LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

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-BM111323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM042926.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	28	31	39	rVB5	5129	7898	0.73%	0.074%
2	3.722	121	125	130	rVB2	21523	27464	2.53%	0.259%
3	3.793	134	137	141	rVB6	6098	9125	0.84%	0.086%
4	4.852	313	317	321	rVB4	4498	5818	0.54%	0.055%
5	4.999	338	342	344	rBV4	2850	3707	0.34%	0.035%
6	6.775	642	644	650	rBV5	1703	2156	0.20%	0.020%
7	6.981	674	679	691	rBV2	45609	107012	9.87%	1.008%
8	7.157	704	709	723	rBV	37922	73758	6.81%	0.695%
9	7.334	733	739	753	rBV3	59348	113692	10.49%	1.071%
10	7.804	812	819	835	rBV	146518	264023	24.36%	2.488%
11	8.228	889	891	896	rBV5	1113	2201	0.20%	0.021%
12	8.534	938	943	958	rBV2	44120	104551	9.65%	0.985%
13	8.675	960	967	974	rVV2	10197	24880	2.30%	0.234%
14	8.745	977	979	983	rVV2	1501	2038	0.19%	0.019%
15	9.016	1018	1025	1037	rBV	45192	100552	9.28%	0.948%
16	9.193	1054	1055	1058	rVV3	2381	1939	0.18%	0.018%
17	9.563	1115	1118	1121	rBV3	1240	1805	0.17%	0.017%
18	9.657	1129	1134	1140	rVV5	1659	3789	0.35%	0.036%
19	9.728	1140	1146	1162	rVV2	39058	85736	7.91%	0.808%
20	9.957	1182	1185	1189	rVB4	1359	2164	0.20%	0.020%
21	10.257	1230	1236	1248	rBV	42962	115554	10.66%	1.089%
22	10.510	1276	1279	1283	rVB4	1468	2219	0.20%	0.021%
23	10.616	1291	1297	1312	rBV	190083	338226	31.21%	3.187%
24	10.828	1325	1333	1341	rBV6	9704	28573	2.64%	0.269%
25	11.551	1454	1456	1460	rVB3	1826	2070	0.19%	0.020%
26	12.510	1614	1619	1625	rVV6	2234	4226	0.39%	0.040%
27	12.916	1686	1688	1693	rVB3	1536	1801	0.17%	0.017%
28	13.216	1735	1739	1745	rBV5	3077	5579	0.51%	0.053%
29	13.310	1748	1755	1760	rBV4	8442	13915	1.28%	0.131%
30	13.886	1846	1853	1866	rVB	129445	196110	18.10%	1.848%
31	14.092	1883	1888	1893	rVB5	1286	2071	0.19%	0.020%
32	14.163	1893	1900	1911	rBV2	145801	224558	20.72%	2.116%
33	14.292	1918	1922	1928	rVB4	2841	4225	0.39%	0.040%
34	14.463	1945	1951	1958	rBV	295538	425185	39.23%	4.007%
35	14.527	1958	1962	1969	rVB	24993	37805	3.49%	0.356%
36	14.763	1996	2002	2008	rBV7	7861	22957	2.12%	0.216%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

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-BM111323.MA.M
Title : SVOA CALIBRATION

