LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
Data File : BM037312.D
Acq On : 02 Nov 2022 11:36
Operator : CG/JU
Sample : N5301-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXC2

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-BM110122.M
Title : SVOA CALIBRATION

Signal : TIC: BM037312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	27	32	36	rBV	88493	117291	1.24%	0.057%
2	3.693	101	103	113	rBV	1227273	1732187	18.38%	0.837%
3	3.775	113	117	138	rVV	90234	378030	4.01%	0.183%
4	3.922	138	142	145	rVV	22027	39706	0.42%	0.019%
5	3.957	145	148	153	rVV	32219	43097	0.46%	0.021%
6	4.016	153	158	164	rVB	34395	49587	0.53%	0.024%
7	4.745	279	282	290	rBV	21732	33487	0.36%	0.016%
8	4.863	297	302	307	rVB3	9094	15818	0.17%	0.008%
9	4.940	311	315	319	rVV4	8176	11438	0.12%	0.006%
10	5.157	348	352	355	rVB3	7064	9927	0.11%	0.005%
11	5.210	356	361	365	rVB	12123	17582	0.19%	0.008%
12	5.275	368	372	377	rVB2	14904	19928	0.21%	0.010%
13	5.845	465	469	474	rBV7	5928	10134	0.11%	0.005%
14	5.981	487	492	498	rBV	20349	35843	0.38%	0.017%
15	6.340	548	553	562	rBV	21203	47098	0.50%	0.023%
16	7.022	662	669	688	rVB	1477923	2354670	24.98%	1.138%
17	7.192	691	698	707	rVV	1266081	1972084	20.92%	0.953%
18	7.281	707	713	724	rVV	756948	1127441	11.96%	0.545%
19	7.381	724	730	740	rVV	1490157	2354687	24.98%	1.138%
20	7.457	740	743	753	rVB2	28884	50957	0.54%	0.025%
21	7.739	783	791	801	rBV	2178638	3269056	34.68%	1.580%
22	7.851	801	810	826	rVB	1282213	2027264	21.51%	0.980%
23	8.439	906	910	919	rVB	305526	480156	5.09%	0.232%
24	8.569	925	932	937	rBV	1995736	3104052	32.93%	1.501%
25	8.628	937	942	962	rVB	2985760	4606131	48.87%	2.227%
26	8.928	986	993	1002	rBV	2833027	4410498	46.79%	2.132%
27	9.022	1002	1009	1013	rBV	1528094	2514212	26.67%	1.215%
28	9.063	1013	1016	1025	rVB	880669	1355426	14.38%	0.655%
29	9.745	1124	1132	1134	rBV	1237642	2103927	22.32%	1.017%
30	9.775	1134	1137	1142	rVV	1555854	2280080	24.19%	1.102%
31	9.833	1142	1147	1166	rVB	1927287	3025555	32.10%	1.463%
32	10.075	1182	1188	1198	rVB	1008583	1536142	16.30%	0.743%
33	10.280	1215	1223	1225	rBV	1971948	3368687	35.74%	1.629%
34	10.439	1245	1250	1254	rVB4	19892	30831	0.33%	0.015%
35	10.516	1255	1263	1272	rVB	1779085	2823831	29.96%	1.365%
36	10.651	1278	1286	1294	rBV	1818110	3090299	32.78%	1.494%

LSC Area Percent Report

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Data File : BM037312.D
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Operator : CG/JU
Sample : N5301-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXC2

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-BM110122.M
Title : SVOA CALIBRATION

