LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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: BM042712.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.504	83	88	97	rBV2	25367	55286	0.21%	0.092%
2	3.622	105	108	124	rBV	120277	197579	0.74%	0.328%
3	3.940	154	162	163	rBV	19533944	26611178	100.00%	44.213%
4	4.281	215	220	236	rVB	467280	607042	2.28%	1.009%
5	4.916	322	328	345	rBV	1343180	1757586	6.60%	2.920%
6	5.998	505	512	519	rBV	505458	716931	2.69%	1.191%
7	6.998	676	682	708	rBV	375869	719502	2.70%	1.195%
8	7.187	708	714	724	rVV	113451	215619	0.81%	0.358%
9	7.275	724	729	738	rVV	233112	374972	1.41%	0.623%
10	7.357	738	743	756	rVB	161073	276007	1.04%	0.459%
11	7.834	819	824	836	rBV	104798	179404	0.67%	0.298%
12	8.557	941	947	957	rBV	171605	311027	1.17%	0.517%
13	8.651	957	963	974	rVB	161974	261373	0.98%	0.434%
14	9.039	1022	1029	1033	rBV	131778	237080	0.89%	0.394%
15	9.081	1033	1036	1048	rVB	55337	102400	0.38%	0.170%
16	9.292	1065	1072	1084	rBV	385813	584695	2.20%	0.971%
17	9.745	1143	1149	1152	rBV	130589	219759	0.83%	0.365%
18	9.781	1152	1155	1171	rVB2	108897	198512	0.75%	0.330%
19	10.275	1232	1239	1241	rBV	172998	279746	1.05%	0.465%
20	10.651	1296	1303	1307	rBV	150901	243906	0.92%	0.405%
21	10.704	1307	1312	1322	rVB	101963	182237	0.68%	0.303%
22	10.839	1329	1335	1344	rBV2	25510	70118	0.26%	0.116%
23	10.922	1344	1349	1358	rVB	238083	370719	1.39%	0.616%
24	12.175	1556	1562	1571	rBV	161567	281914	1.06%	0.468%
25	12.316	1579	1586	1601	rBV	245071	408925	1.54%	0.679%
26	12.533	1611	1623	1630	rVV	440439	748313	2.81%	1.243%
27	12.604	1630	1635	1641	rVV	234816	348484	1.31%	0.579%
28	12.663	1641	1645	1659	rVB	107760	179130	0.67%	0.298%
29	12.927	1684	1690	1701	rBV	350824	561278	2.11%	0.933%
30	13.016	1701	1705	1715	rVB7	11153	28797	0.11%	0.048%
31	13.327	1750	1758	1763	rBV	699735	1015148	3.81%	1.687%
32	13.374	1763	1766	1778	rVB	144335	229337	0.86%	0.381%
33	13.916	1852	1858	1868	rBV	418975	559540	2.10%	0.930%
34	14.110	1884	1891	1899	rBV	356751	505722	1.90%	0.840%
35	14.192	1899	1905	1908	rVV	415060	638456	2.40%	1.061%
36	14.221	1908	1910	1925	rVB	225030	300025	1.13%	0.498%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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	14.492	1950	1956	1962	rBV	265868	375866	1.41%	0.624%
38	14.557	1962	1967	1980	rVB	183547	263724	0.99%	0.438%
39	14.663	1980	1985	1994	rBV	181249	327661	1.23%	0.544%
40	14.780	1994	2005	2019	rVV2	979522	1856635	6.98%	3.085%
41	14.892	2019	2024	2034	rVB	154167	241211	0.91%	0.401%
42	15.486	2118	2125	2129	rBV	544521	739244	2.78%	1.228%
43	15.539	2129	2134	2145	rVV3	449096	729648	2.74%	1.212%
44	15.645	2145	2152	2170	rVB3	454483	882656	3.32%	1.466%
45	16.509	2293	2299	2309	rVB	570240	795778	2.99%	1.322%
46	16.880	2356	2362	2379	rBV	612625	889163	3.34%	1.477%
47	17.068	2388	2394	2410	rBV	676576	962285	3.62%	1.599%
48	17.245	2418	2424	2428	rBV	304951	438020	1.65%	0.728%
49	17.292	2428	2432	2436	rVV	210650	307135	1.15%	0.510%
50	17.345	2436	2441	2445	rVV2	510543	785792	2.95%	1.306%
51	17.380	2445	2447	2462	rVB	320246	435054	1.63%	0.723%
52	17.674	2490	2497	2520	rBV	638296	1029609	3.87%	1.711%
53	19.303	2767	2774	2787	rBV	470390	662154	2.49%	1.100%
54	19.645	2826	2832	2834	rBV	690991	931437	3.50%	1.548%
55	19.674	2834	2837	2853	rVB	498640	696062	2.62%	1.156%
56	20.015	2891	2895	2901	rBV2	29517	41124	0.15%	0.068%
57	21.415	3128	3133	3139	rBV2	867031	1535951	5.77%	2.552%
58	21.468	3139	3142	3154	rVB	279739	427230	1.61%	0.710%
59	23.068	3408	3414	3433	rVB	440707	797948	3.00%	1.326%
60	23.644	3506	3512	3517	rBV2	432050	875764	3.29%	1.455%
61	23.691	3517	3520	3531	rVV	214895	435023	1.63%	0.723%
62	23.803	3533	3539	3549	rVB2	224265	472901	1.78%	0.786%
63	26.279	3950	3960	3986	rVB2	469474	1676095	6.30%	2.785%

