LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
Data File : BM036389.D
Acq On : 23 Aug 2022 13:57
Operator : CG/JU
Sample : N4181-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3C27

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-BM081622.M
Title : SVOA CALIBRATION

Signal : TIC: BM036389.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.205	16	20	25	rBV	83464	97579	1.29%	0.067%
2	3.346	41	44	50	rVB7	6133	10961	0.15%	0.008%
3	3.628	89	92	111	rBV	1215892	1784868	23.63%	1.233%
4	3.857	126	131	135	rVV	22577	33876	0.45%	0.023%
5	3.899	135	138	143	rVB	16448	19983	0.26%	0.014%
6	3.952	143	147	153	rBV	33005	41961	0.56%	0.029%
7	4.393	220	222	227	rVB3	9383	12188	0.16%	0.008%
8	4.487	234	238	244	rVB9	8031	13930	0.18%	0.010%
9	4.693	269	273	278	rBV	17923	26987	0.36%	0.019%
10	4.804	289	292	299	rVB	9314	13856	0.18%	0.010%
11	4.881	299	305	313	rVB4	8981	17310	0.23%	0.012%
12	5.093	337	341	346	rBV3	7398	10751	0.14%	0.007%
13	5.146	346	350	357	rVV2	9806	14423	0.19%	0.010%
14	5.216	357	362	367	rVB2	13295	18373	0.24%	0.013%
15	5.940	480	485	491	rBV2	14207	25381	0.34%	0.018%
16	6.304	541	547	558	rBV2	15974	43438	0.57%	0.030%
17	6.969	654	660	672	rBV	1243694	1973137	26.12%	1.363%
18	7.134	681	688	697	rBV	1074565	1636547	21.66%	1.131%
19	7.222	697	703	712	rVV	653390	975169	12.91%	0.674%
20	7.322	713	720	730	rVV	1206399	1877969	24.86%	1.297%
21	7.404	730	734	743	rVB3	24111	43405	0.57%	0.030%
22	7.675	772	780	793	rBV	1749874	2693980	35.66%	1.861%
23	7.793	793	800	815	rVB	967751	1515371	20.06%	1.047%
24	7.998	830	835	839	rBV8	5124	8041	0.11%	0.006%
25	8.381	896	900	910	rVB	268821	422512	5.59%	0.292%
26	8.516	916	923	928	rBV	1581121	2490219	32.96%	1.720%
27	8.575	928	933	950	rVB	2585052	4016665	53.17%	2.775%
28	8.863	974	982	991	rVB	2193885	3448424	45.65%	2.382%
29	8.963	991	999	1003	rBV	1249953	2029303	26.86%	1.402%
30	9.004	1003	1006	1015	rVB	769807	1184756	15.68%	0.818%
31	9.351	1061	1065	1070	rVB5	5248	7707	0.10%	0.005%
32	9.622	1108	1111	1115	rBV4	4949	7600	0.10%	0.005%
33	9.681	1115	1121	1124	rVV	982047	1698449	22.48%	1.173%
34	9.716	1124	1127	1132	rVV	1270143	1870414	24.76%	1.292%
35	9.781	1132	1138	1153	rVB	1552022	2567653	33.99%	1.774%
36	10.016	1171	1178	1193	rBV	861447	1293484	17.12%	0.894%

LSC Area Percent Report

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Sample : N4181-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3C27

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-BM081622.M
Title : SVOA CALIBRATION

37	10.222	1205	1213	1215	rBV	1534437	2506969	33.18%	1.732%
38	10.457	1245	1253	1262	rBV	1362461	2226186	29.47%	1.538%
39	10.592	1269	1276	1283	rBV	1455124	2312221	30.61%	1.597%
40	10.769	1294	1306	1322	rBV2	3012832	7554739	100.00%	5.219%
41	10.975	1337	1341	1348	rVB2	10919	17052	0.23%	0.012%
42	11.675	1452	1460	1486	rBV	2258069	4126957	54.63%	2.851%
43	12.092	1526	1531	1535	rBV6	7619	13915	0.18%	0.010%
44	12.180	1538	1546	1552	rVB3	28420	53733	0.71%	0.037%
45	12.257	1552	1559	1572	rBV	2256428	3478554	46.04%	2.403%
46	12.386	1576	1581	1591	rVV	171819	332666	4.40%	0.230%
47	12.480	1591	1597	1609	rVV	74005	169798	2.25%	0.117%
48	12.598	1610	1617	1628	rVB	1883044	2784106	36.85%	1.923%
49	12.686	1628	1632	1635	rBV2	14261	21660	0.29%	0.015%
50	12.716	1635	1637	1641	rVB5	10648	13927	0.18%	0.010%
51	12.875	1658	1664	1676	rBV	1064774	1575121	20.85%	1.088%
52	13.316	1732	1739	1749	rBV	1199908	1801426	23.84%	1.244%
53	13.539	1769	1777	1786	rBV	3001645	4406797	58.33%	3.044%
54	13.622	1789	1791	1797	rVB5	11230	17478	0.23%	0.012%
55	13.780	1814	1818	1824	rVB7	4819	9082	0.12%	0.006%
56	13.857	1824	1831	1835	rBV	2405055	3339287	44.20%	2.307%
57	13.904	1835	1839	1849	rVB	2397498	3274800	43.35%	2.262%
58	14.027	1854	1860	1869	rVB	777264	1043267	13.81%	0.721%
59	14.133	1869	1878	1889	rBV	2900050	4289273	56.78%	2.963%
60	14.363	1909	1917	1924	rBV	2836429	4118377	54.51%	2.845%
61	14.439	1924	1930	1937	rVB	1950936	2889183	38.24%	1.996%
62	14.569	1945	1952	1962	rBV	1572851	2455725	32.51%	1.696%
63	14.674	1962	1970	1995	rVB3	2655307	5241791	69.38%	3.621%
64	14.892	2001	2007	2013	rVB3	64213	110062	1.46%	0.076%
65	15.098	2039	2042	2050	rVB7	11314	19480	0.26%	0.013%
66	15.257	2061	2069	2079	rVB7	9710	21351	0.28%	0.015%
67	15.427	2092	2098	2103	rBV	3723301	5026882	66.54%	3.473%
68	15.480	2103	2107	2111	rVV	1392585	1814091	24.01%	1.253%
69	15.527	2111	2115	2118	rVV	1390147	2124815	28.13%	1.468%
70	15.574	2118	2123	2136	rVV2	2701443	4896223	64.81%	3.382%
71	15.668	2136	2139	2145	rVB3	25690	40105	0.53%	0.028%
72	15.804	2158	2162	2165	rVB4	9280	14066	0.19%	0.010%
73	16.074	2201	2208	2214	rBV	44388	64281	0.85%	0.044%
74	16.374	2252	2259	2270	rBV	5226285	6400064	84.72%	4.421%
75	16.639	2299	2304	2308	rBV5	4324	7656	0.10%	0.005%
76	17.180	2389	2396	2404	rBV	2091950	2779084	36.79%	1.920%