37	10.827	1304	1316	1338	rBV2	3537424	9104129	96.58%	4.401%
38	11.045	1347	1353	1359	rVB3	11500	22421	0.24%	0.011%
39	11.480	1421	1427	1436	rVB4	5491	18132	0.19%	0.009%
40	11.722	1458	1468	1495	rBV	2901279	5305712	56.29%	2.565%
41	12.139	1533	1539	1544	rBV6	11039	17982	0.19%	0.009%
42	12.210	1544	1551	1553	rVV8	9675	16976	0.18%	0.008%
43	12.239	1553	1556	1562	rVB	33217	48642	0.52%	0.024%
44	12.316	1562	1569	1580	rBV	2755297	4211345	44.68%	2.036%
45	12.445	1585	1591	1599	rVV2	60780	147876	1.57%	0.071%
46	12.533	1601	1606	1617	rVV	82286	166917	1.77%	0.081%
47	12.651	1620	1626	1637	rVV	2938925	4329177	45.93%	2.093%
48	12.739	1637	1641	1649	rVV	19701	30534	0.32%	0.015%
49	12.810	1649	1653	1664	rVB5	10808	31887	0.34%	0.015%
50	12.927	1664	1673	1683	rBV	1335193	2034960	21.59%	0.984%
51	13.368	1739	1748	1758	rVV	1592566	2307917	24.48%	1.116%
52	13.457	1760	1763	1768	rVB3	6555	9922	0.11%	0.005%
53	13.586	1773	1785	1797	rBV	3745586	5550480	58.88%	2.683%
54	13.668	1797	1799	1806	rVB6	14834	23229	0.25%	0.011%
55	13.751	1809	1813	1818	rBV5	10657	20619	0.22%	0.010%
56	13.910	1832	1840	1844	rBV	3629246	4994286	52.98%	2.414%
57	13.957	1844	1848	1855	rVB	3507393	4463389	47.35%	2.158%
58	14.080	1862	1869	1876	rBV	1014442	1349663	14.32%	0.652%
59	14.186	1880	1887	1902	rVB	4301240	6079346	64.49%	2.939%
60	14.415	1919	1926	1933	rBV	3643314	5442897	57.74%	2.631%
61	14.492	1933	1939	1950	rVB	2926039	4232735	44.90%	2.046%
62	14.615	1952	1960	1969	rBV	2789912	3945570	41.86%	1.907%
63	14.721	1969	1978	1992	rVV3	4064091	7667354	81.34%	3.707%
64	14.939	2007	2015	2021	rVB4	99358	187492	1.99%	0.091%
65	15.139	2042	2049	2057	rVB8	23130	55319	0.59%	0.027%
66	15.257	2064	2069	2074	rBV6	9996	18606	0.20%	0.009%
67	15.304	2074	2077	2083	rVB3	18136	27098	0.29%	0.013%
68	15.480	2100	2107	2112	rBV	5561358	7543937	80.03%	3.647%
69	15.533	2112	2116	2119	rVV	1759669	2400260	25.46%	1.160%
70	15.574	2119	2123	2126	rVV	2218908	3276639	34.76%	1.584%
71	15.621	2126	2131	2144	rVV2	4320600	7660696	81.27%	3.703%
72	15.715	2145	2147	2154	rVB	29769	45342	0.48%	0.022%
73	15.851	2167	2170	2173	rBV4	8886	11694	0.12%	0.006%
74	16.127	2212	2217	2222	rBV	63191	85352	0.91%	0.041%
75	16.374	2254	2259	2261	rBV6	6499	10016	0.11%	0.005%
76	16.421	2261	2267	2279	rVV	6702334	8833879	93.72%	4.271%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5301-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXC2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : SVOA CALIBRATION