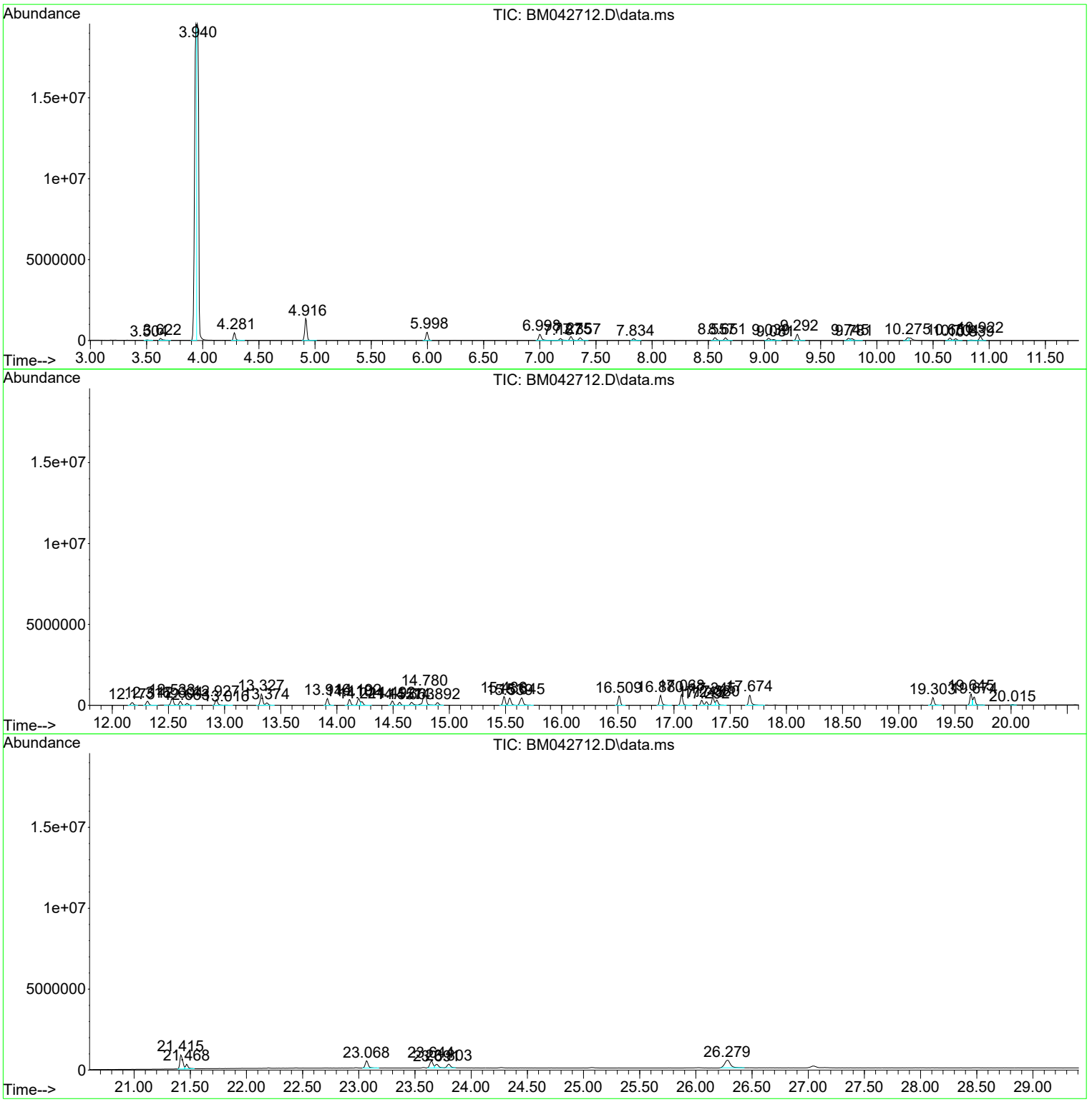
Sum of corrected areas: 60188917

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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

