LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044477.D
Acq On : 01 Mar 2024 19:05
Operator : MA/JU
Sample : P1580-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG0

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_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM044477.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	4	9	23	rVB	867800	1086812	26.04%	2.251%
2	3.416	52	56	63	rVB	57578	76602	1.84%	0.159%
3	3.846	126	129	148	rBV	541493	942779	22.59%	1.952%
4	4.175	183	185	190	rVB	15043	19336	0.46%	0.040%
5	5.757	451	454	459	rBV5	5753	9023	0.22%	0.019%
6	6.851	637	640	642	rBV4	3731	4229	0.10%	0.009%
7	7.251	700	708	721	rBV	769855	1284562	30.78%	2.660%
8	7.428	732	738	753	rBV	677335	1099041	26.33%	2.276%
9	7.610	762	769	778	rBV	789120	1262000	30.24%	2.613%
10	7.781	795	798	803	rBV7	2822	5431	0.13%	0.011%
11	8.093	844	851	860	rBV	682597	1076048	25.78%	2.228%
12	8.163	860	863	864	rBV3	3975	4856	0.12%	0.010%
13	8.528	921	925	929	rBV7	3146	5361	0.13%	0.011%
14	8.816	967	974	986	rBV	863413	1483228	35.54%	3.071%
15	9.281	1045	1053	1063	rBV	712994	1213778	29.08%	2.513%
16	9.451	1077	1082	1090	rVB8	7008	13727	0.33%	0.028%
17	9.675	1117	1120	1125	rVB4	7722	11574	0.28%	0.024%
18	10.004	1169	1176	1188	rBV	561571	963641	23.09%	1.995%
19	10.463	1248	1254	1256	rBV6	4462	8241	0.20%	0.017%
20	10.545	1261	1268	1283	rBV	840799	1466145	35.13%	3.036%
21	10.928	1325	1333	1342	rBV	892971	1510856	36.20%	3.129%
22	11.081	1351	1359	1374	rBV	808708	1546676	37.06%	3.203%
23	11.728	1464	1469	1472	rBV6	2933	6235	0.15%	0.013%
24	12.363	1572	1577	1583	rVB8	7044	12987	0.31%	0.027%
25	12.522	1599	1604	1611	rVB3	14594	23753	0.57%	0.049%
26	12.722	1634	1638	1640	rBV5	2626	4480	0.11%	0.009%
27	12.986	1681	1683	1689	rVB6	3827	6194	0.15%	0.013%
28	13.098	1698	1702	1704	rBV4	3940	5801	0.14%	0.012%
29	13.245	1724	1727	1732	rBV6	3923	4491	0.11%	0.009%
30	13.310	1732	1738	1740	rBV5	4600	5746	0.14%	0.012%
31	13.592	1781	1786	1791	rBV	20272	28973	0.69%	0.060%
32	13.669	1793	1799	1804	rBV	30574	50707	1.21%	0.105%
33	14.180	1878	1886	1901	rBV	1512080	2157368	51.69%	4.467%
34	14.451	1924	1932	1946	rBV	1814794	2666660	63.90%	5.522%
35	14.545	1946	1948	1952	rVB5	2912	4393	0.11%	0.009%
36	14.663	1962	1968	1971	rBV7	5233	7896	0.19%	0.016%

LSC Area Percent Report

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Sample : P1580-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG0

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_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

