LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044478.D
Acq On : 01 Mar 2024 19:41
Operator : MA/JU
Sample : P1580-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG1

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: BM044478.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	5	9	27	rVB	939080	1074879	27.73%	2.387%
2	3.422	53	57	66	rVB	58369	76941	1.99%	0.171%
3	3.852	127	130	151	rBV	601376	993646	25.64%	2.206%
4	4.187	183	187	191	rBV2	16207	23691	0.61%	0.053%
5	5.322	377	380	383	rBV4	2633	3952	0.10%	0.009%
6	7.257	703	709	723	rBV	716341	1215618	31.36%	2.699%
7	7.440	734	740	751	rBV	640081	1017160	26.24%	2.259%
8	7.622	764	771	781	rBV	764317	1198957	30.93%	2.662%
9	8.104	846	853	862	rVV	656814	1056641	27.26%	2.346%
10	8.181	862	866	872	rVB9	4564	9225	0.24%	0.020%
11	8.828	969	976	990	rBV	844294	1419498	36.62%	3.152%
12	9.016	1007	1008	1013	rVB5	2794	4076	0.11%	0.009%
13	9.286	1044	1054	1065	rBV	648742	1124849	29.02%	2.498%
14	9.451	1080	1082	1088	rBV5	5446	9245	0.24%	0.021%
15	9.686	1118	1122	1128	rVB5	8445	13034	0.34%	0.029%
16	10.016	1171	1178	1188	rBV	524477	882870	22.78%	1.960%
17	10.469	1251	1255	1257	rBV5	3382	5874	0.15%	0.013%
18	10.557	1262	1270	1287	rBV	772310	1366370	35.25%	3.034%
19	10.939	1328	1335	1344	rVB	873594	1468499	37.89%	3.261%
20	11.092	1352	1361	1384	rBV	747276	1456741	37.58%	3.235%
21	12.375	1575	1579	1585	rVB4	7883	12877	0.33%	0.029%
22	12.533	1601	1606	1614	rVB3	14676	28335	0.73%	0.063%
23	12.998	1682	1685	1688	rVB4	4520	5717	0.15%	0.013%
24	13.022	1688	1689	1693	rBV4	3951	4294	0.11%	0.010%
25	13.174	1712	1715	1719	rBV5	3875	5483	0.14%	0.012%
26	13.269	1724	1731	1734	rBV8	3663	5729	0.15%	0.013%
27	13.316	1736	1739	1743	rVB6	3666	4433	0.11%	0.010%
28	13.604	1781	1788	1795	rBV2	22376	33667	0.87%	0.075%
29	13.674	1795	1800	1806	rVV	28101	47512	1.23%	0.106%
30	13.733	1806	1810	1811	rVV4	3651	4852	0.13%	0.011%
31	13.763	1814	1815	1820	rVB5	4966	4303	0.11%	0.010%
32	13.998	1848	1855	1859	rBV7	5988	11302	0.29%	0.025%
33	14.192	1882	1888	1897	rVV	1399860	1909255	49.26%	4.240%
34	14.251	1897	1898	1902	rVB4	5214	5161	0.13%	0.011%
35	14.457	1927	1933	1946	rBV	1581726	2403915	62.02%	5.338%
36	14.674	1966	1970	1974	rVB7	6202	10015	0.26%	0.022%

LSC Area Percent Report

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Operator : MA/JU
Sample : P1580-03
Misc :
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Instrument :
BNA_M
ClientSampleId :
BGRG1