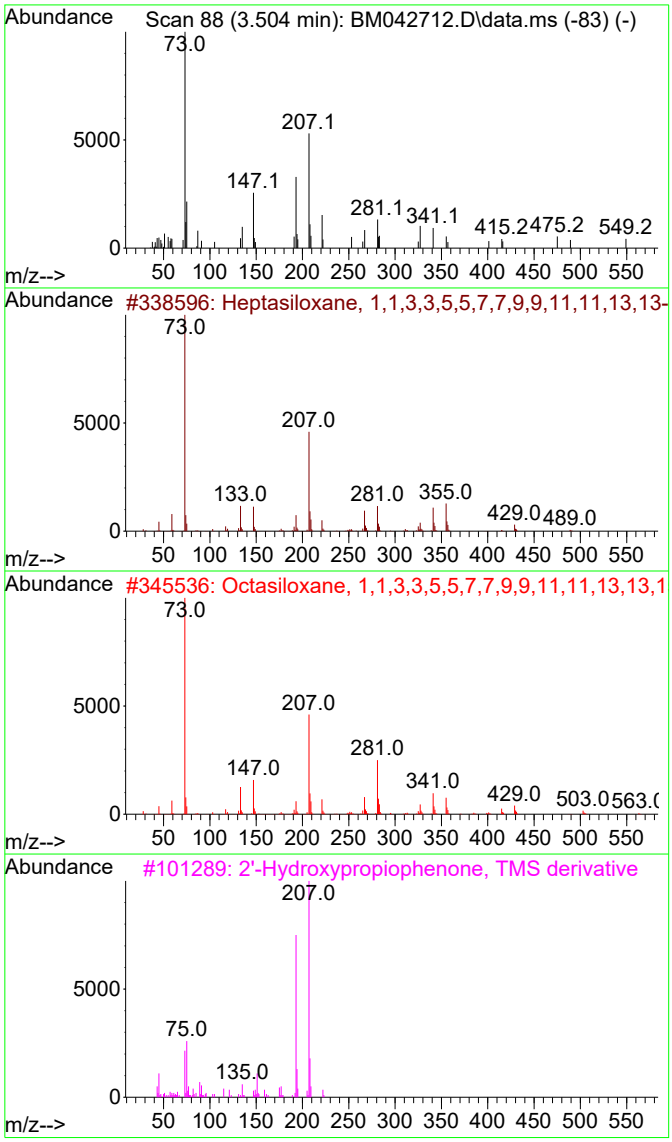
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

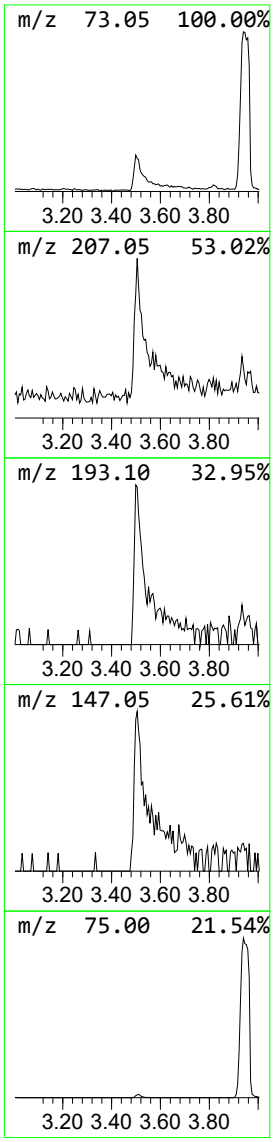
****

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.504	6.16 ng/ul	55286	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	38
2	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	37
3	2'-Hydroxypropiophenone, TMS der...	222	C12H18O2Si	033342-87-9	37
4	Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	37
5	(E)-3-(3,4-Dimethoxyphenyl)prop-...	207	C11H13NO3	130973-10-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

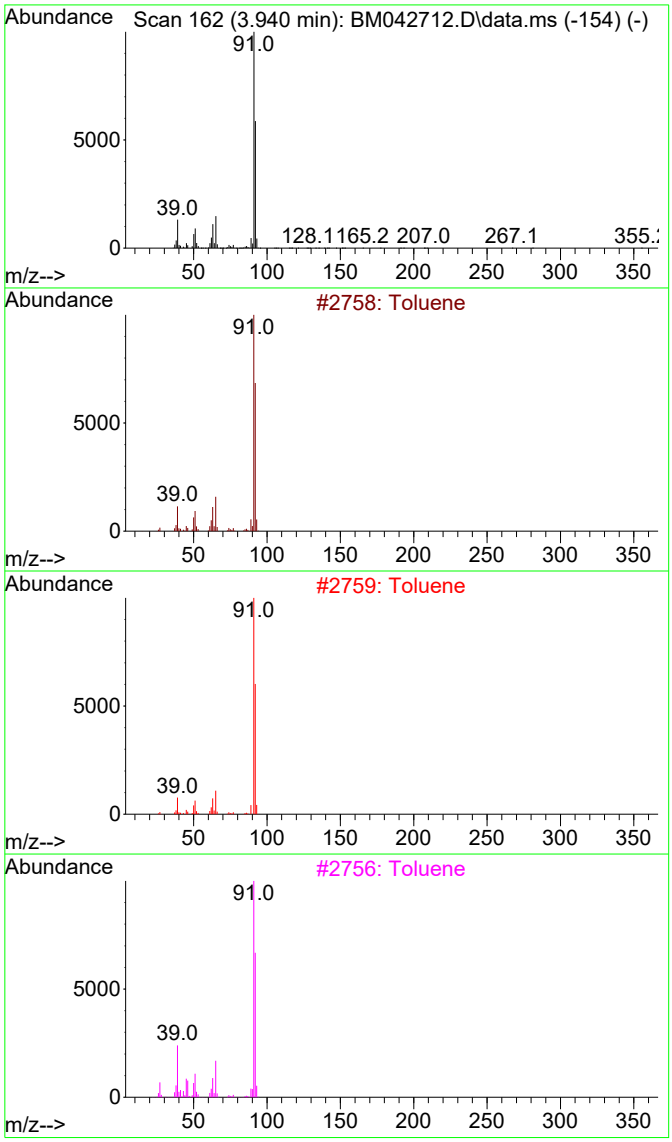
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