37	14.757	1977	1984	1993	rBV	1254675	1867539	44.75%	3.867%
38	14.827	1993	1996	2000	rVB4	4712	4573	0.11%	0.009%
39	14.963	2011	2019	2042	rBV	393451	960655	23.02%	1.989%
40	15.427	2095	2098	2101	rVB5	3437	4264	0.10%	0.009%
41	15.751	2144	2153	2163	rBV	2270387	3296415	78.98%	6.826%
42	15.874	2168	2174	2185	rVV	592412	839775	20.12%	1.739%
43	15.992	2190	2194	2201	rVV5	13786	25778	0.62%	0.053%
44	16.316	2247	2249	2254	rVB6	3248	4335	0.10%	0.009%
45	16.533	2282	2286	2290	rBV6	6775	9737	0.23%	0.020%
46	16.627	2296	2302	2304	rBV7	3640	6834	0.16%	0.014%
47	16.915	2347	2351	2357	rBV8	8564	13351	0.32%	0.028%
48	17.186	2393	2397	2400	rBV6	4620	6701	0.16%	0.014%
49	17.286	2410	2414	2418	rBV7	6115	11116	0.27%	0.023%
50	17.510	2444	2452	2460	rBV	1527139	2158058	51.71%	4.469%
51	17.610	2462	2469	2481	rBV	2476112	3567245	85.47%	7.387%
52	17.910	2516	2520	2522	rVV5	5762	8850	0.21%	0.018%
53	18.192	2565	2568	2573	rBV5	5482	8863	0.21%	0.018%
54	18.292	2582	2585	2592	rBV8	7376	10597	0.25%	0.022%
55	18.421	2602	2607	2616	rBV	356478	525229	12.58%	1.088%
56	18.715	2654	2657	2662	rVB7	4983	7299	0.17%	0.015%
57	18.780	2666	2668	2673	rVV6	3796	4728	0.11%	0.010%
58	18.857	2676	2681	2685	rVB6	14936	19650	0.47%	0.041%
59	19.086	2716	2720	2725	rBV7	6911	12056	0.29%	0.025%
60	19.221	2740	2743	2748	rBV6	4910	6420	0.15%	0.013%
61	19.351	2763	2765	2768	rVB3	7805	6309	0.15%	0.013%
62	19.462	2780	2784	2790	rVB2	28692	43206	1.04%	0.089%
63	19.539	2792	2797	2801	rVV2	31942	64392	1.54%	0.133%
64	19.574	2801	2803	2812	rVB8	28204	49378	1.18%	0.102%
65	19.698	2819	2824	2832	rBV	158941	223050	5.34%	0.462%
66	19.898	2852	2858	2866	rBV	3141207	4173489	100.00%	8.642%
67	19.962	2866	2869	2874	rVB3	31411	36821	0.88%	0.076%
68	20.462	2950	2954	2958	rVB	63674	71233	1.71%	0.148%
69	20.962	3034	3039	3042	rBV	93894	116494	2.79%	0.241%
70	21.427	3113	3118	3127	rBV	373708	621824	14.90%	1.288%
71	21.698	3159	3164	3174	rBV	1608853	2196092	52.62%	4.548%
72	21.892	3193	3197	3200	rBV	111275	132631	3.18%	0.275%
73	22.380	3277	3280	3287	rBV2	95946	142987	3.43%	0.296%
74	22.927	3369	3373	3379	rVB	91881	137662	3.30%	0.285%
75	23.533	3473	3476	3482	rVB2	85594	123628	2.96%	0.256%
76	23.744	3509	3512	3519	rVB	90388	153956	3.69%	0.319%

LSC Area Percent Report

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Acq On : 01 Mar 2024 19:05
Operator : MA/JU
Sample : P1580-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG0

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_M\Methods\SFAM-EPA-BM022324.MA.M
Title : SVOA CALIBRATION

77	24.080	3561	3569	3581	rBV2	1908178	4046637	96.96%	8.380%
78	24.244	3590	3597	3613	rVB	1097714	2491823	59.71%	5.160%