37	14.880	2018	2022	2026	rVB5	4885	8002	0.74%	0.075%
38	15.245	2079	2084	2089	rVV3	2482	3507	0.32%	0.033%
39	15.457	2114	2120	2127	rBV	183323	279696	25.81%	2.636%
40	15.522	2127	2131	2141	rVB2	11936	21883	2.02%	0.206%
41	15.616	2142	2147	2154	rBV3	27170	50532	4.66%	0.476%
42	15.810	2175	2180	2185	rVV2	2780	3602	0.33%	0.034%
43	15.963	2201	2206	2207	rBV3	1883	2872	0.27%	0.027%
44	16.116	2226	2232	2237	rBV3	4754	8136	0.75%	0.077%
45	16.221	2243	2250	2255	rVB4	2104	3735	0.34%	0.035%
46	16.504	2294	2298	2304	rVB5	2383	4815	0.44%	0.045%
47	16.898	2360	2365	2368	rBV5	3942	4547	0.42%	0.043%
48	17.045	2385	2390	2395	rBV	6969	10860	1.00%	0.102%
49	17.221	2414	2420	2423	rBV	343743	496292	45.79%	4.677%
50	17.263	2423	2427	2432	rVV	206402	300182	27.70%	2.829%
51	17.321	2432	2437	2441	rVV	196379	321341	29.65%	3.028%
52	17.351	2441	2442	2453	rVV	47612	64405	5.94%	0.607%
53	17.439	2455	2457	2461	rVB3	2761	2291	0.21%	0.022%
54	17.616	2484	2487	2488	rBV2	2109	1787	0.16%	0.017%
55	17.651	2488	2493	2500	rVV2	12383	26920	2.48%	0.254%
56	17.698	2500	2501	2504	rVV2	2554	2136	0.20%	0.020%
57	17.733	2504	2507	2510	rVV4	2917	3720	0.34%	0.035%
58	17.798	2516	2518	2521	rVB4	2430	2083	0.19%	0.020%
59	17.839	2521	2525	2527	rBV4	3509	4358	0.40%	0.041%
60	18.074	2560	2565	2573	rBV3	49750	109002	10.06%	1.027%
61	18.139	2573	2576	2587	rVV3	21528	42746	3.94%	0.403%
62	18.221	2587	2590	2595	rVV5	5779	10123	0.93%	0.095%
63	18.292	2596	2602	2605	rVV2	35078	54648	5.04%	0.515%
64	18.321	2605	2607	2613	rVB2	11273	16180	1.49%	0.152%
65	18.415	2621	2623	2626	rBV4	2134	2689	0.25%	0.025%
66	18.598	2650	2654	2659	rVB2	14143	17886	1.65%	0.169%
67	18.662	2661	2665	2671	rBV4	10842	18391	1.70%	0.173%
68	18.833	2692	2694	2698	rVB5	3050	3299	0.30%	0.031%
69	18.927	2706	2710	2714	rBV7	4522	7723	0.71%	0.073%
70	18.998	2719	2722	2728	rVB4	5775	9151	0.84%	0.086%
71	19.139	2744	2746	2748	rBV3	3607	4053	0.37%	0.038%
72	19.168	2748	2751	2758	rVV4	11949	22269	2.05%	0.210%
73	19.280	2762	2770	2777	rVV	507662	689229	63.60%	6.495%
74	19.357	2779	2783	2794	rVB5	25152	53884	4.97%	0.508%
75	19.498	2803	2807	2808	rBV4	5492	7247	0.67%	0.068%
76	19.527	2809	2812	2815	rVV3	8832	12430	1.15%	0.117%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

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-BM111323.MA.M
Title : SVOA CALIBRATION

77	19.615	2821	2827	2829	rBV2	387496	540200	49.85%	5.090%
78	19.645	2829	2832	2840	rVV	451077	584540	53.94%	5.508%
79	19.709	2840	2843	2849	rVB2	14215	21823	2.01%	0.206%
80	19.821	2859	2862	2867	rBV	20656	30788	2.84%	0.290%
81	19.904	2873	2876	2881	rBV2	11243	16021	1.48%	0.151%
82	19.957	2881	2885	2894	rVB4	21604	47228	4.36%	0.445%
83	20.104	2903	2910	2912	rBV7	18753	38330	3.54%	0.361%
84	20.133	2912	2915	2921	rVB	41697	61292	5.66%	0.578%
85	20.233	2929	2932	2936	rBV	34759	42111	3.89%	0.397%
86	20.327	2945	2948	2951	rVB2	19729	22016	2.03%	0.207%
87	20.433	2963	2966	2970	rBV2	15945	20346	1.88%	0.192%
88	20.892	3041	3044	3050	rVB2	19391	25612	2.36%	0.241%
89	21.051	3068	3071	3073	rBV2	46218	55601	5.13%	0.524%
90	21.086	3073	3077	3081	rVV3	76276	123001	11.35%	1.159%
91	21.121	3081	3083	3090	rVV2	37329	79265	7.31%	0.747%
92	21.192	3093	3095	3101	rVB3	30062	44536	4.11%	0.420%
93	21.403	3124	3131	3135	rBV2	582841	1083739	100.00%	10.212%
94	21.439	3135	3137	3143	rVB	264287	322844	29.79%	3.042%
95	21.556	3154	3157	3161	rBV	49610	59542	5.49%	0.561%
96	23.039	3403	3409	3414	rBV	251098	614427	56.70%	5.790%
97	23.550	3491	3496	3500	rBV	138863	257288	23.74%	2.424%
98	23.603	3501	3505	3509	rVV	213447	376253	34.72%	3.545%
99	23.656	3510	3514	3524	rVB	215867	410678	37.89%	3.870%
100	23.762	3526	3532	3537	rBV	338130	656768	60.60%	6.189%

