LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048343.D
Acq On : 31 Oct 2024 04:48
Operator : RC/JU
Sample : P4534-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L80

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-BM102624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048343.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.163	27	30	41	rVB	58241	88336	0.59%	0.087%
2	3.587	98	102	116	rBV	281379	489632	3.27%	0.485%
3	3.904	153	156	161	rVB2	13679	20475	0.14%	0.020%
4	4.434	241	246	253	rVB2	31768	51209	0.34%	0.051%
5	4.840	309	315	322	rVB5	11401	23792	0.16%	0.024%
6	5.004	337	343	350	rVB	46175	76881	0.51%	0.076%
7	6.892	652	664	676	rBV	334877	631760	4.22%	0.626%
8	7.045	683	690	702	rBV	829484	1331385	8.89%	1.319%
9	7.245	717	724	736	rBV	900183	1455869	9.72%	1.442%
10	7.340	736	740	749	rVB9	7967	15694	0.10%	0.016%
11	7.710	796	803	813	rBV	853748	1395958	9.32%	1.383%
12	8.428	918	925	940	rBV	958843	1670647	11.15%	1.655%
13	8.869	991	1000	1010	rBV	986827	1637539	10.93%	1.622%
14	9.292	1067	1072	1077	rVB	34761	52689	0.35%	0.052%
15	9.586	1114	1122	1133	rBV	735543	1292147	8.63%	1.280%
16	10.128	1206	1214	1233	rBV	1116700	2158519	14.41%	2.138%
17	10.498	1265	1277	1288	rBV	1306697	2182723	14.57%	2.162%
18	10.645	1294	1302	1322	rBV	589309	1290882	8.62%	1.278%
19	11.780	1485	1495	1501	rVB4	21270	44060	0.29%	0.044%
20	11.927	1514	1520	1528	rBV7	14173	27934	0.19%	0.028%
21	12.110	1546	1551	1559	rVB2	17083	35615	0.24%	0.035%
22	13.698	1815	1821	1826	rBV2	17997	26276	0.18%	0.026%
23	13.769	1826	1833	1843	rBV	2319479	3355591	22.40%	3.323%
24	14.045	1870	1880	1895	rBV2	2708059	3999666	26.70%	3.961%
25	14.304	1920	1924	1926	rBV	15008	16479	0.11%	0.016%
26	14.351	1926	1932	1948	rVB	1964962	2934658	19.59%	2.906%
27	14.557	1961	1967	1969	rBV5	11462	16085	0.11%	0.016%
28	14.598	1969	1974	1983	rVV2	97877	231528	1.55%	0.229%
29	14.674	1983	1987	1990	rVV3	24671	47316	0.32%	0.047%
30	15.292	2087	2092	2095	rVV3	37772	66270	0.44%	0.066%
31	15.351	2095	2102	2117	rVB	3409218	5066467	33.83%	5.018%
32	15.474	2117	2123	2135	rBV	996999	1511248	10.09%	1.497%
33	15.592	2141	2143	2148	rVB4	16972	19013	0.13%	0.019%
34	15.715	2158	2164	2174	rBV	334875	465674	3.11%	0.461%
35	15.857	2182	2188	2192	rBV	197308	267150	1.78%	0.265%
36	15.910	2192	2197	2200	rVV	217172	292655	1.95%	0.290%

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Instrument :
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ClientSampleId :
E1L80

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-BM102624.MA.M
Title : SVOA CALIBRATION