Sum of corrected areas: 48291310

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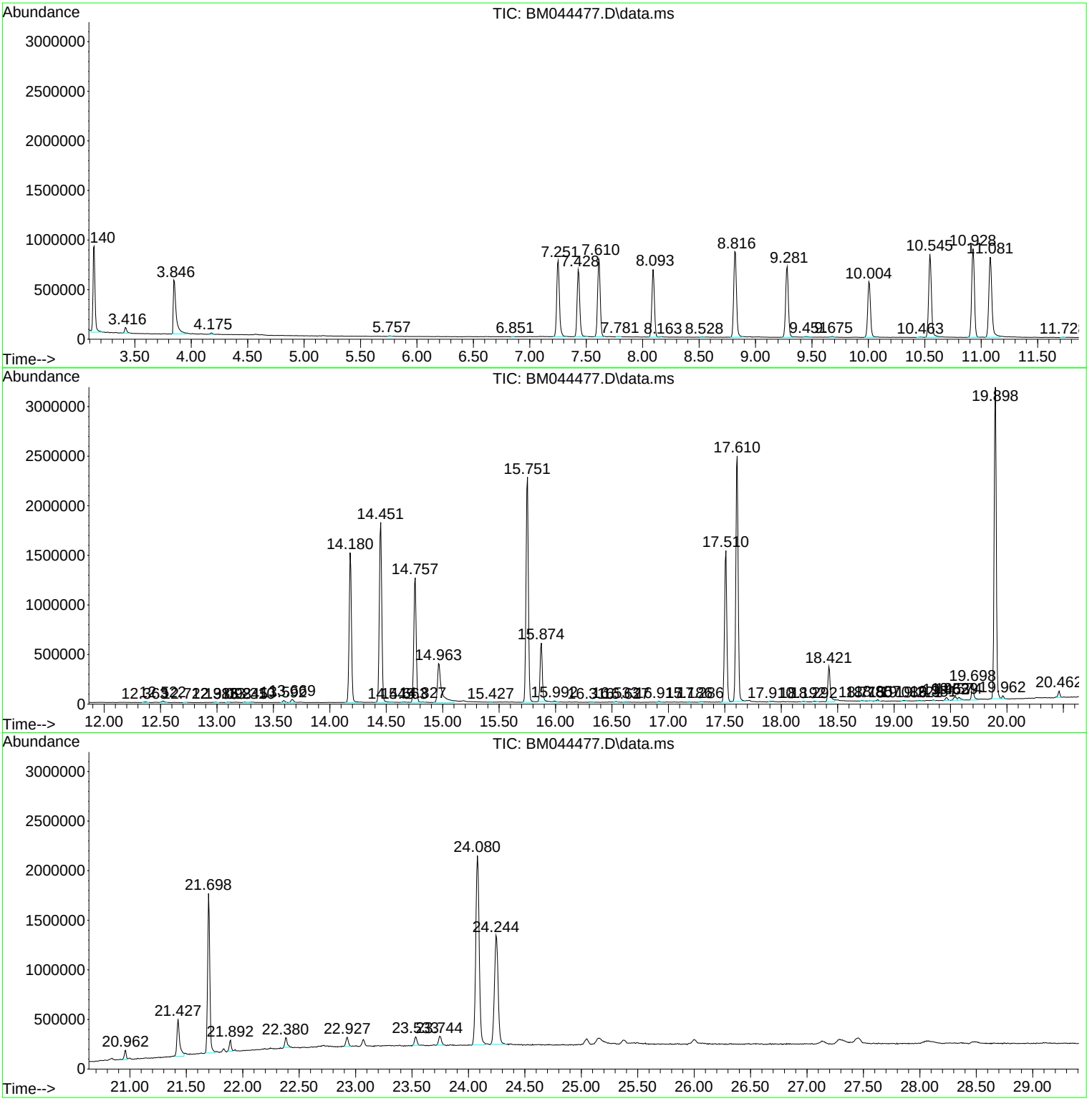
Acq On : 01 Mar 2024 19:05
Operator : MA/JU
Sample : P1580-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044477.D
Acq On : 01 Mar 2024 19:05
Operator : MA/JU
Sample : P1580-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG0

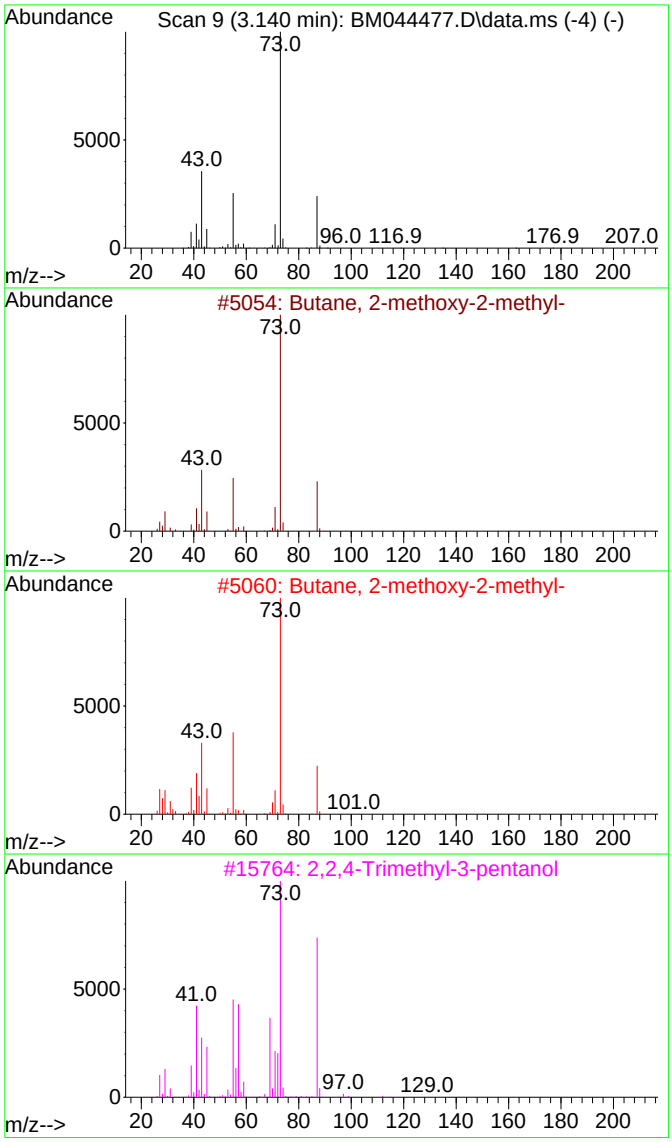
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