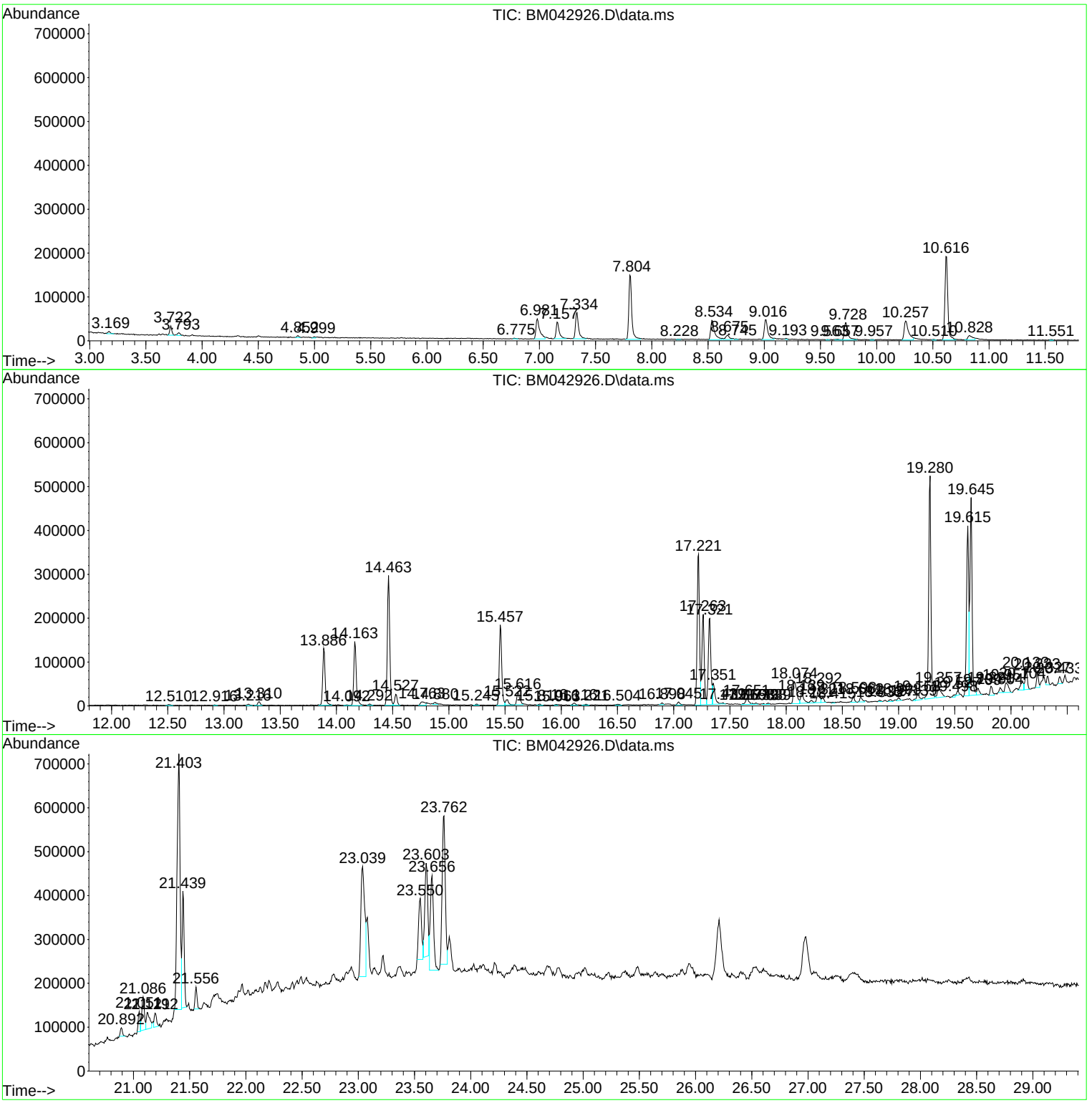
Sum of corrected areas: 10612283

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.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