37	15.957	2200	2205	2210	rVB2	247231	350706	2.34%	0.347%
38	16.015	2210	2215	2221	rBV	790433	1038481	6.93%	1.029%
39	16.115	2227	2232	2243	rVB2	121585	183551	1.23%	0.182%
40	16.574	2305	2310	2316	rVV3	34437	66302	0.44%	0.066%
41	16.698	2325	2331	2339	rBV	3264856	4227423	28.23%	4.187%
42	16.768	2339	2343	2349	rVB5	52779	93531	0.62%	0.093%
43	16.980	2373	2379	2387	rBV4	41140	106079	0.71%	0.105%
44	17.098	2393	2399	2408	rBV	2459102	3485377	23.27%	3.452%
45	17.198	2409	2416	2429	rVV	3825584	5580263	37.26%	5.527%
46	17.351	2429	2442	2451	rVV4	255260	766029	5.11%	0.759%
47	17.427	2451	2455	2459	rVB	32416	45075	0.30%	0.045%
48	17.562	2469	2478	2485	rBV	10277171	14977236	100.00%	14.833%
49	17.615	2485	2487	2491	rVB2	29802	31513	0.21%	0.031%
50	17.680	2492	2498	2502	rBV	193816	271582	1.81%	0.269%
51	17.715	2502	2504	2509	rVB	80424	94772	0.63%	0.094%
52	17.792	2511	2517	2520	rBV6	33759	73503	0.49%	0.073%
53	17.856	2525	2528	2532	rVV4	28834	41675	0.28%	0.041%
54	17.904	2532	2536	2539	rVV	36235	45050	0.30%	0.045%
55	17.939	2539	2542	2546	rVB2	23187	32311	0.22%	0.032%
56	17.992	2547	2551	2554	rBV	171924	237915	1.59%	0.236%
57	18.027	2554	2557	2568	rVB	318552	512965	3.42%	0.508%
58	18.139	2573	2576	2579	rVB2	25643	29464	0.20%	0.029%
59	18.280	2593	2600	2615	rBV	8201170	12213139	81.54%	12.096%
60	18.451	2625	2629	2633	rBV3	47782	71452	0.48%	0.071%
61	18.551	2643	2646	2652	rVB6	46103	67090	0.45%	0.066%
62	18.656	2659	2664	2672	rBV2	64468	102800	0.69%	0.102%
63	18.751	2673	2680	2687	rVV5	69377	145993	0.97%	0.145%
64	18.833	2690	2694	2700	rVB5	60795	109721	0.73%	0.109%
65	19.056	2728	2732	2733	rBV	41310	48768	0.33%	0.048%
66	19.086	2733	2737	2740	rVV2	66115	94142	0.63%	0.093%
67	19.127	2741	2744	2750	rVB	52300	68776	0.46%	0.068%
68	19.192	2751	2755	2760	rBV	211104	246041	1.64%	0.244%
69	19.245	2761	2764	2766	rBV	48758	59680	0.40%	0.059%
70	19.274	2766	2769	2777	rVB2	70266	101101	0.68%	0.100%
71	19.368	2781	2785	2790	rBV	514982	638676	4.26%	0.633%
72	19.492	2799	2806	2817	rBV	4897209	6951972	46.42%	6.885%
73	19.586	2818	2822	2826	rVV	144282	180953	1.21%	0.179%
74	19.786	2851	2856	2862	rVB	84177	137308	0.92%	0.136%
75	19.862	2865	2869	2874	rBV3	89083	113248	0.76%	0.112%
76	20.021	2893	2896	2901	rVB3	42342	55868	0.37%	0.055%

LSC Area Percent Report

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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L80

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-BM102624.MA.M
Title : SVOA CALIBRATION

77	20.280	2937	2940	2946	rVB	61861	84309	0.56%	0.083%
78	21.009	3061	3064	3072	rVB2	149467	240535	1.61%	0.238%
79	21.321	3111	3117	3128	rBV	2377301	3698479	24.69%	3.663%
80	23.080	3413	3416	3425	rVB	122441	213167	1.42%	0.211%
81	24.062	3574	3583	3595	rBV	2257502	5423291	36.21%	5.371%
82	24.262	3609	3617	3628	rVB	1325515	3323244	22.19%	3.291%