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	14.763	1979	1985	1993	rBV	1221092	1775807	45.81%	3.943%
38	14.974	2015	2021	2042	rBV2	330971	842879	21.75%	1.872%
39	15.433	2096	2099	2102	rBV4	3545	5349	0.14%	0.012%
40	15.627	2128	2132	2136	rVB5	6327	7411	0.19%	0.016%
41	15.757	2145	2154	2166	rBV	2014107	3001234	77.43%	6.664%
42	15.880	2169	2175	2185	rBV	485879	721083	18.60%	1.601%
43	16.004	2192	2196	2200	rVB6	7353	9601	0.25%	0.021%
44	16.174	2223	2225	2229	rBV5	2771	4133	0.11%	0.009%
45	16.445	2267	2271	2274	rVB5	3551	5455	0.14%	0.012%
46	16.486	2274	2278	2281	rBV6	7262	12327	0.32%	0.027%
47	16.551	2285	2289	2292	rBV5	7497	10935	0.28%	0.024%
48	16.933	2350	2354	2358	rVB6	5241	6326	0.16%	0.014%
49	17.080	2374	2379	2382	rBV7	2953	4455	0.11%	0.010%
50	17.292	2412	2415	2419	rBV6	5889	10707	0.28%	0.024%
51	17.515	2446	2453	2461	rVV	1415234	2066173	53.31%	4.588%
52	17.621	2464	2471	2484	rVV	2175313	3300918	85.16%	7.330%
53	17.727	2487	2489	2499	rVB9	14221	23546	0.61%	0.052%
54	17.933	2519	2524	2528	rVB8	4640	8699	0.22%	0.019%
55	18.039	2537	2542	2545	rBV6	6259	9317	0.24%	0.021%
56	18.127	2553	2557	2561	rBV4	6091	9541	0.25%	0.021%
57	18.209	2568	2571	2577	rVB8	7576	9968	0.26%	0.022%
58	18.304	2584	2587	2591	rBV5	5285	6623	0.17%	0.015%
59	18.433	2604	2609	2618	rBV	304222	426697	11.01%	0.948%
60	18.521	2619	2624	2637	rVB	224442	329337	8.50%	0.731%
61	18.727	2656	2659	2663	rVB6	5600	6846	0.18%	0.015%
62	18.862	2679	2682	2687	rVB5	11257	14342	0.37%	0.032%
63	18.921	2687	2692	2695	rBV7	5064	8484	0.22%	0.019%
64	19.233	2743	2745	2750	rVB5	10417	14301	0.37%	0.032%
65	19.356	2764	2766	2770	rVB4	6998	5511	0.14%	0.012%
66	19.474	2781	2786	2790	rBV3	32155	48719	1.26%	0.108%
67	19.551	2794	2799	2803	rVV2	35160	71765	1.85%	0.159%
68	19.586	2803	2805	2814	rVB9	24278	43063	1.11%	0.096%
69	19.703	2821	2825	2833	rBV	132872	186284	4.81%	0.414%
70	19.903	2853	2859	2868	rBV	2811976	3876105	100.00%	8.607%
71	19.974	2868	2871	2875	rVB3	19909	24996	0.64%	0.056%
72	20.080	2885	2889	2892	rVB6	11626	15381	0.40%	0.034%
73	20.274	2920	2922	2926	rVB4	12192	13805	0.36%	0.031%
74	20.468	2953	2955	2965	rVB3	34149	67111	1.73%	0.149%
75	20.727	2996	2999	3004	rVB6	30168	41848	1.08%	0.093%
76	20.968	3036	3040	3044	rBV4	50512	72459	1.87%	0.161%

LSC Area Percent Report

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Operator : MA/JU
Sample : P1580-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG1

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	21.439	3115	3120	3128	rBV	280075	510084	13.16%	1.133%
78	21.709	3161	3166	3176	rBV	1585363	2135885	55.10%	4.743%
79	21.903	3196	3199	3204	rVB2	51149	58770	1.52%	0.131%
80	24.097	3564	3572	3590	rVB2	1794512	3818460	98.51%	8.479%
81	24.262	3593	3600	3615	rVB	1089731	2472137	63.78%	5.490%