\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

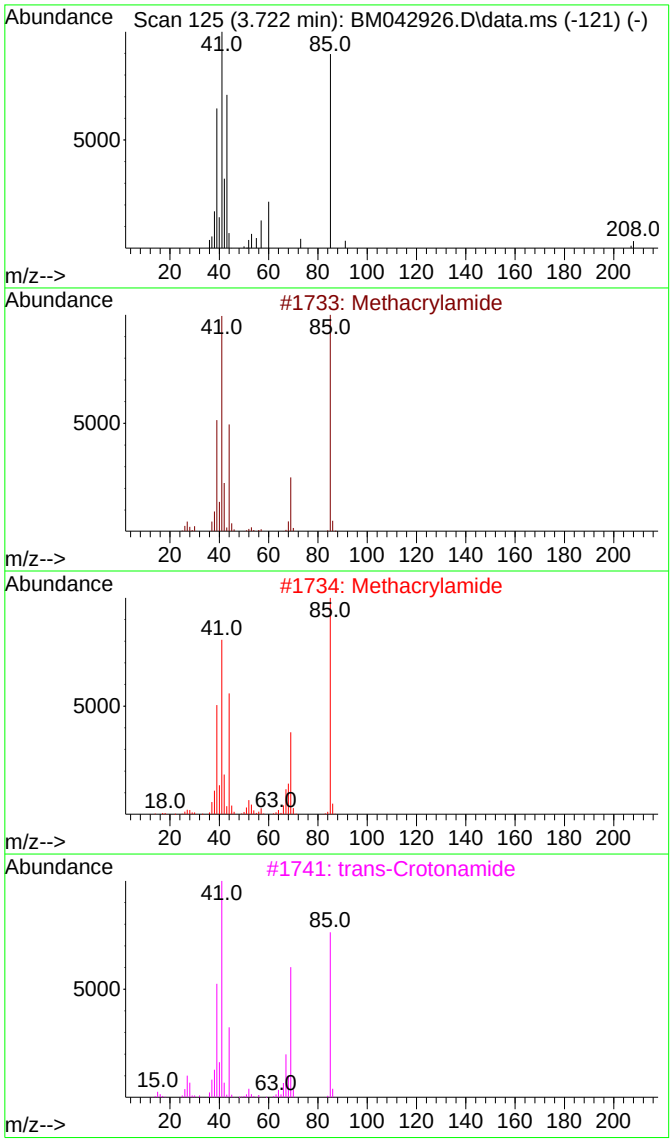
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