77	16.521	2279	2284	2287	rVV6	5678	10775	0.11%	0.005%
78	16.686	2308	2312	2316	rBV6	7848	11885	0.13%	0.006%
79	16.909	2345	2350	2356	rVB8	10656	15766	0.17%	0.008%
80	16.980	2358	2362	2365	rBV5	6270	10709	0.11%	0.005%
81	17.145	2384	2390	2395	rBV9	6320	15426	0.16%	0.007%
82	17.233	2398	2405	2414	rBV	3355677	4738033	50.26%	2.290%
83	17.327	2415	2421	2432	rBV	5853111	8079846	85.72%	3.906%
84	17.803	2497	2502	2509	rBV	400536	532150	5.65%	0.257%
85	17.868	2510	2513	2516	rBV5	16786	21168	0.22%	0.010%
86	18.239	2571	2576	2585	rVB	2849123	3439599	36.49%	1.663%
87	18.809	2668	2673	2682	rBV3	64927	98805	1.05%	0.048%
88	19.186	2732	2737	2742	rBV	63783	95083	1.01%	0.046%
89	19.256	2745	2749	2755	rVV	53977	83305	0.88%	0.040%
90	19.615	2805	2810	2827	rBV	6988744	9426235	100.00%	4.557%
91	20.609	2976	2979	2984	rBV	74356	81805	0.87%	0.040%
92	20.697	2989	2994	3000	rBV	6773406	7603993	80.67%	3.676%
93	21.327	3096	3101	3108	rBV	2973210	3557035	37.74%	1.720%
94	21.403	3109	3114	3126	rVV	3989413	4953102	52.55%	2.394%
95	23.603	3481	3488	3501	rVB	3980716	7843050	83.20%	3.792%
96	23.750	3507	3513	3522	rVB2	2141110	4061769	43.09%	1.964%