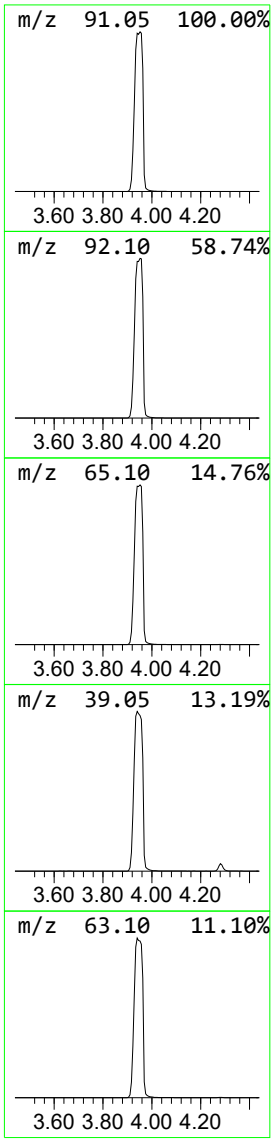
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.940	2966.62 ng/ul	26611200	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	97
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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

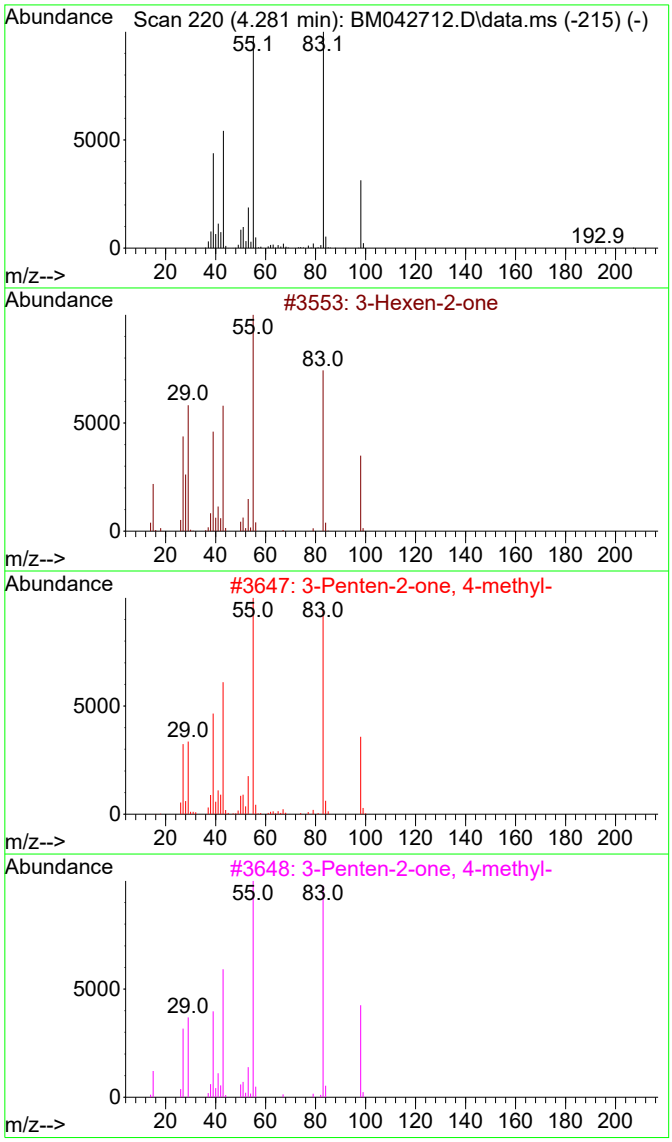
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