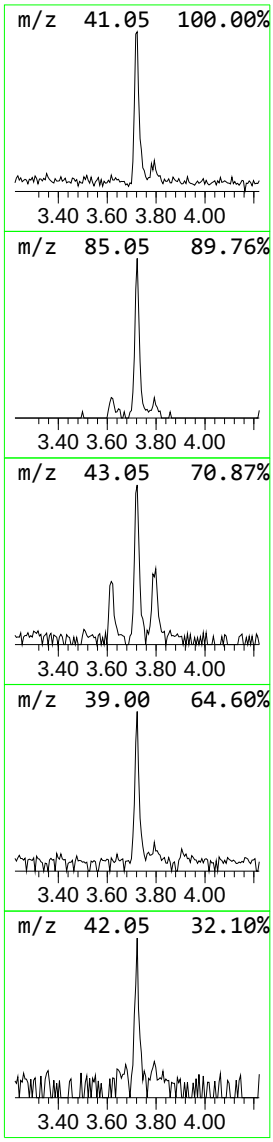
****

Peak Number 1 Methacrylamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.722	2.08 ng/ul	27464	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Methacrylamide	85	C4H7NO	000079-39-0	59
3	trans-Crotonamide	85	C4H7NO	000625-37-6	53
4	Methacrylamide	85	C4H7NO	000079-39-0	45
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

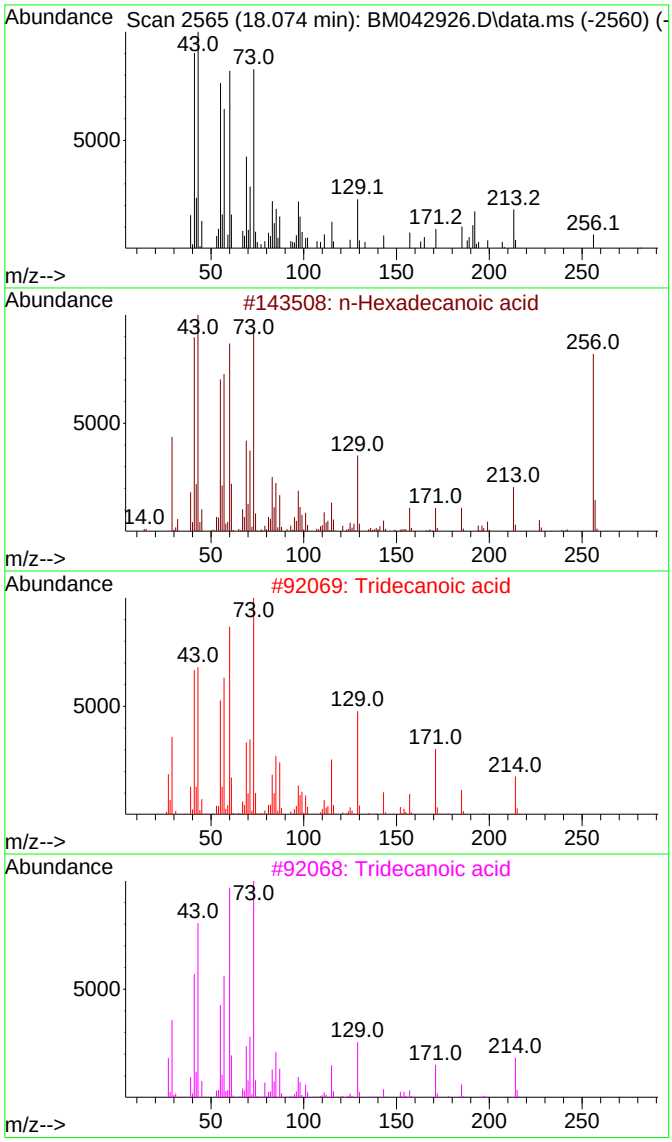
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

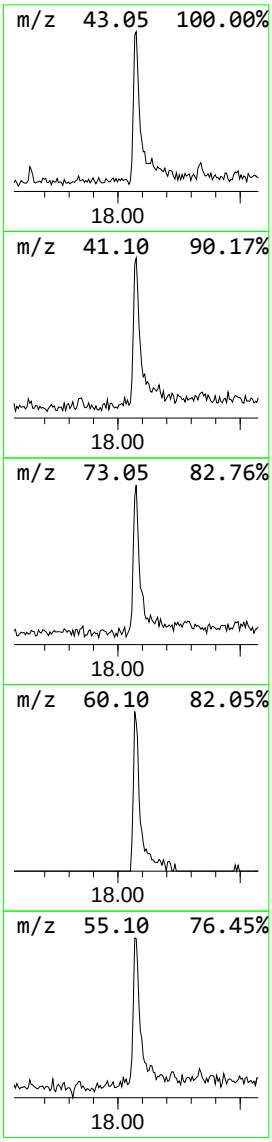
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	4.39 ng/ul	109002	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
5	Tridecanoic acid	214	C13H26O2	000638-53-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