LSC Area Percent Report

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Sample : N4181-02
Misc :
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Instrument :
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X3C27

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Peak separation: 5

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Title : SVOA CALIBRATION

77	17.280	2406	2413	2432	rVV	3499563	4854718	64.26%	3.354%
78	17.762	2490	2495	2501	rBV	296265	372089	4.93%	0.257%
79	17.821	2502	2505	2509	rVV2	16343	24015	0.32%	0.017%
80	17.857	2509	2511	2515	rVB4	8446	9980	0.13%	0.007%
81	18.198	2563	2569	2576	rBV	1638550	1943418	25.72%	1.343%
82	18.657	2644	2647	2652	rBV6	4749	8615	0.11%	0.006%
83	18.768	2662	2666	2674	rVB4	30941	49006	0.65%	0.034%
84	19.139	2725	2729	2733	rBV3	32973	40726	0.54%	0.028%
85	19.209	2738	2741	2746	rVB	29485	39418	0.52%	0.027%
86	19.574	2797	2803	2813	rBV	3797033	4865204	64.40%	3.361%
87	20.221	2909	2913	2918	rBV	137942	164850	2.18%	0.114%
88	20.574	2970	2973	2978	rBV	76725	95234	1.26%	0.066%
89	20.656	2982	2987	2992	rVV	3143862	3533938	46.78%	2.441%
90	21.292	3090	3095	3102	rBV	1326120	1808676	23.94%	1.249%
91	21.362	3102	3107	3117	rVV	2067562	2539413	33.61%	1.754%
92	23.539	3470	3477	3493	rBV2	2444235	4668233	61.79%	3.225%
93	23.691	3497	3503	3516	rVB2	1192191	2397998	31.74%	1.657%