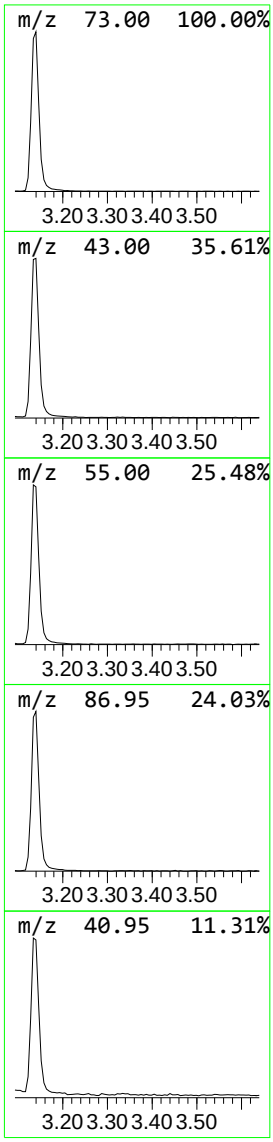
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	20.20 ng/ul	1086810	1,4-Dichlorobenzene-d4	8.092

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044477.D
Acq On : 01 Mar 2024 19:05
Operator : MA/JU
Sample : P1580-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

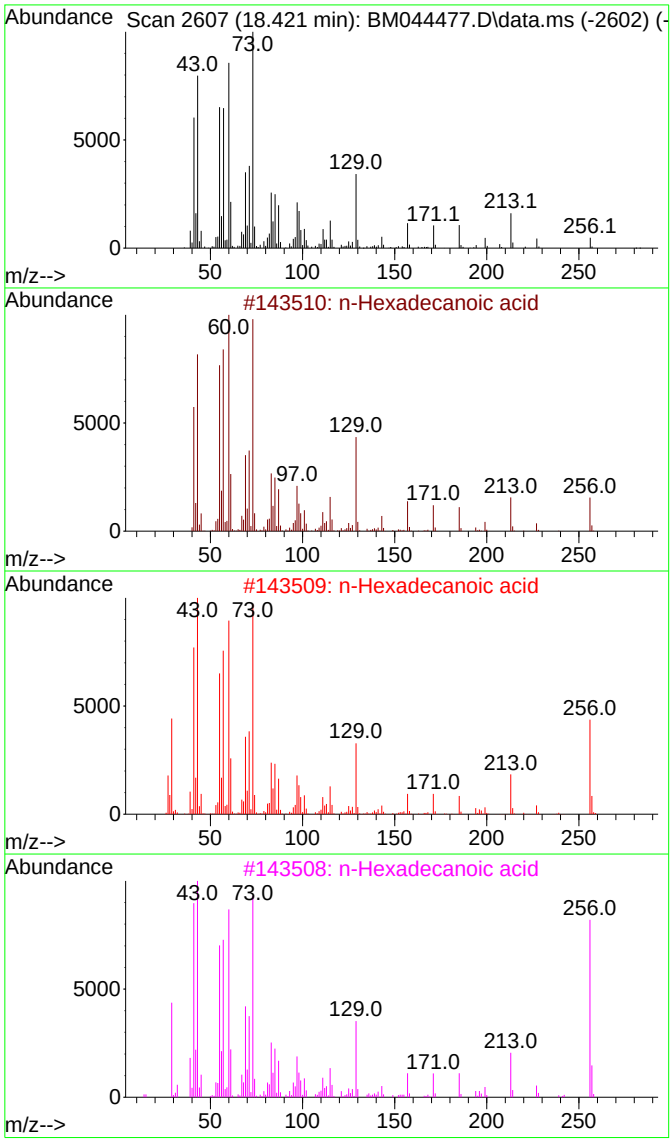
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