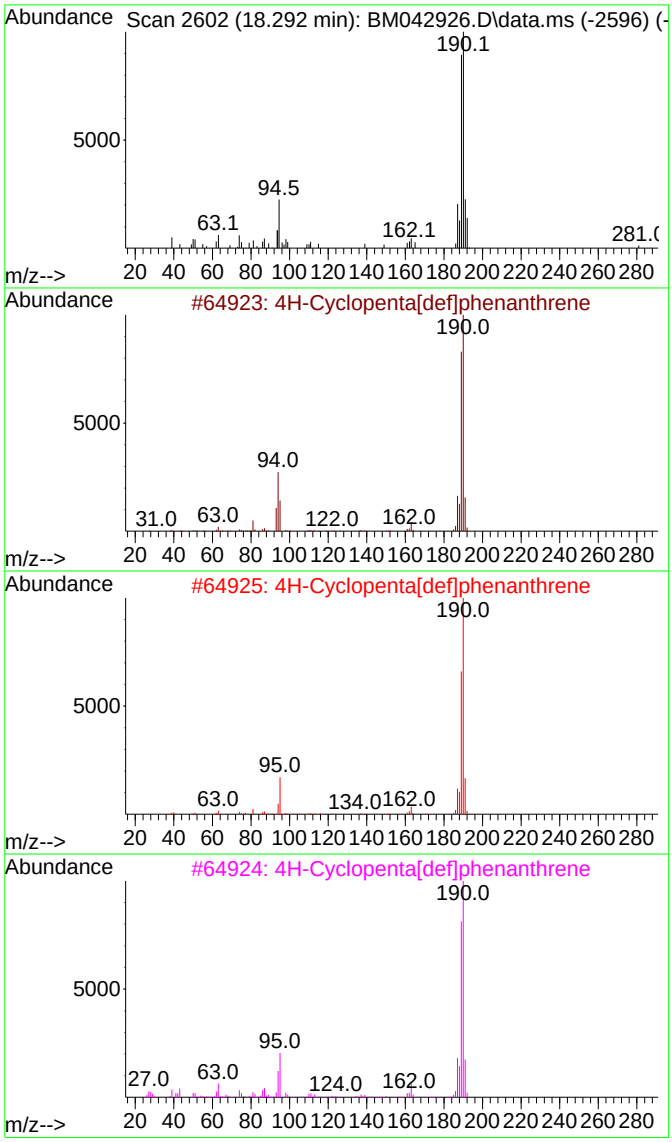
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

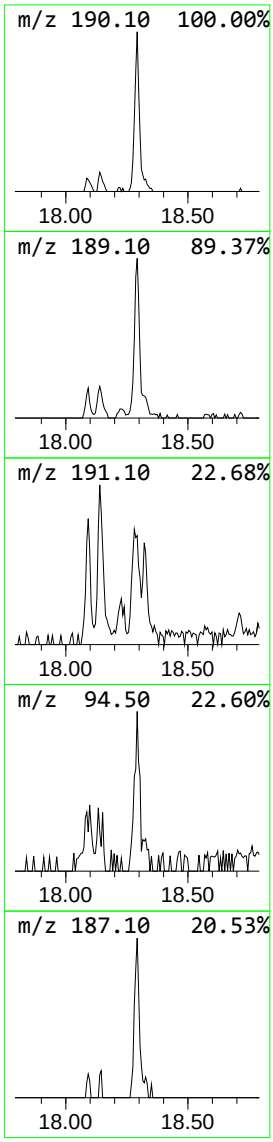
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.20 ng/ul	54648	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	52
5	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