Sum of corrected areas: 144754451

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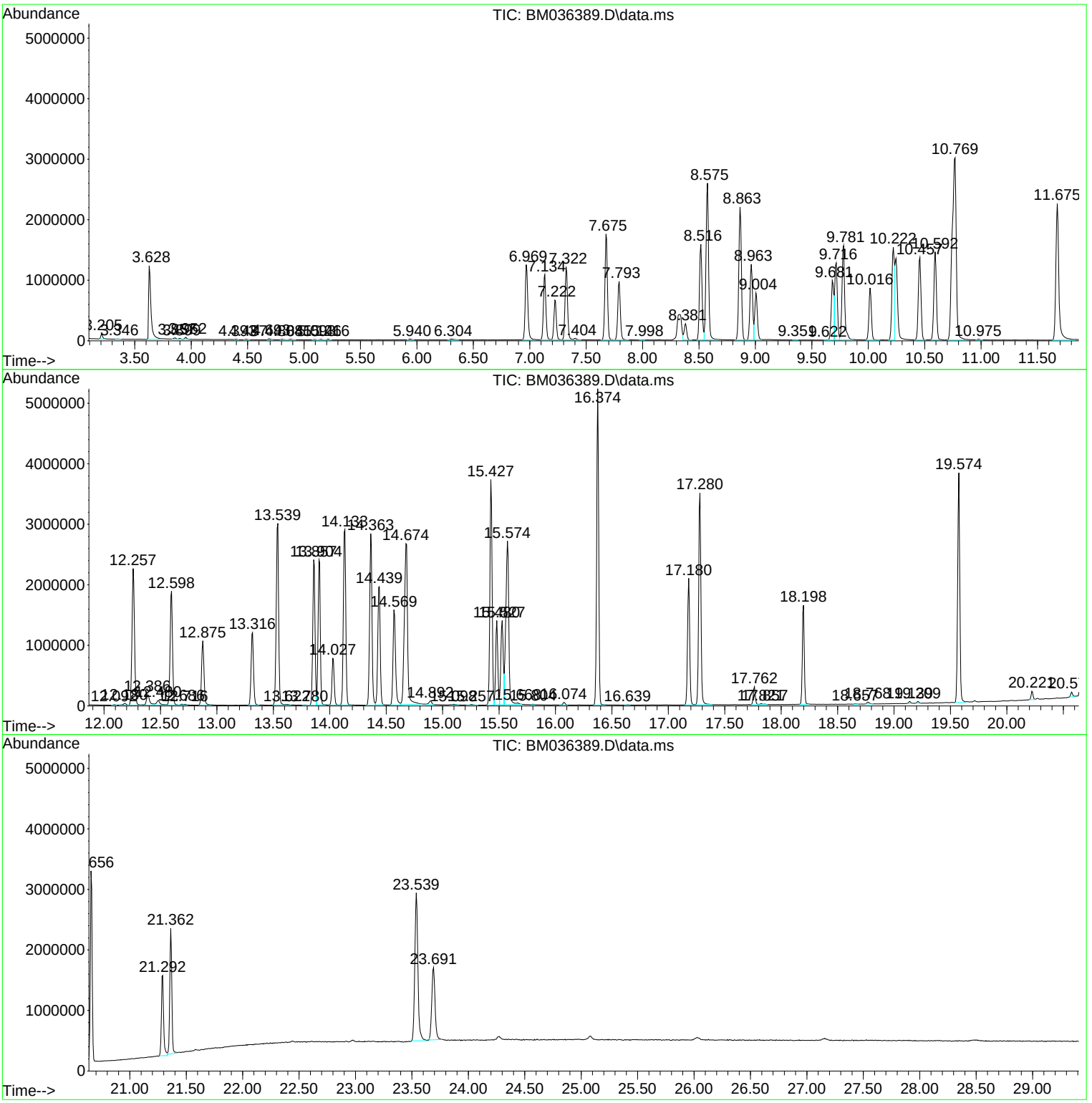
X3C27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
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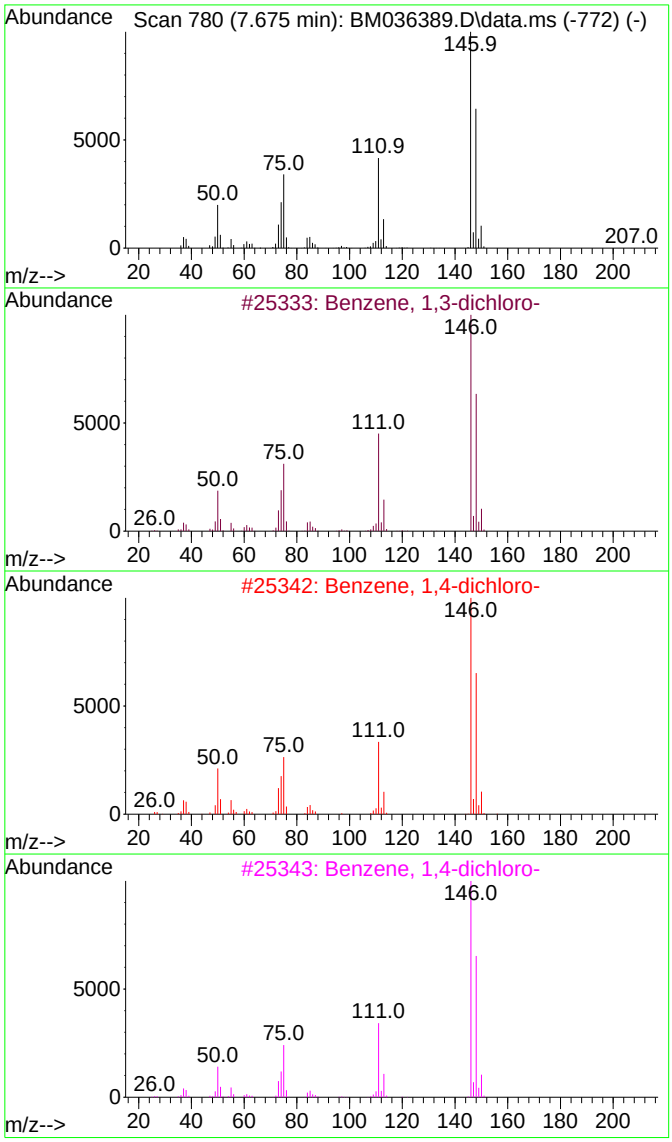
Quant Title : SVOA CALIBRATION