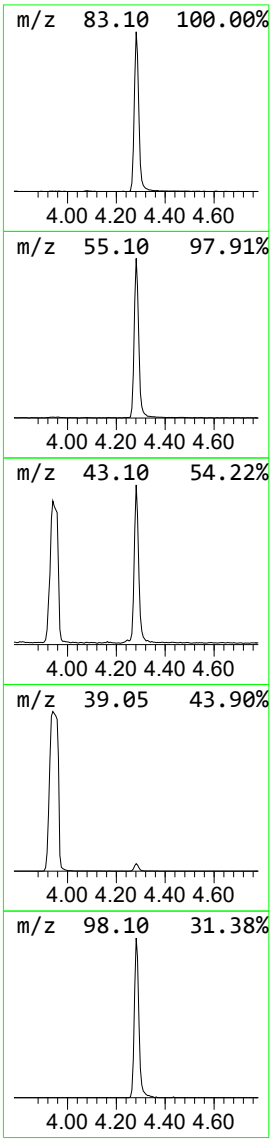
****

Peak Number 3 3-Hexen-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.281	67.67 ng/ul	607042	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	94
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	78
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

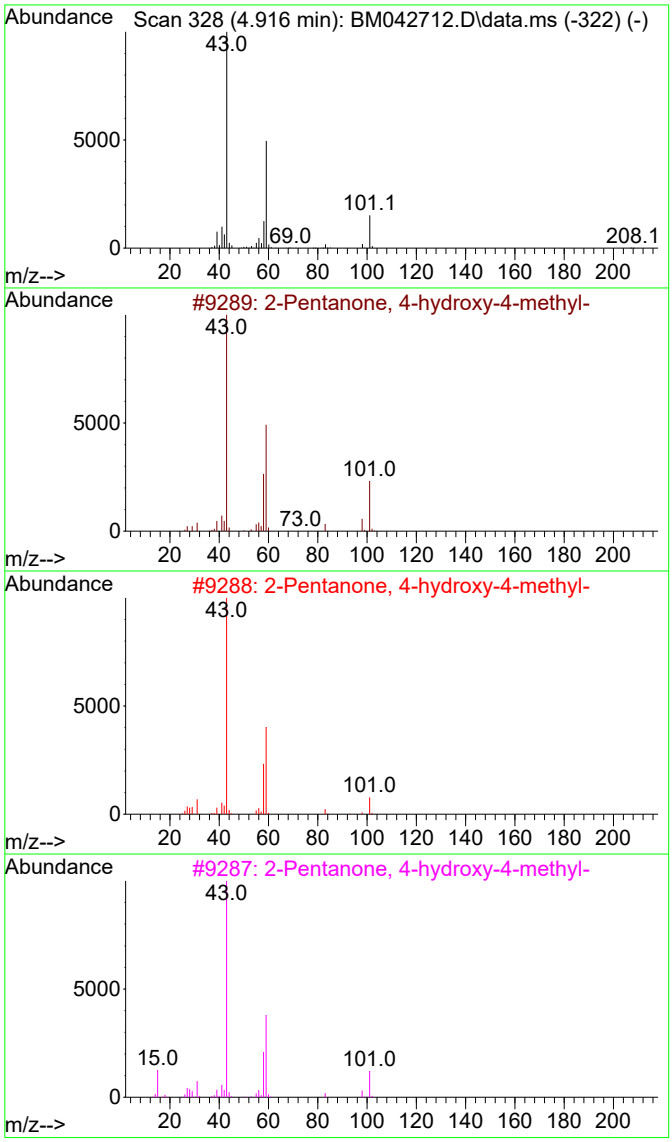
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

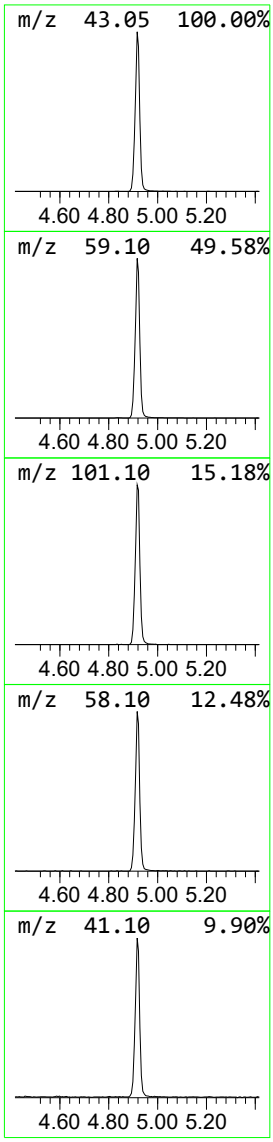
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.916	195.94 ng/ul	1757590	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