Sum of corrected areas: 100970378

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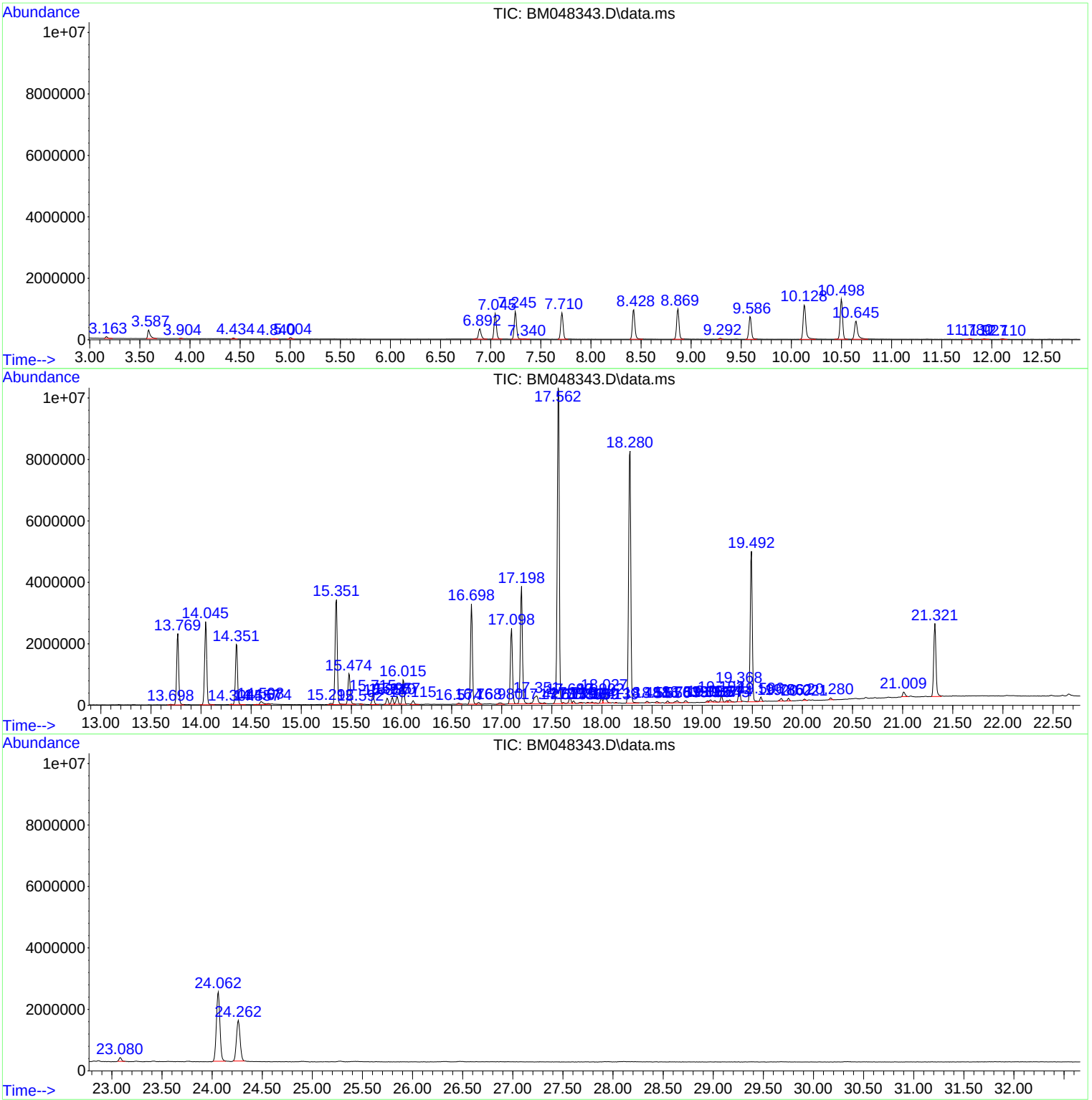
Instrument :
BNA_M
ClientSampleId :
E1L80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.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\BM102824\
Data File : BM048343.D
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Operator : RC/JU
Sample : P4534-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L80