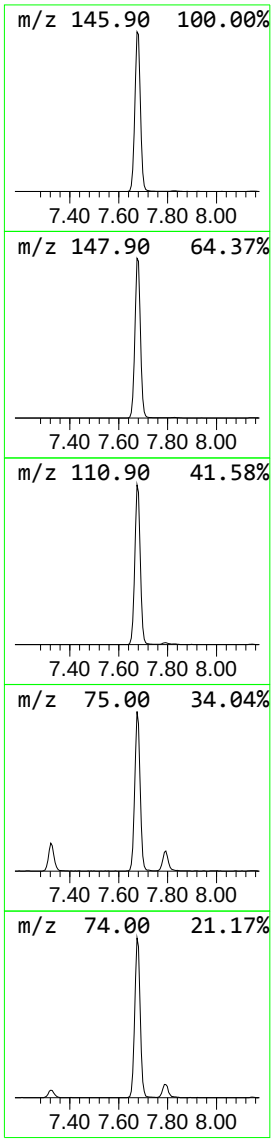
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	35.56 ng/ul	2693980	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
4	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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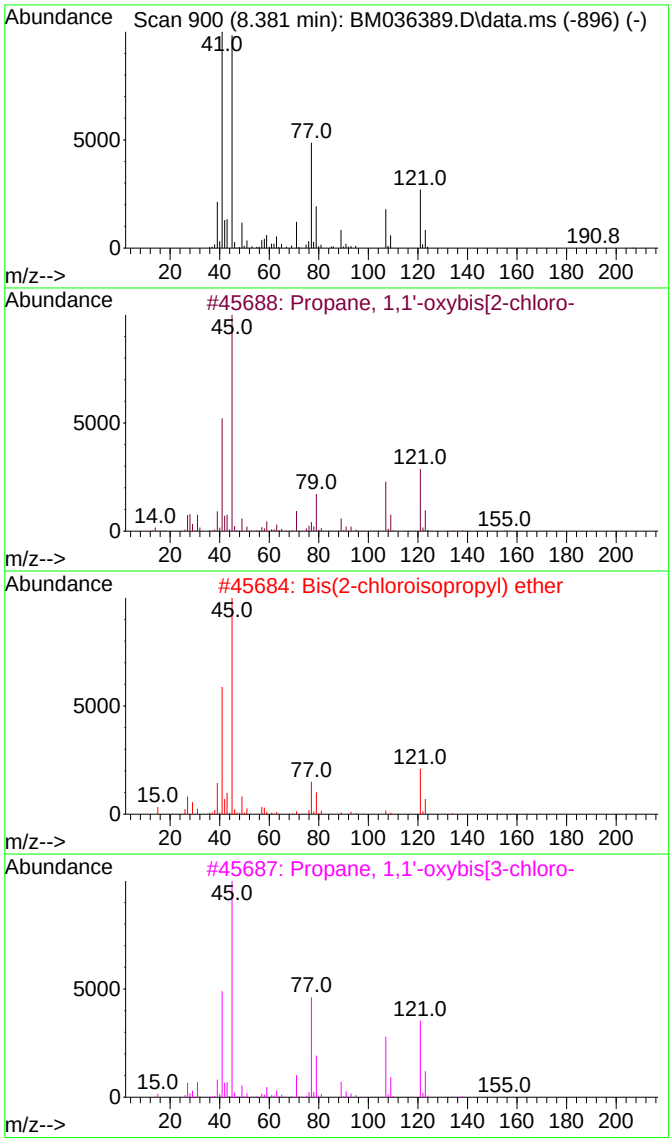
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

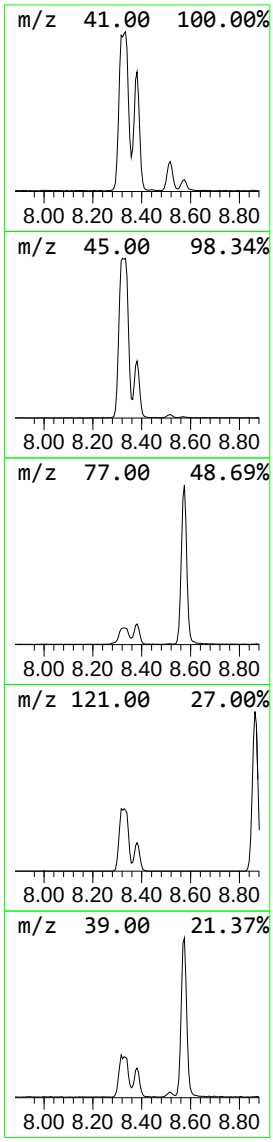
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propane, 1,1'-oxybis[2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.381	5.58 ng/ul	422512	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1'-oxybis[2-chloro-	170	C6H12Cl2O	054460-96-7	64
2	Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	50
3	Propane, 1,1'-oxybis[3-chloro-	170	C6H12Cl2O	000629-36-7	47
4	Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	45
5	Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	42





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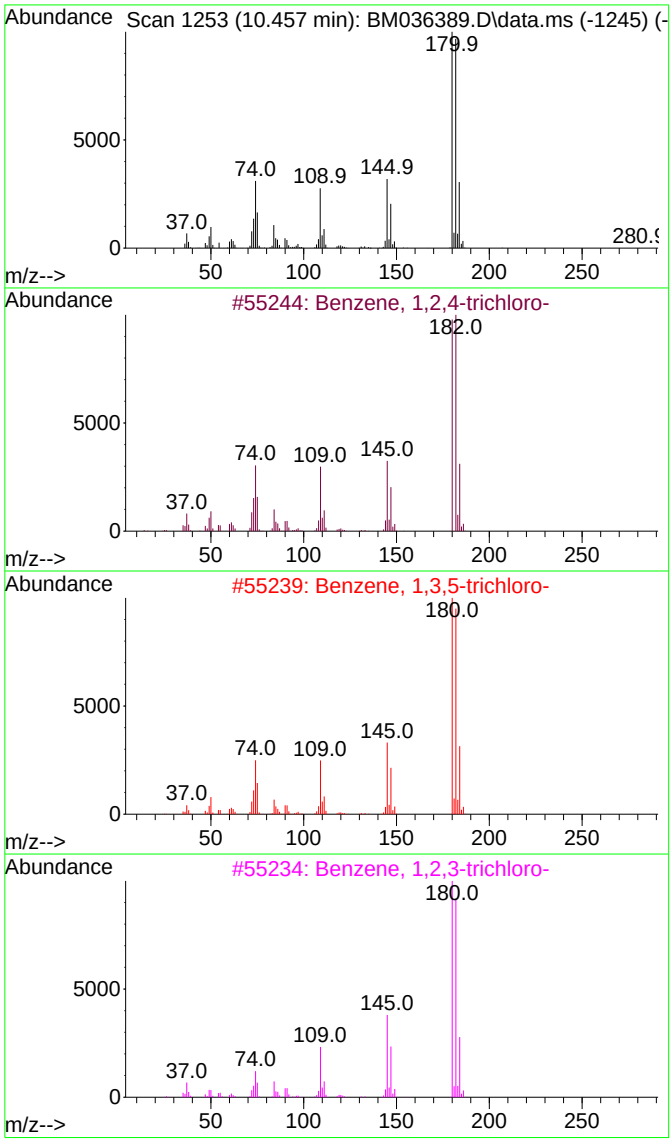
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