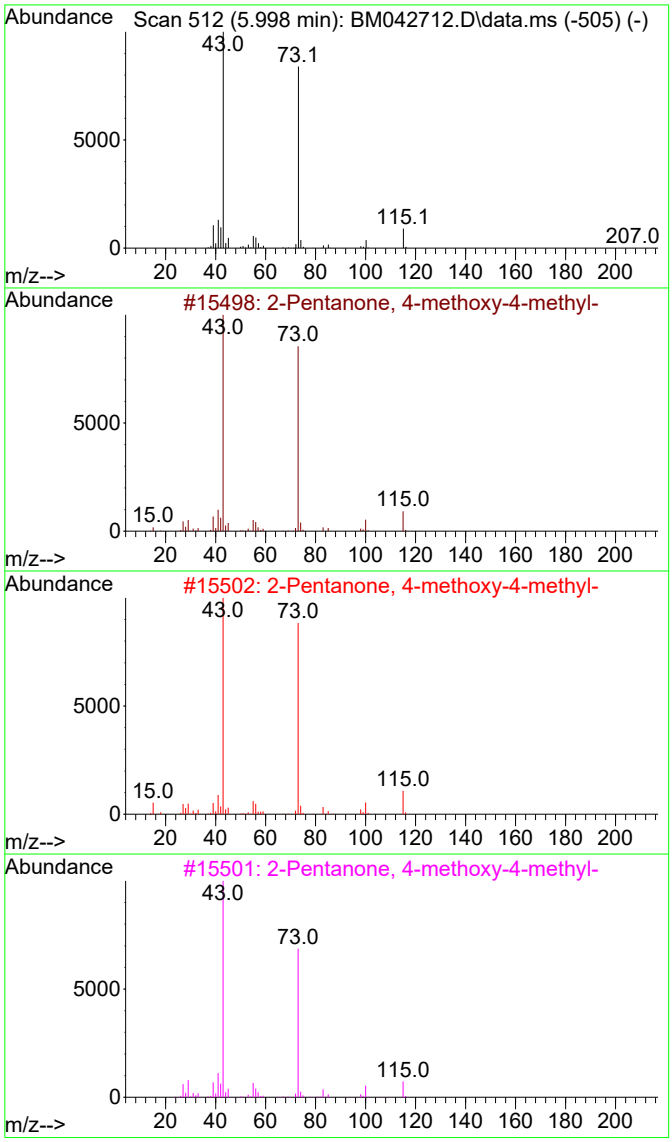
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

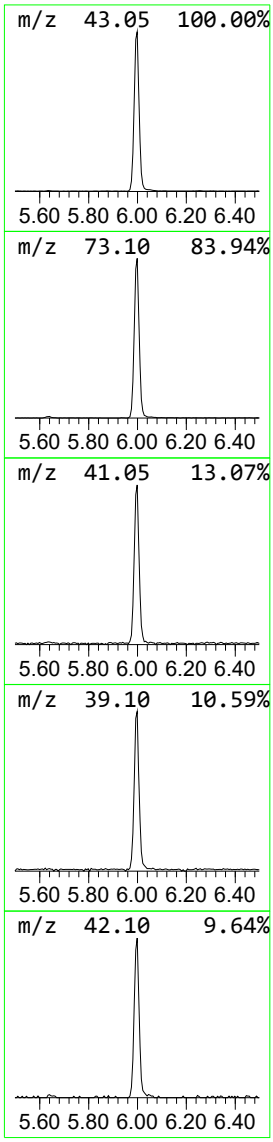
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone, 4-methoxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.998	79.92 ng/ul	716931	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
3	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	64
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	58
5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

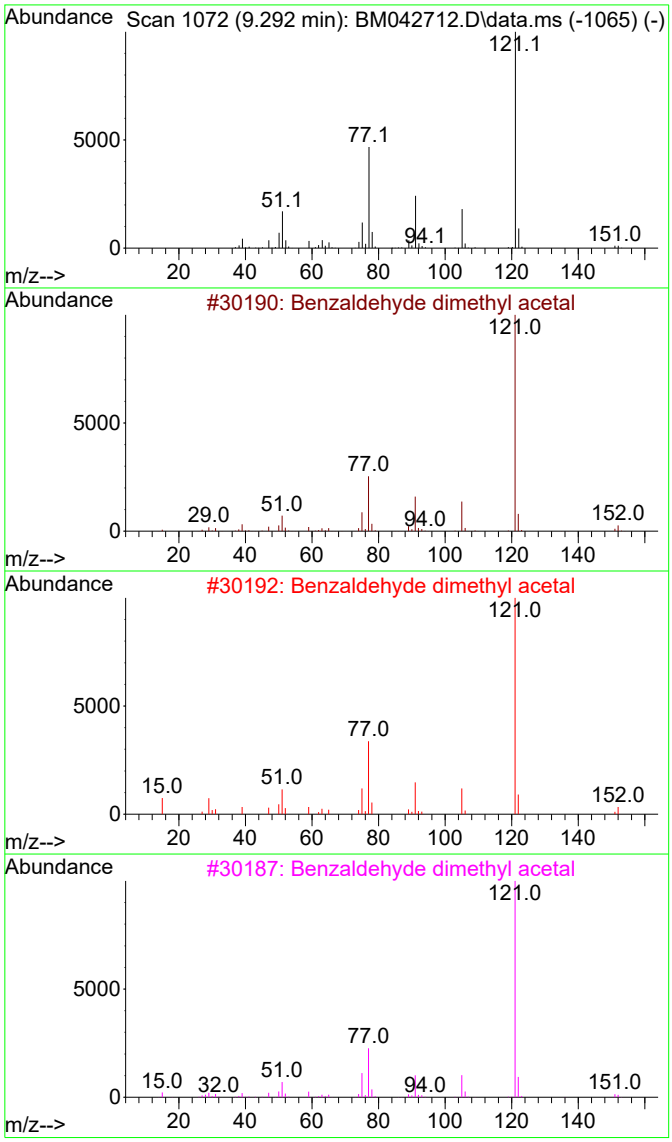
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