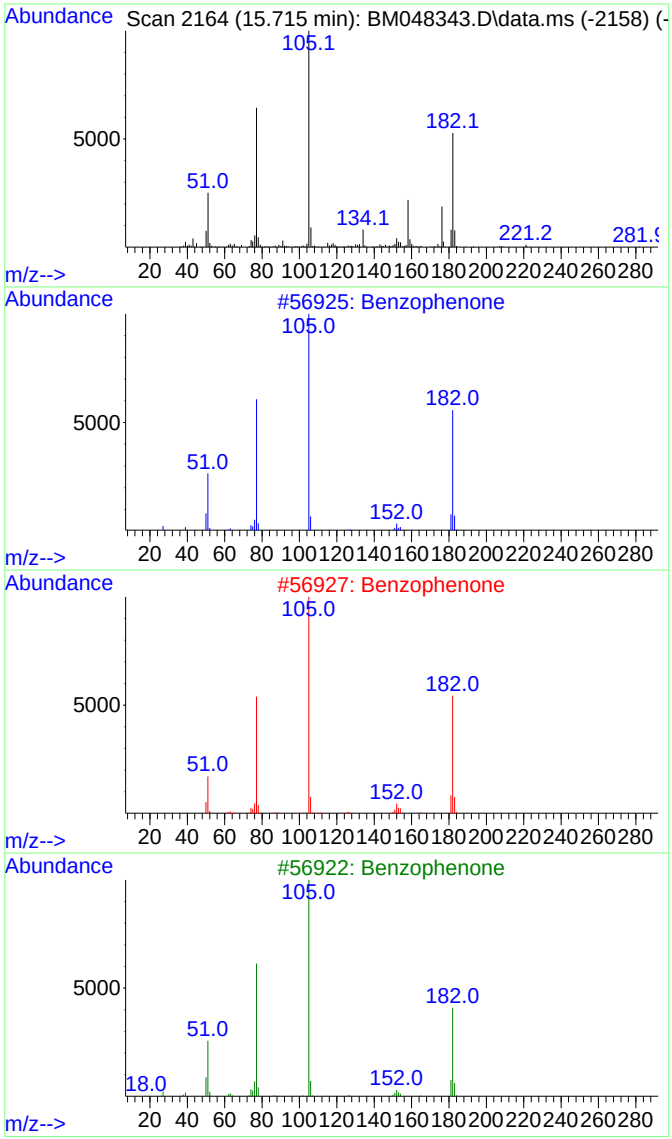
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

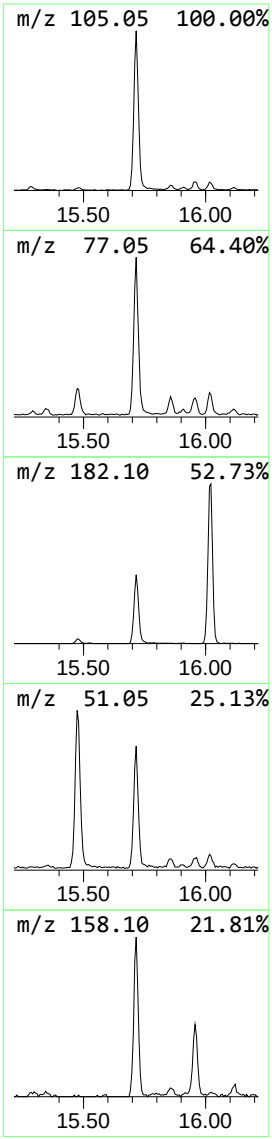
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.715	3.17 ng/ul	465674	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	93
4	Benzophenone	182	C13H10O	000119-61-9	81
5	Benzophenone	182	C13H10O	000119-61-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048343.D
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Operator : RC/JU
Sample : P4534-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