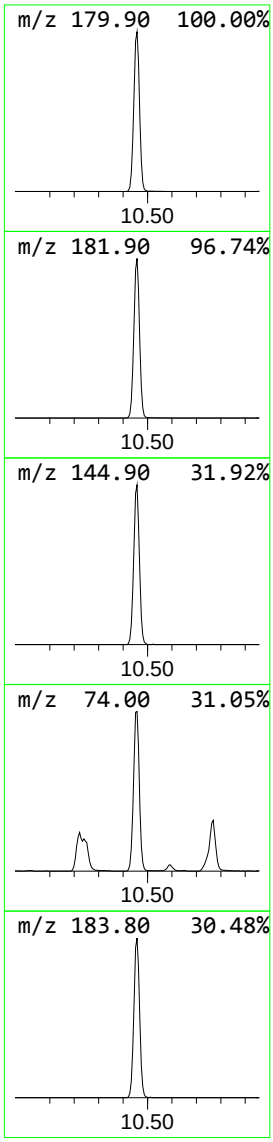
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,4-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	19.26 ng/ul	2226190	Naphthalene-d8	10.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

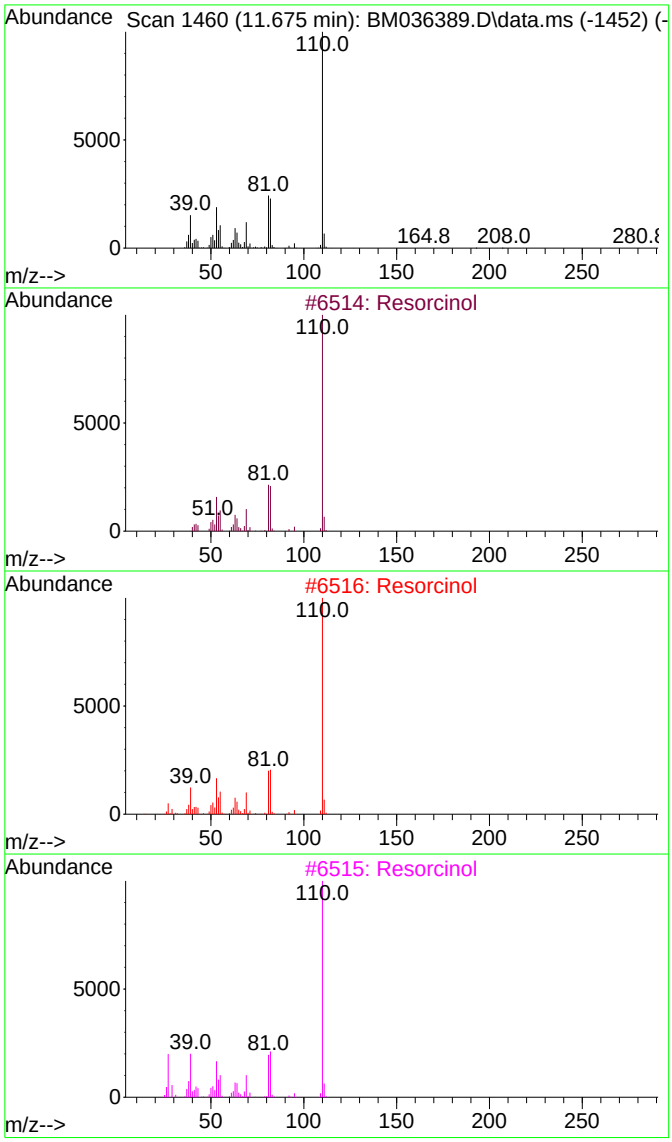
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

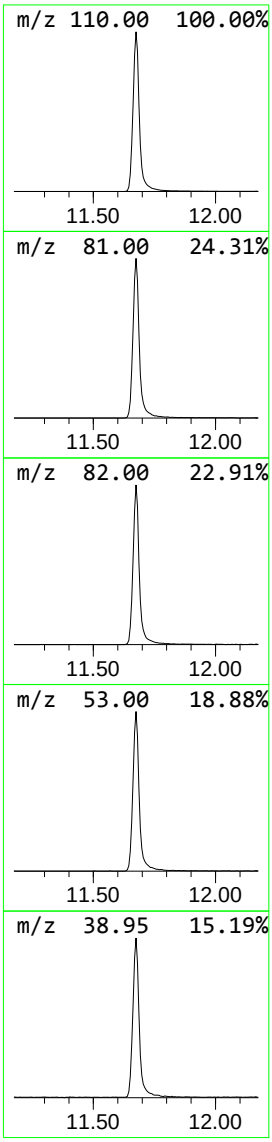
****

Peak Number 4 Resorcinol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	35.70 ng/ul	4126960	Naphthalene-d8	10.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	97
2	Resorcinol	110	C6H6O2	000108-46-3	97
3	Resorcinol	110	C6H6O2	000108-46-3	94
4	Resorcinol	110	C6H6O2	000108-46-3	91
5	Hydroquinone	110	C6H6O2	000123-31-9	80