Sum of corrected areas: 45033493

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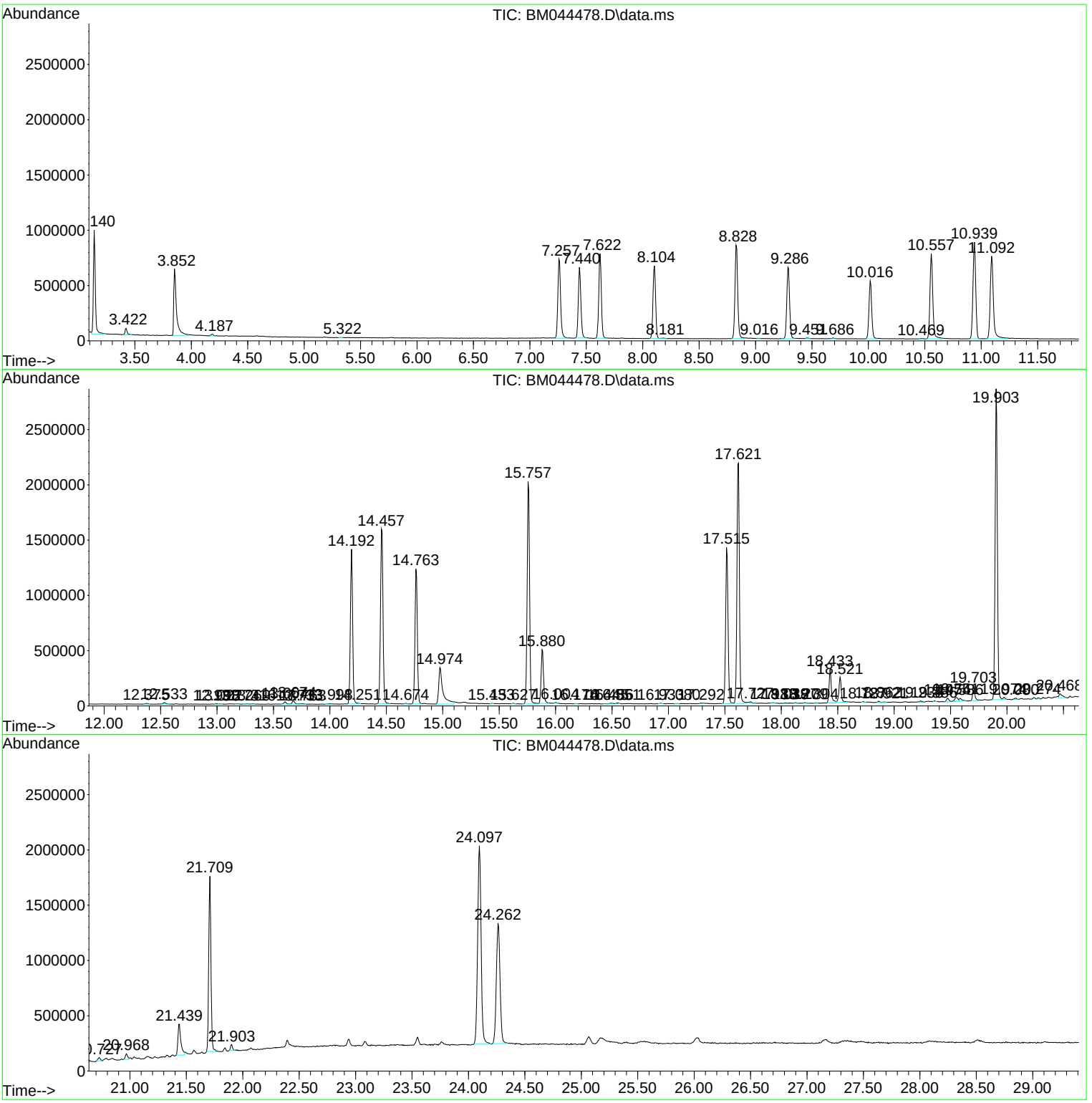
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG1

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 : BM044478.D
Acq On : 01 Mar 2024 19:41
Operator : MA/JU
Sample : P1580-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG1