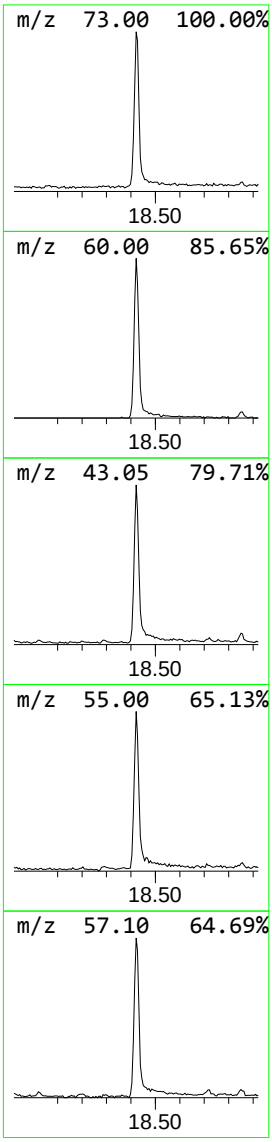
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	4.87 ng/ul	525229	Phenanthrene-d10	17.509

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044477.D
Acq On : 01 Mar 2024 19:05
Operator : MA/JU
Sample : P1580-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

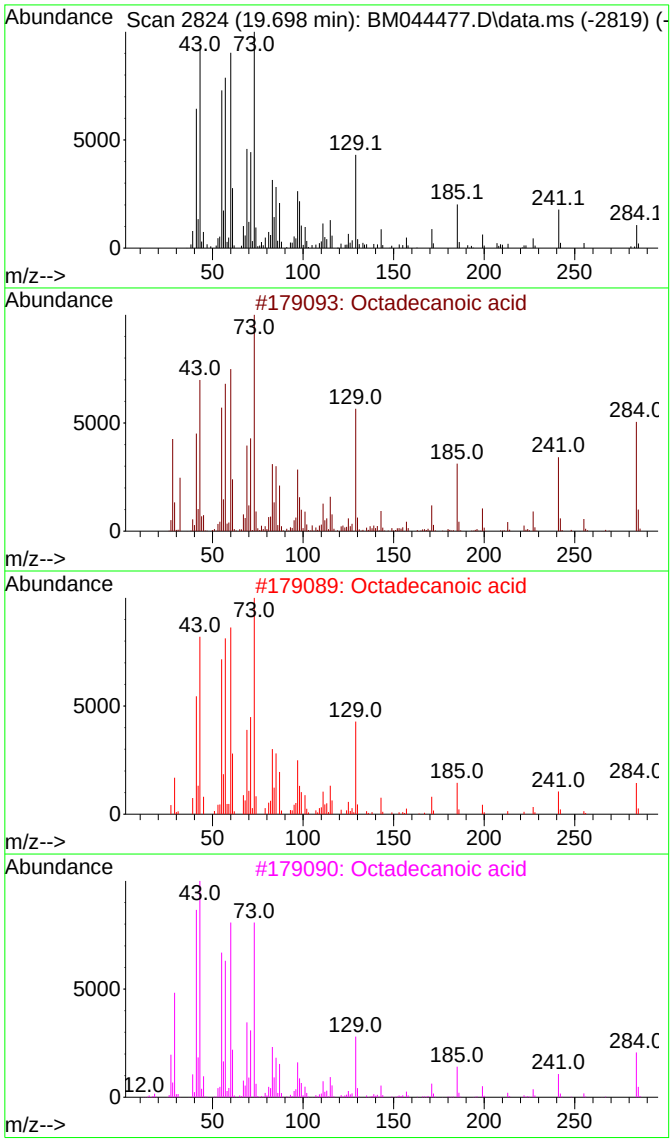
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

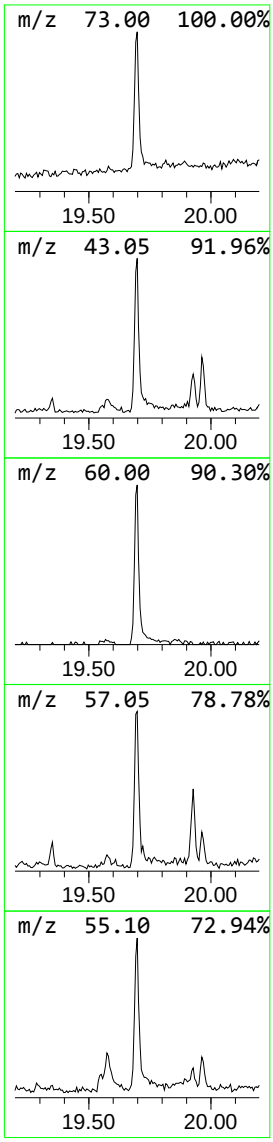
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.698	2.03 ng/ul	223050	Chrysene-d12	21.698

