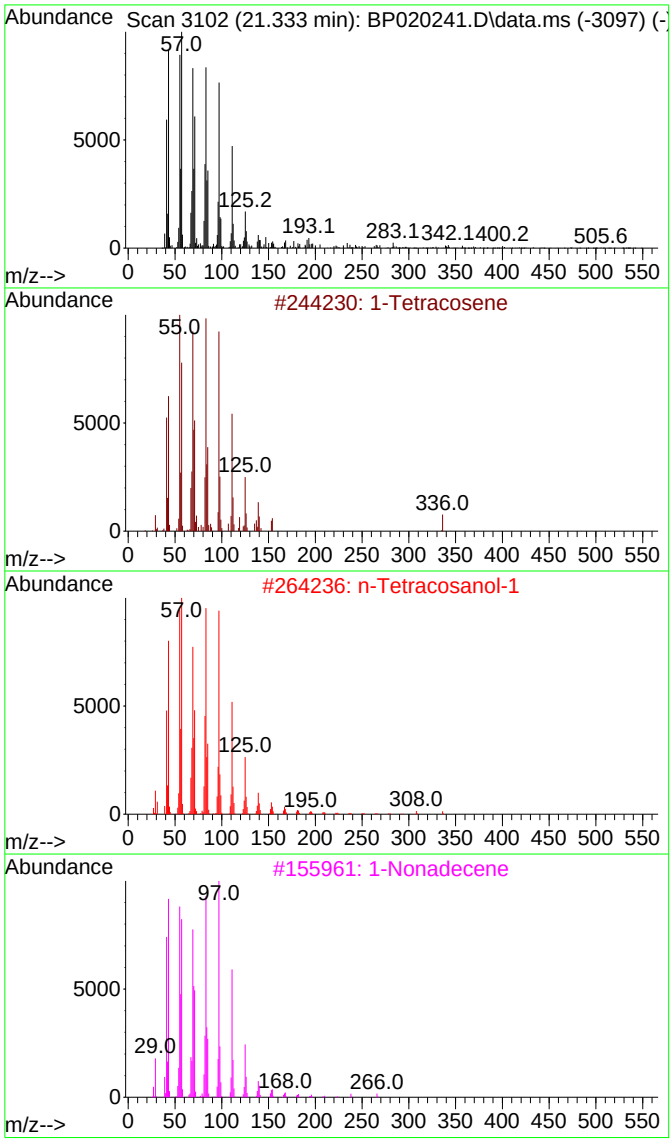
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

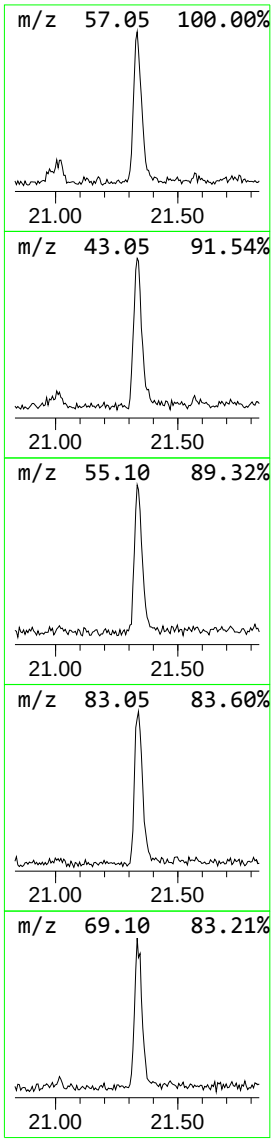
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.333	2.72 ng/ul	220505	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Nonadecene	266	C19H38	018435-45-5	93
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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...	10.205	2.7	ng/ul	119727	2	10.393	887068	20.0
n-Hexadecanoic ...	18.098	5.5	ng/ul	455875	4	17.134	1663220	20.0
Octadecanoic acid	19.451	2.5	ng/ul	202527	5	21.639	1621300	20.0
(DEL) Alkane: S...	21.333	2.7	ng/ul	220505	5	21.639	1621300	20.0