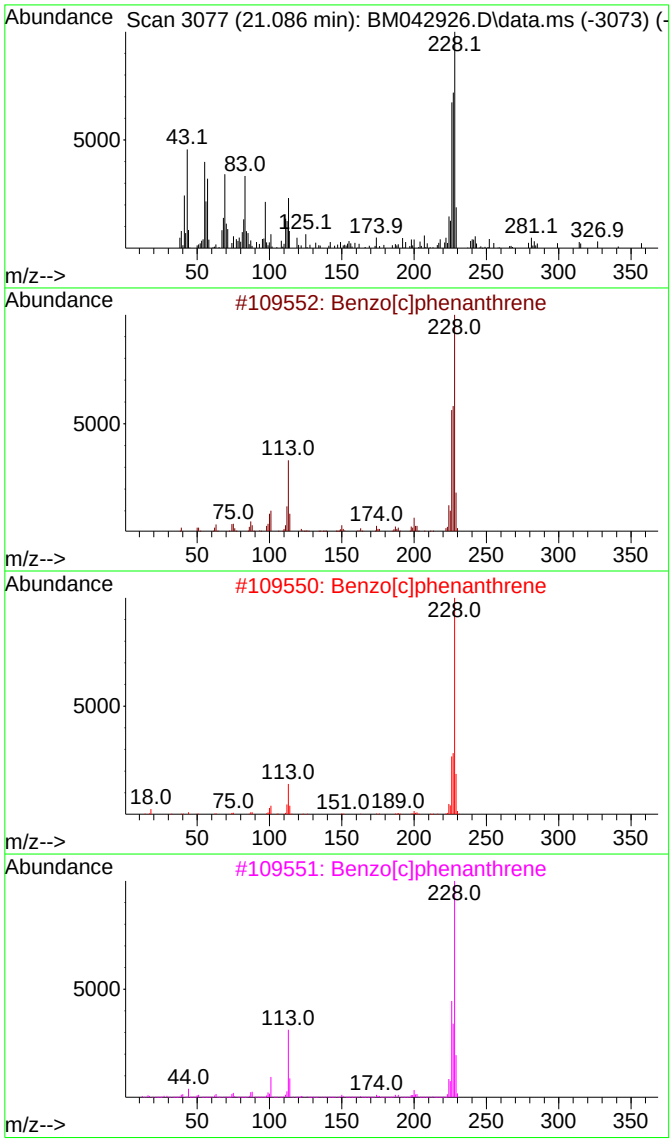
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

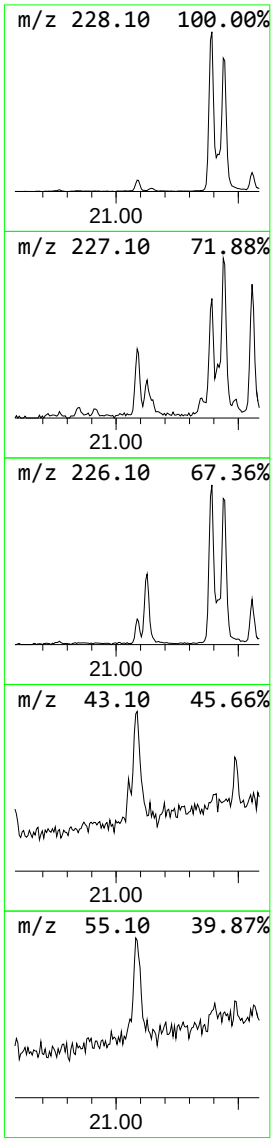
****

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.27 ng/ul	123001	Chrysene-d12	21.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	46
5	Chrysene	228	C18H12	000218-01-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