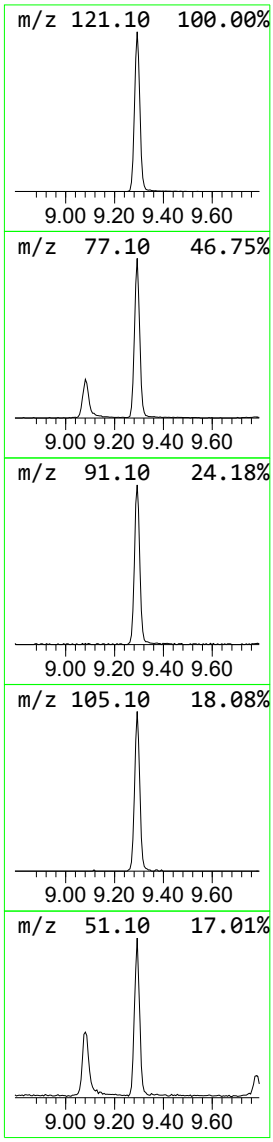
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde dimethyl acetal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	47.94 ng/ul	584695	Naphthalene-d8	10.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	94
2	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	90
3	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	72
4	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	60
5	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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

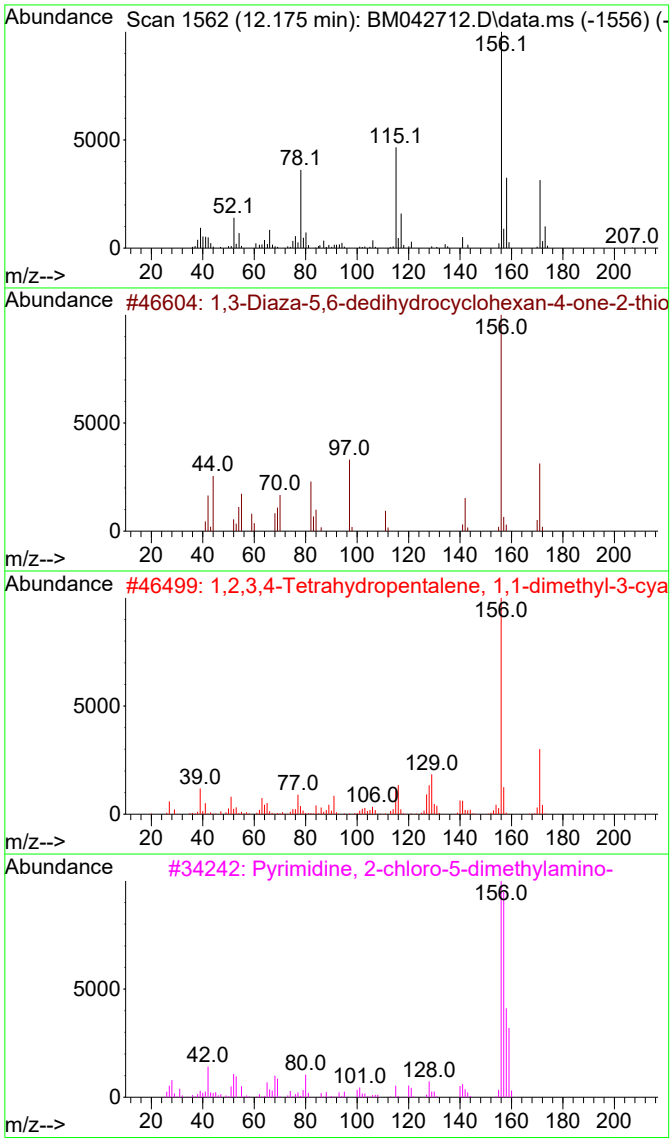
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

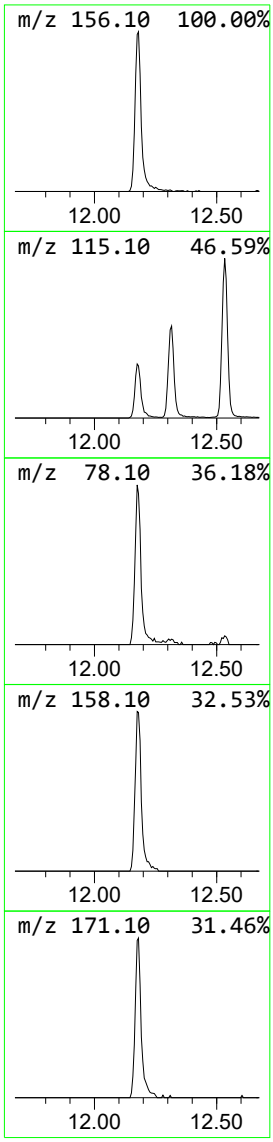
****

Peak Number 7 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	23.12 ng/ul	281914	Naphthalene-d8	10.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
2	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
3	Pyrimidine, 2-chloro-5-dimethyla...	157	C6H8ClN3	062802-43-1	32
4	Nifuroxime	156	C5H4N2O4	006236-05-1	27
5	Tebuthiuron	228	C9H16N4OS	034014-18-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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