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	99
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
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Sample : P1580-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG0

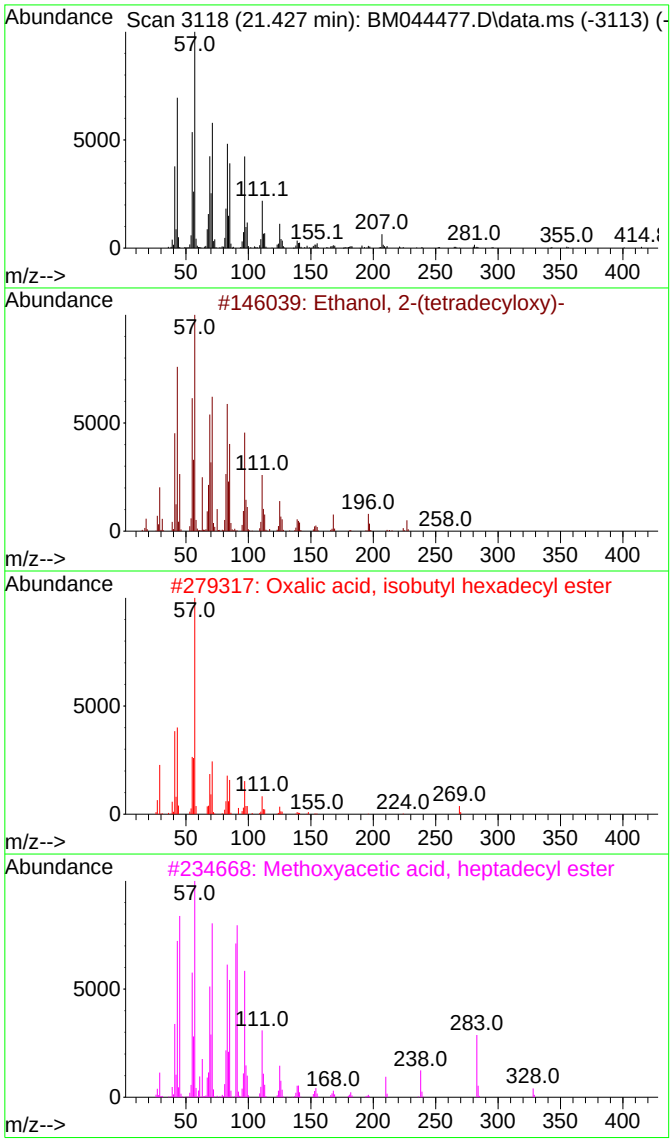
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

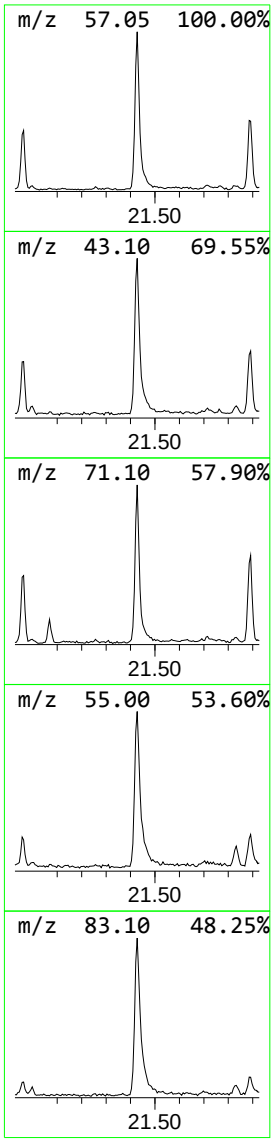
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	5.66 ng/ul	621824	Chrysene-d12	21.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
5	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044477.D
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Operator : MA/JU
Sample : P1580-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.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
Butane, 2-metho...	3.140	20.2	ng/ul	1086810	1	8.092	1076050	20.0
n-Hexadecanoic ...	18.421	4.9	ng/ul	525229	4	17.509	2158060	20.0
Octadecanoic acid	19.698	2.0	ng/ul	223050	5	21.698	2196090	20.0
Ethanol, 2-(tet...	21.427	5.7	ng/ul	621824	5	21.698	2196090	20.0