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

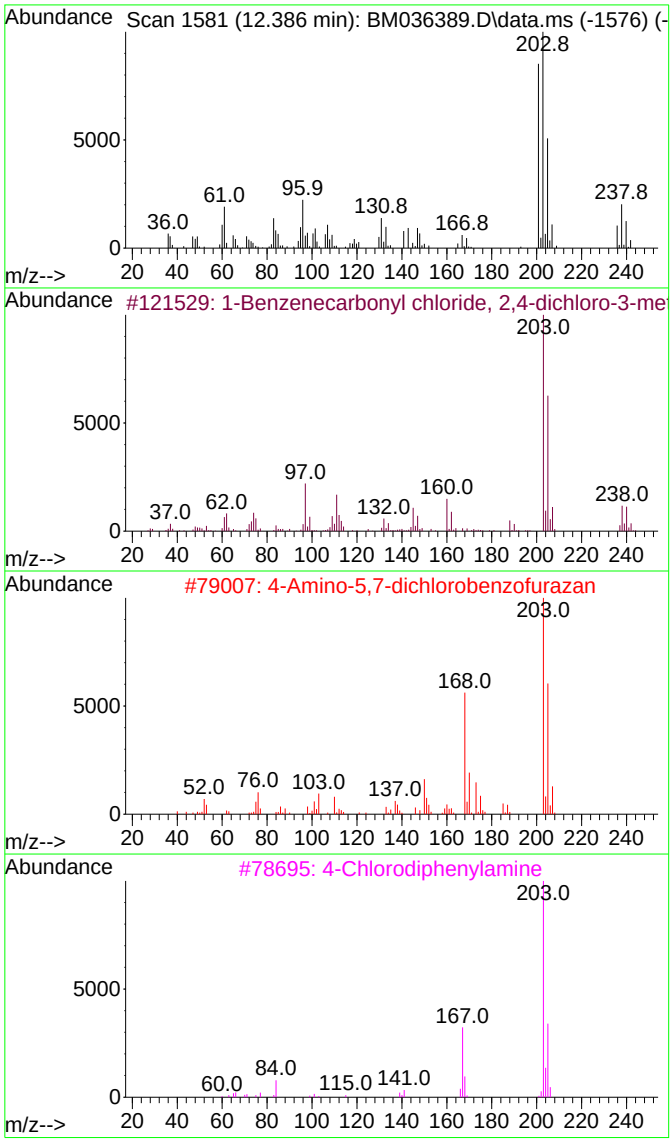
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

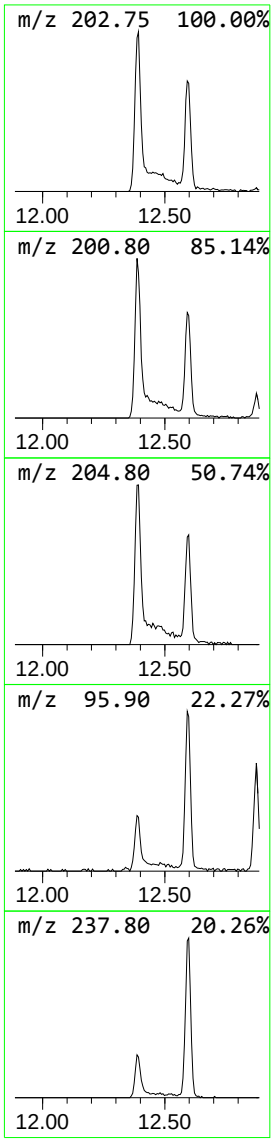
****

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	2.88 ng/ul	332666	Naphthalene-d8	10.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Benzenecarbonyl chloride, 2,4-...	238	C8H5Cl3O2	1000196-85-1	38
2	4-Amino-5,7-dichlorobenzofurazan	203	C6H3Cl2N3O	330982-41-7	35
3	4-Chlorodiphenylamine	203	C12H10ClN	1000308-70-0	27
4	Imidazo[4,5-b]pyridin-2(3H)-one,...	203	C6H3Cl2N3O	1000269-62-7	25
5	Pyridine, 2,4-dichloro-3,5,6-tri...	201	C5Cl2F3N	054889-43-9	17





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ClientSampleId :
X3C27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

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

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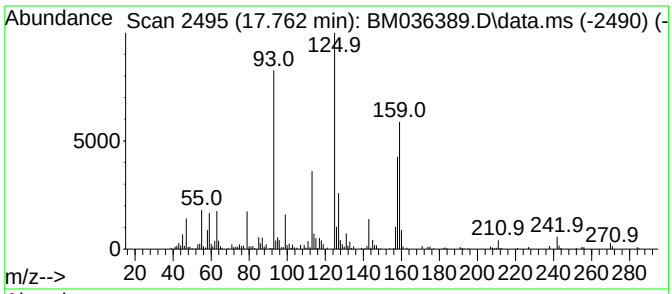
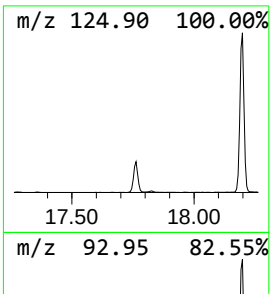
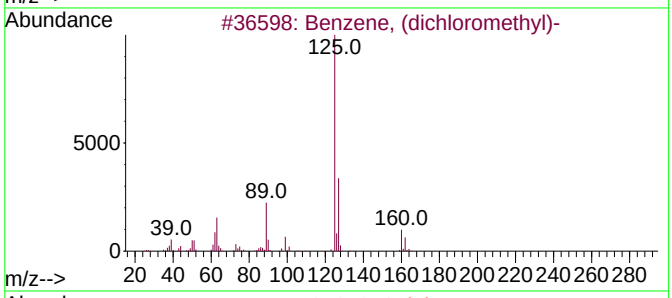
Peak Number 6 unknown-02 Concentration Rank 8

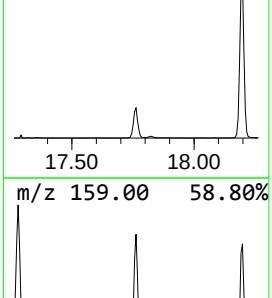
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.762	2.68 ng/ul	372089	Phenanthrene-d10	17.180