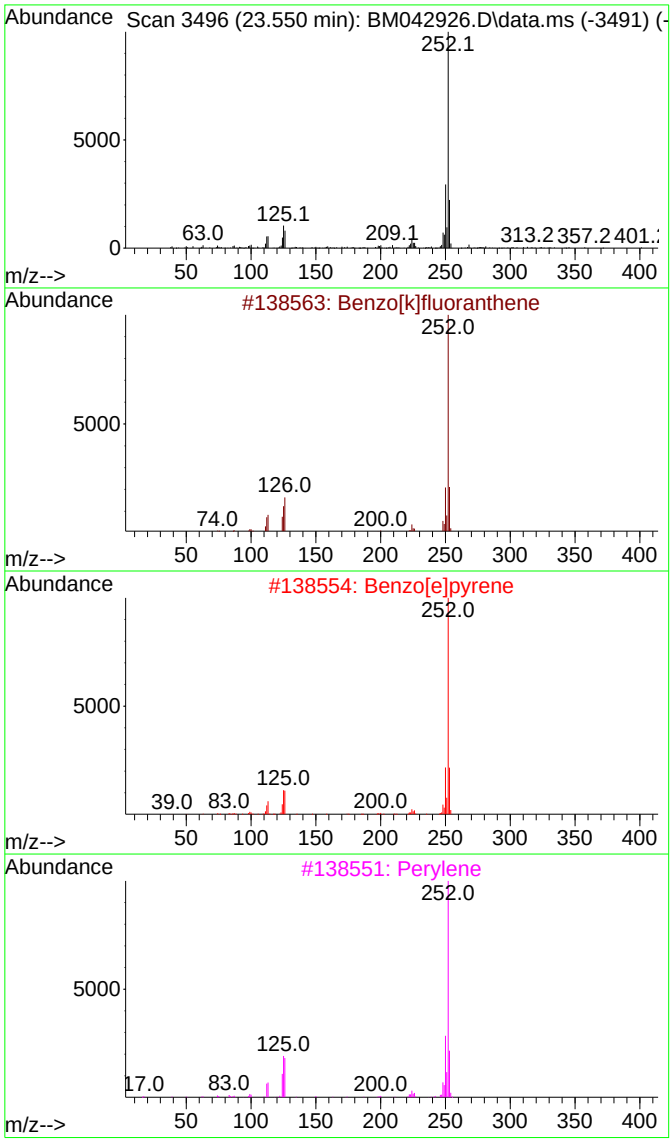
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

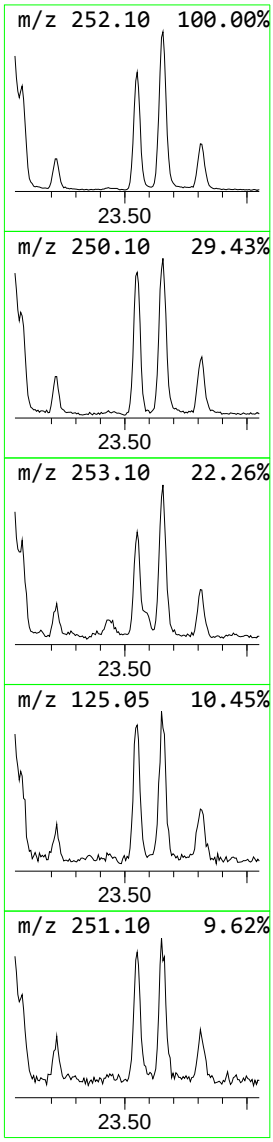
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.550	7.83 ng/ul	257288	Perylene-d12	23.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
Data File : BM042926.D
Acq On : 20 Nov 2023 13:54
Operator : MA/JU
Sample : 05174-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.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
Methacrylamide	3.722	2.1	ng/ul	27464	1	7.810	264023	20.0
n-Hexadecanoic ...	18.074	4.4	ng/ul	109002	4	17.221	496292	20.0
4H-Cyclopenta[d...	18.292	2.2	ng/ul	54648	4	17.221	496292	20.0
unknown-01	21.086	2.3	ng/ul	123001	5	21.404	1083740	20.0
Benzo[e]pyrene	23.550	7.8	ng/ul	257288	6	23.762	656768	20.0