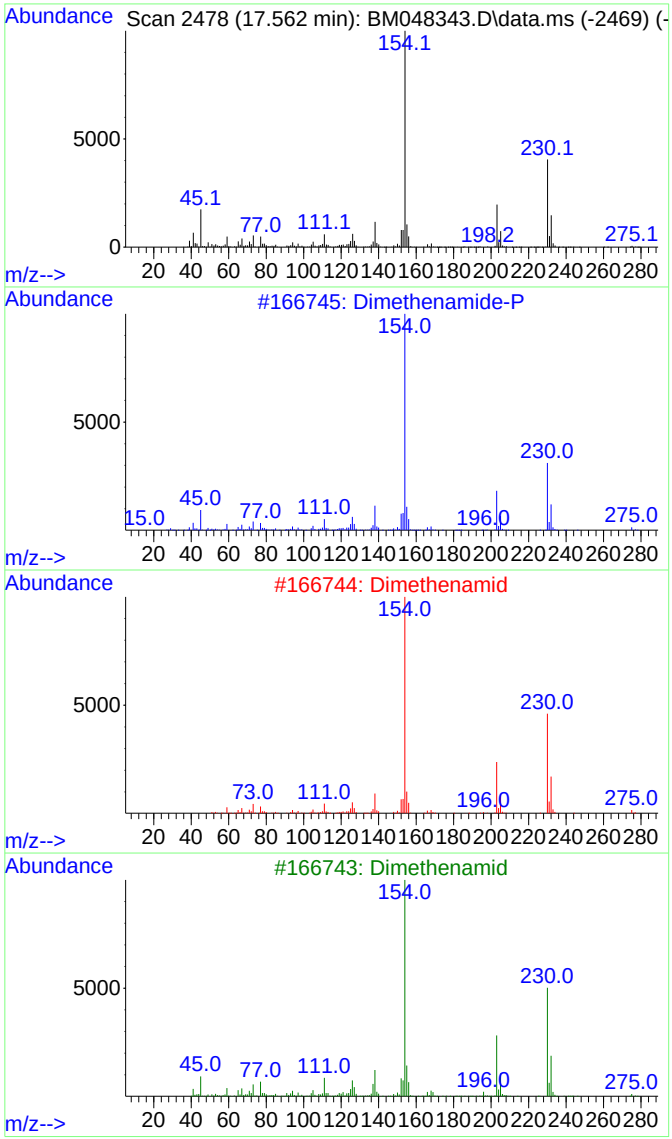
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

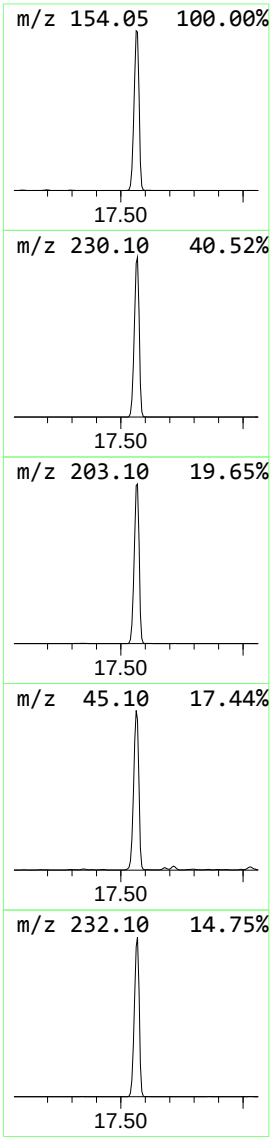
****

Peak Number 6 Dimethenamide-P Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.562	85.94 ng/ul	14977200	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethenamide-P	275	C12H18ClNO2S	163515-14-8	91
2	Dimethenamid	275	C12H18ClNO2S	087674-68-8	91
3	Dimethenamid	275	C12H18ClNO2S	087674-68-8	90
4	Phenol, 3-methyl-4-(methylthio)-	154	C8H10OS	003120-74-9	43
5	1-tert-Butyl-3-methyl-1H-pyrazol...	225	C11H23N3Si	1000468-33-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048343.D
Acq On : 31 Oct 2024 04:48
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Sample : P4534-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L80