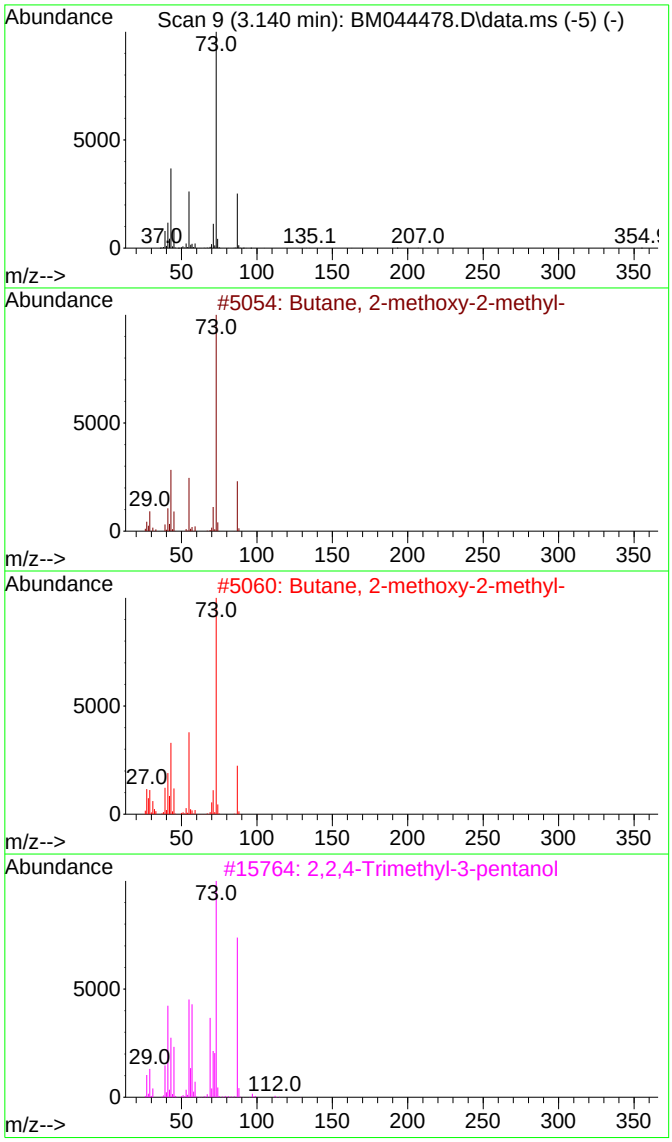
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

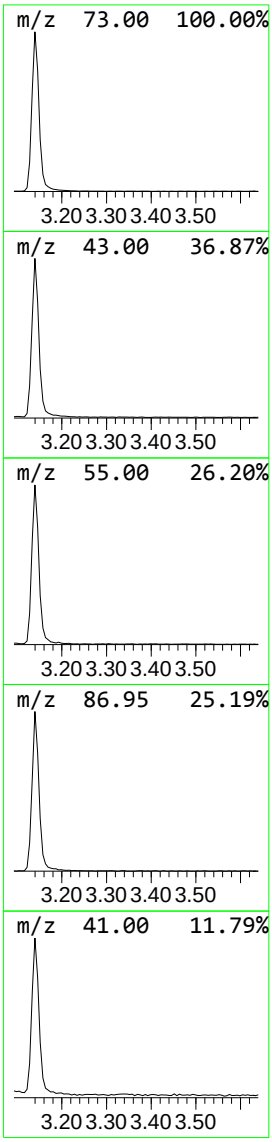
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	20.35 ng/ul	1074880	1,4-Dichlorobenzene-d4	8.104

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	74
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 : BM044478.D
Acq On : 01 Mar 2024 19:41
Operator : MA/JU
Sample : P1580-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG1