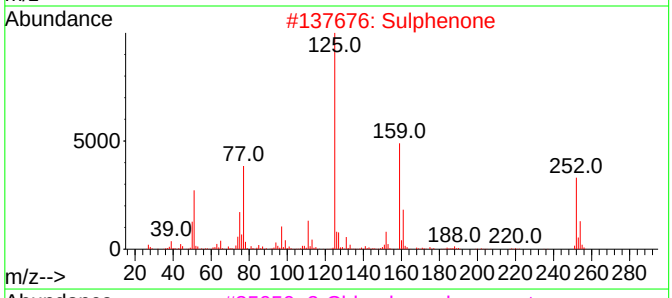
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (dichloromethyl)-	160	C7H6Cl2	000098-87-3	30
2	Sulphenone	252	C12H9ClO2S	000080-00-2	27
3	2-Chlorobenzyl mercaptan	158	C7H7ClS	039718-00-8	25
4	Propenenitrile, 2-(4-chlorobenzy...	285	C12H12ClNO3S	1000263-36-1	25
5	1-Chloro-2-(ortho-chlorophenyl)-...	174	C8H8Cl2	1000423-72-6	22

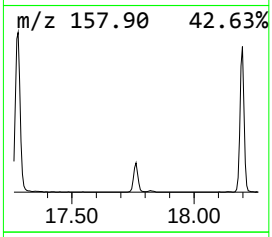


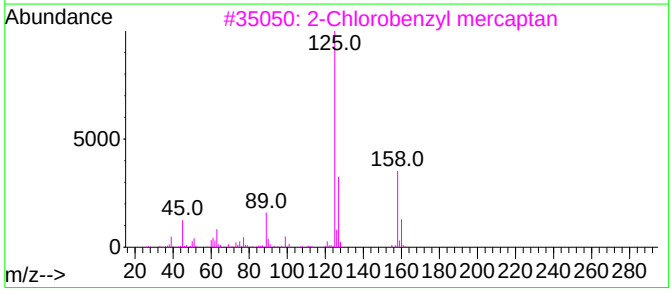


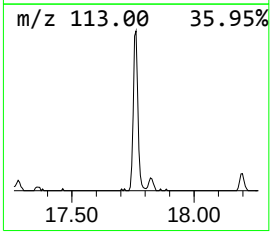












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
Data File : BM036389.D
Acq On : 23 Aug 2022 13:57
Operator : CG/JU
Sample : N4181-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3C27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

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

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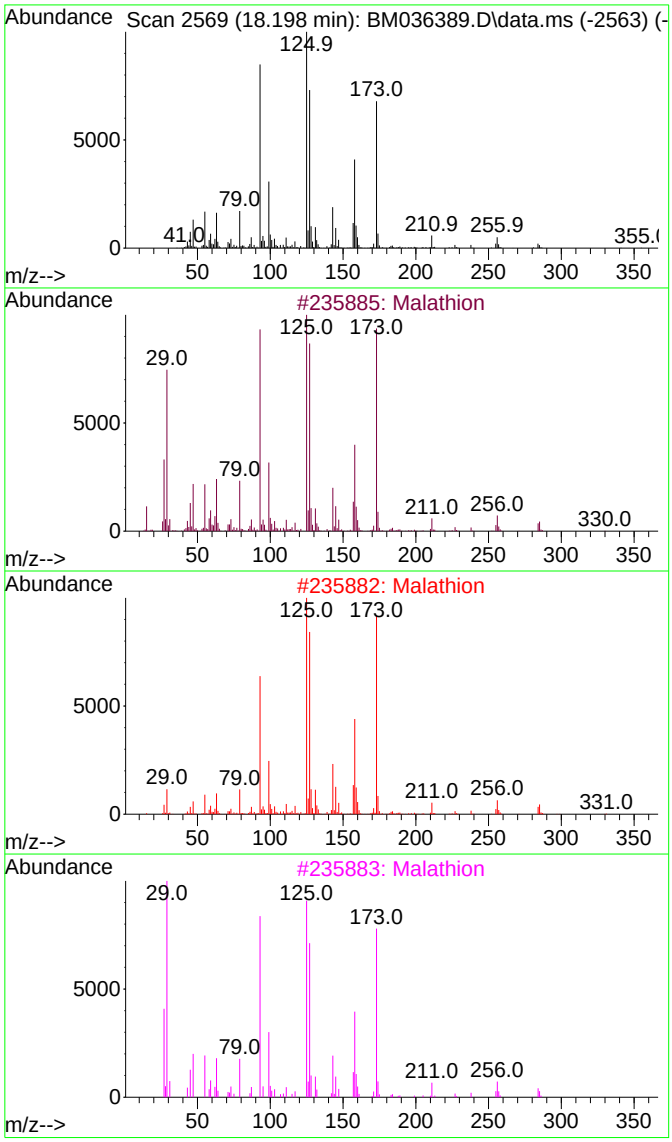
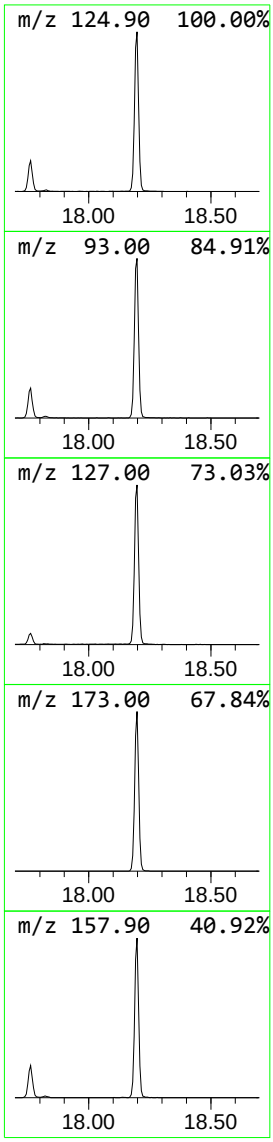
Peak Number 7 Malathion Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	13.99 ng/ul	1943420	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malathion	330	C10H19O6PS2	000121-75-5	91
2	Malathion	330	C10H19O6PS2	000121-75-5	91
3	Malathion	330	C10H19O6PS2	000121-75-5	91
4	Malathion	330	C10H19O6PS2	000121-75-5	90
5	Malathion	330	C10H19O6PS2	000121-75-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
Data File : BM036389.D
Acq On : 23 Aug 2022 13:57
Operator : CG/JU
Sample : N4181-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3C27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION