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION

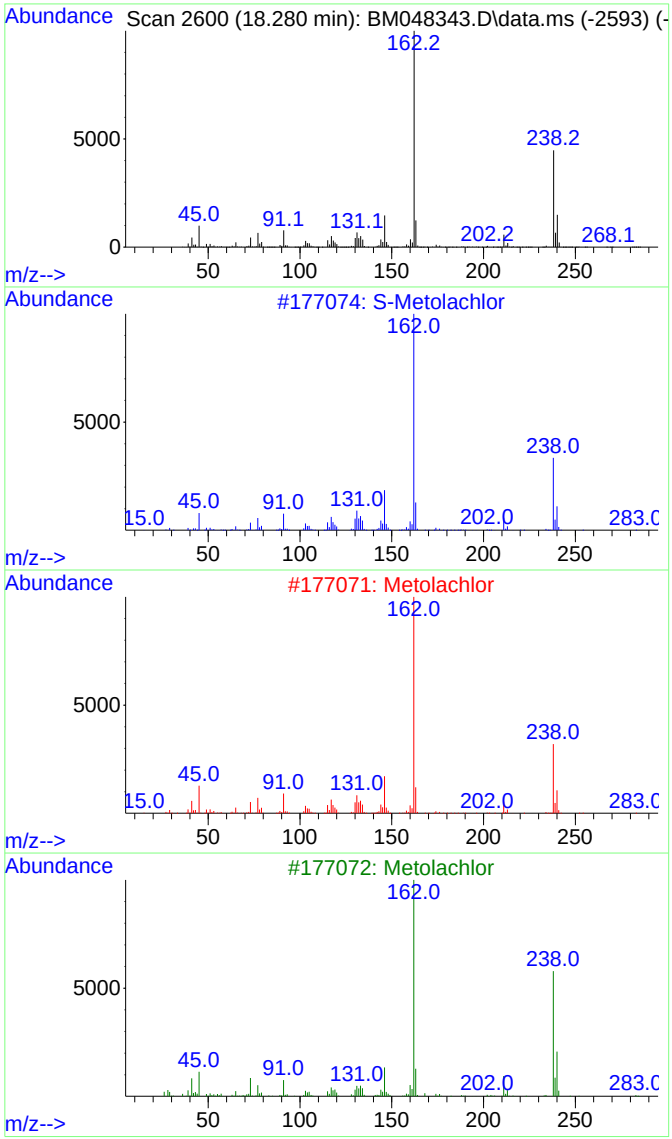
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

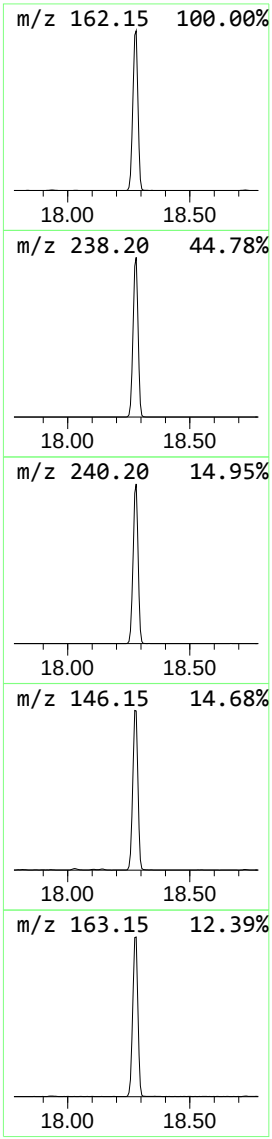
****

Peak Number 8 S-Metolachlor Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	70.08 ng/ul	12213100	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-Metolachlor	283	C15H22ClNO2	087392-12-9	87
2	Metolachlor	283	C15H22ClNO2	051218-45-2	87
3	Metolachlor	283	C15H22ClNO2	051218-45-2	68
4	Metolachlor	283	C15H22ClNO2	051218-45-2	64
5	Metolachlor	283	C15H22ClNO2	051218-45-2	52





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.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
Benzophenone	15.715	3.2	ng/ul	465674	3	14.357	2934660	20.0
Dimethenamide-P	17.562	85.9	ng/ul	14977200	4	17.098	3485380	20.0
S-Metolachlor	18.280	70.1	ng/ul	12213100	4	17.098	3485380	20.0