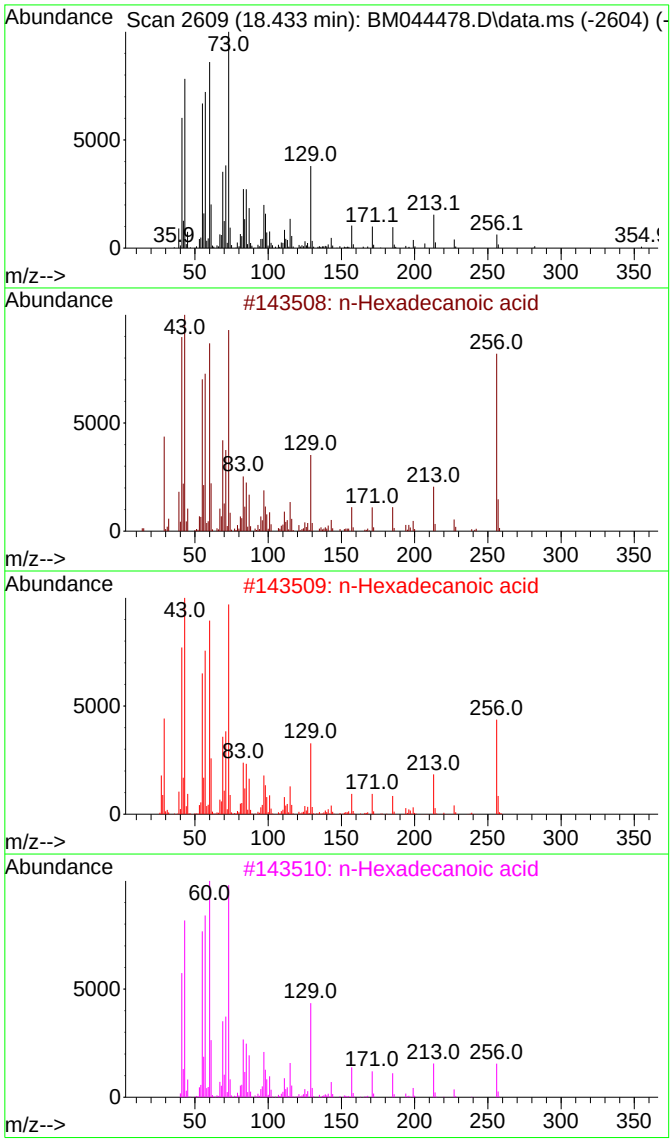
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

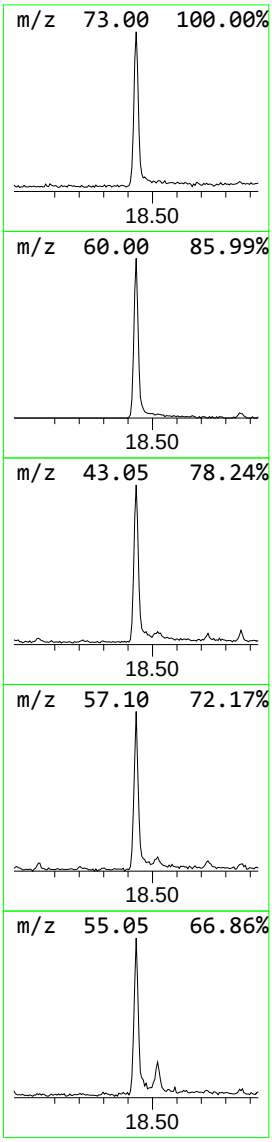
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	4.13 ng/ul	426697	Phenanthrene-d10	17.515

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	99
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044478.D
Acq On : 01 Mar 2024 19:41
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG1