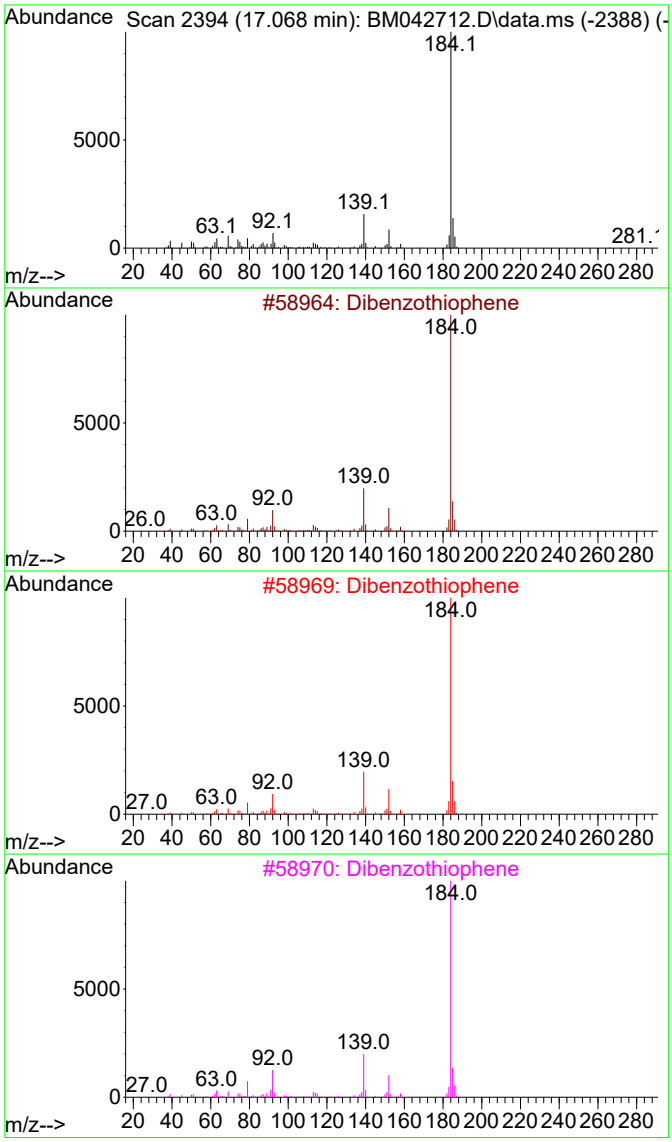
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

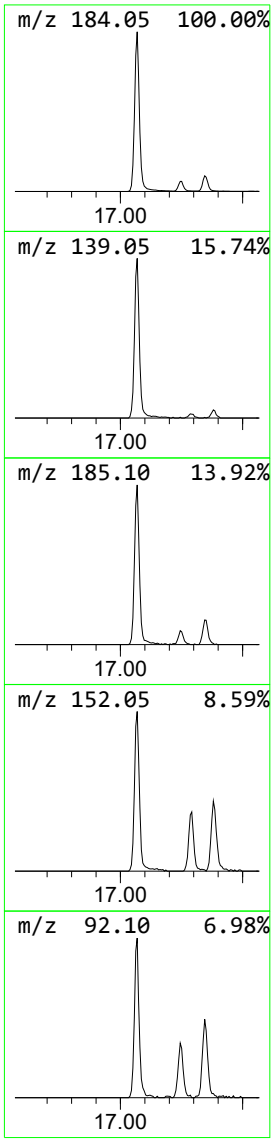
****

Peak Number 8 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.068	43.94 ng/ul	962285	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042712.D
Acq On : 13 Nov 2023 19:35
Operator : MA/JU
Sample : 05013-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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
unknown-01	3.504	6.2	ng/ul	55286	1	7.834	179404	20.0
Toluene	3.940	2966.6	ng/ul	26611200	1	7.834	179404	20.0
3-Hexen-2-one	4.281	67.7	ng/ul	607042	1	7.834	179404	20.0
2-Pentanone, 4-...	4.916	195.9	ng/ul	1757590	1	7.834	179404	20.0
2-Pentanone, 4-...	5.998	79.9	ng/ul	716931	1	7.834	179404	20.0
Benzaldehyde di...	9.292	47.9	ng/ul	584695	2	10.651	243906	20.0
unknown-02	12.175	23.1	ng/ul	281914	2	10.651	243906	20.0
Dibenzothiophene	17.068	43.9	ng/ul	962285	4	17.245	438020	20.0