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

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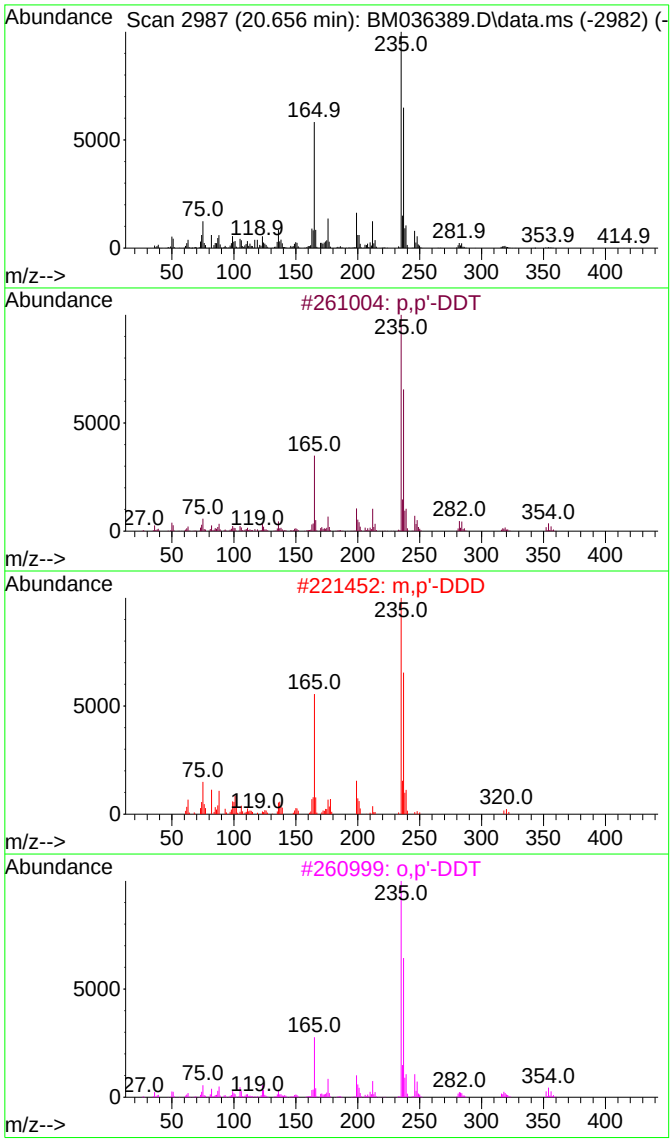
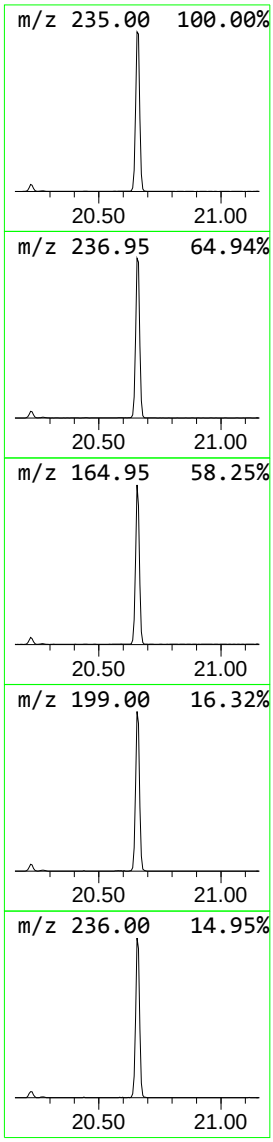
Peak Number 8 p,p'-DDT Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.656	27.83 ng/ul	3533940	Chrysene-d12	21.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDT	352	C14H9Cl5	000050-29-3	98
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	97
3	o,p'-DDT	352	C14H9Cl5	000789-02-6	96
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	96
5	o,p'-DDT	352	C14H9Cl5	000789-02-6	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
Data File : BM036389.D
Acq On : 23 Aug 2022 13:57
Operator : CG/JU
Sample : N4181-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3C27

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.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
Benzene, 1,3-di...	7.675	35.6	ng/ul	2693980	1	7.793	1515370	20.0
Propane, 1,1'-o...	8.381	5.6	ng/ul	422512	1	7.793	1515370	20.0
Benzene, 1,2,4-...	10.457	19.3	ng/ul	2226190	2	10.592	2312220	20.0
Resorcinol	11.675	35.7	ng/ul	4126960	2	10.592	2312220	20.0
unknown-01	12.386	2.9	ng/ul	332666	2	10.592	2312220	20.0
unknown-02	17.762	2.7	ng/ul	372089	4	17.180	2779080	20.0
Malathion	18.198	14.0	ng/ul	1943420	4	17.180	2779080	20.0
p,p'-DDT	20.656	27.8	ng/ul	3533940	5	21.362	2539410	20.0