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

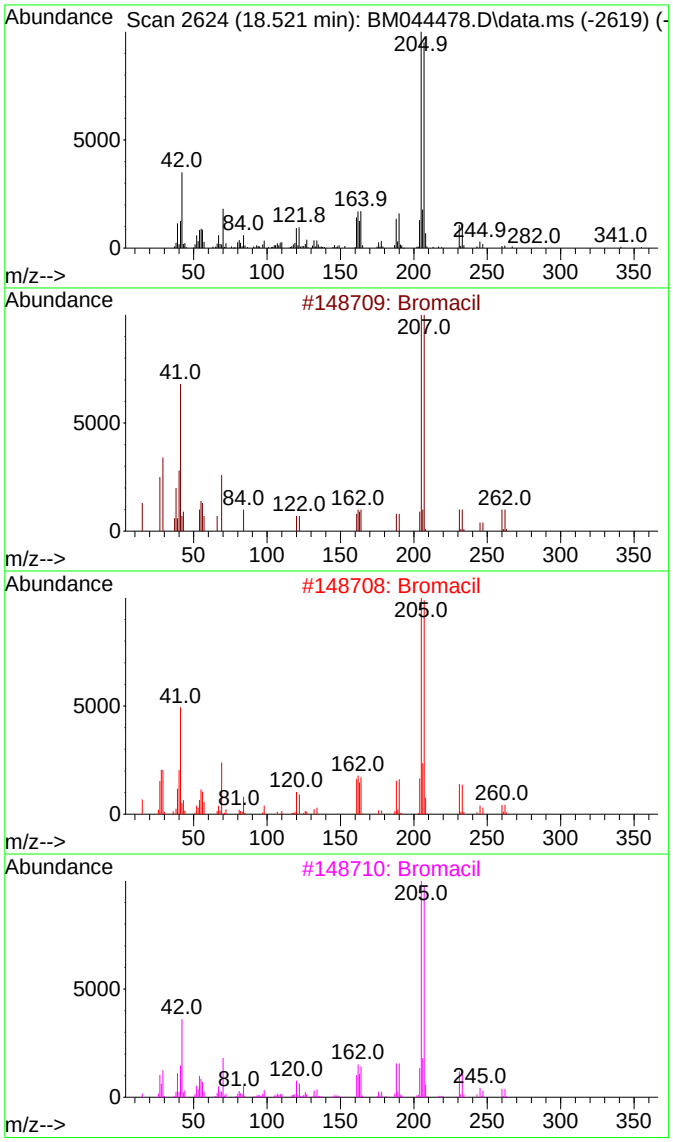
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

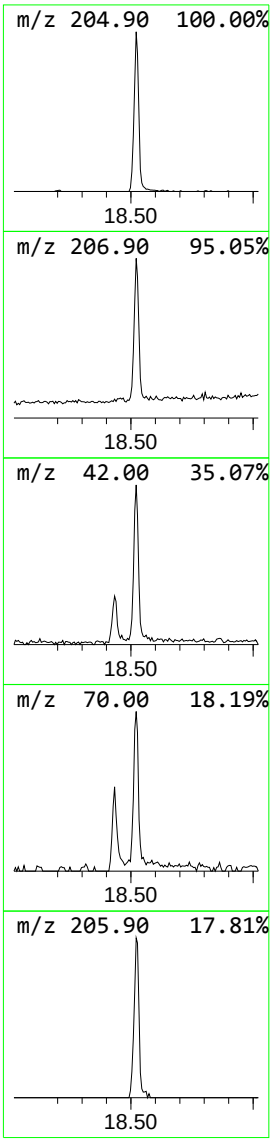
****

Peak Number 3 Bromacil Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	3.19 ng/ul	329337	Phenanthrene-d10	17.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil	260	C9H13BrN2O2	000314-40-9	94
2	Bromacil	260	C9H13BrN2O2	000314-40-9	91
3	Bromacil	260	C9H13BrN2O2	000314-40-9	91
4	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	64
5	2,4,6-Trichlorobenzonitrile	205	C7H2Cl3N	006575-05-9	58





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Sample : P1580-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG1

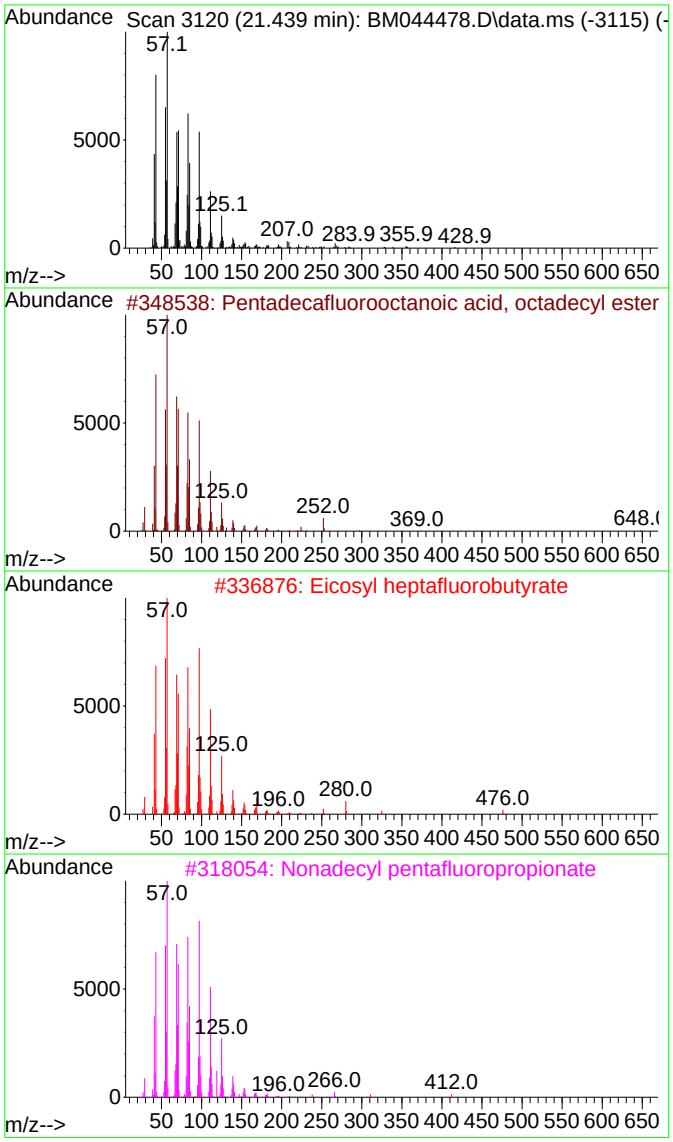
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

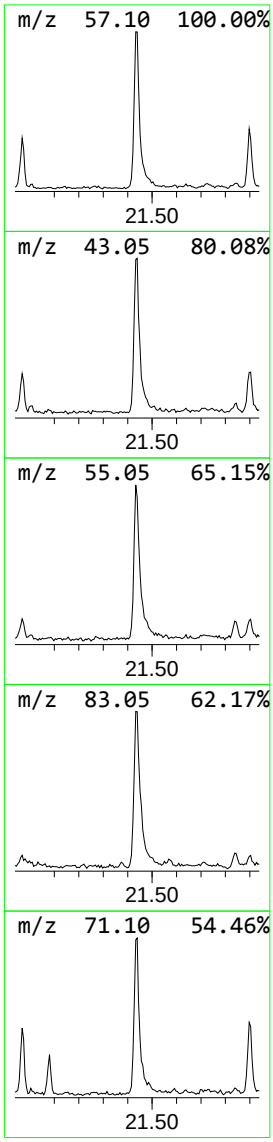
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.439	4.78 ng/ul	510084	Chrysene-d12	21.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044478.D
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Operator : MA/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGRG1

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	20.4	ng/ul	1074880	1	8.104	1056640	20.0
n-Hexadecanoic ...	18.433	4.1	ng/ul	426697	4	17.515	2066170	20.0
Bromacil	18.521	3.2	ng/ul	329337	4	17.515	2066170	20.0
Pentadecafluoro...	21.439	4.8	ng/ul	510084	5	21.709	2135890	20.0