Sum of corrected areas: 206857105

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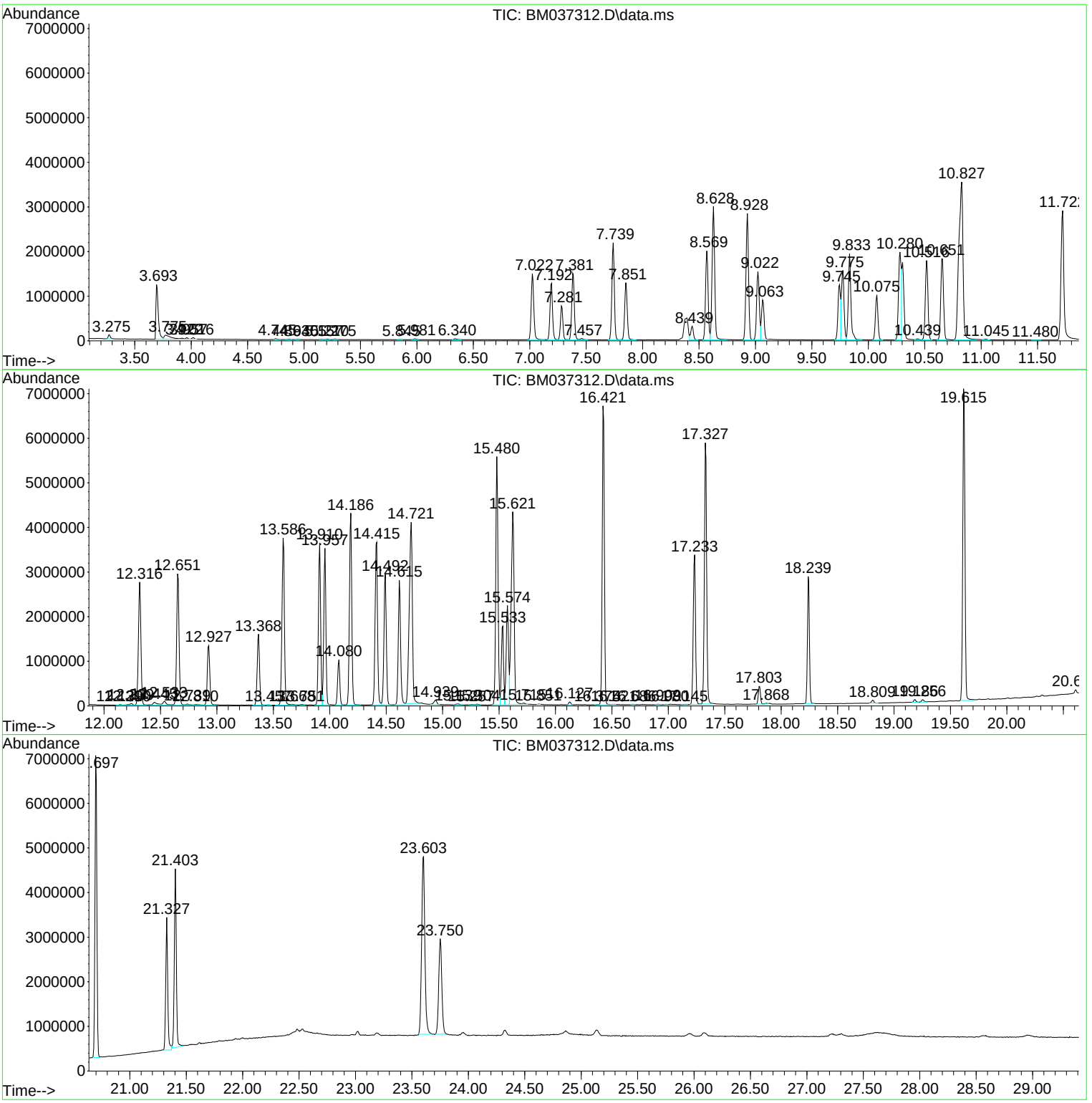
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
Data File : BM037312.D
Acq On : 02 Nov 2022 11:36
Operator : CG/JU
Sample : N5301-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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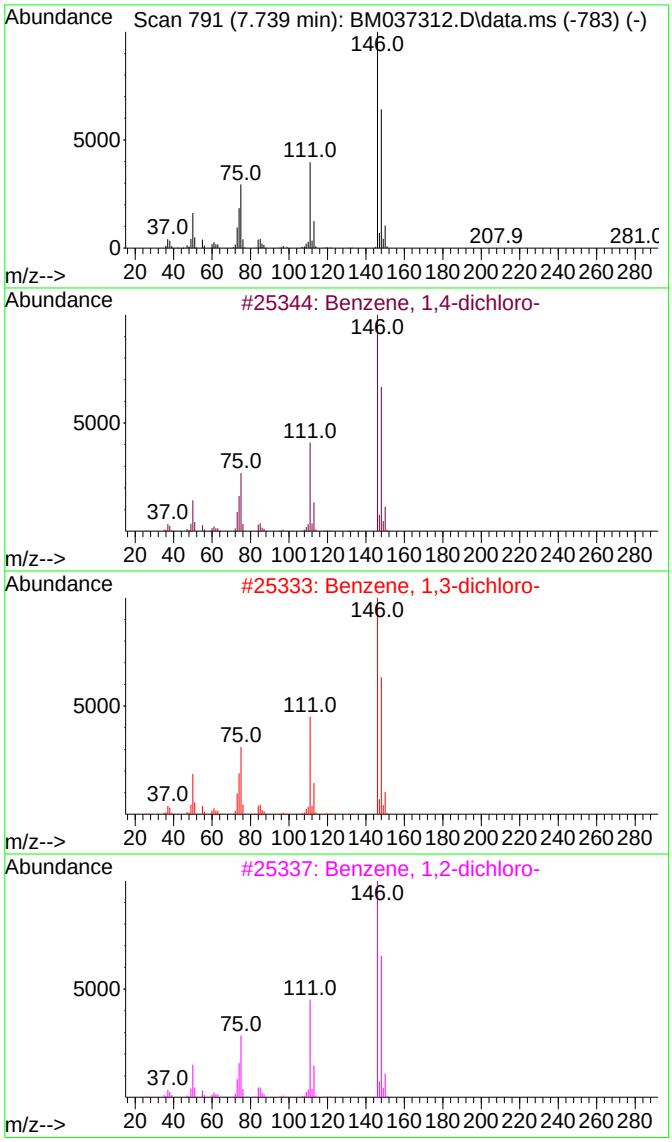
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION

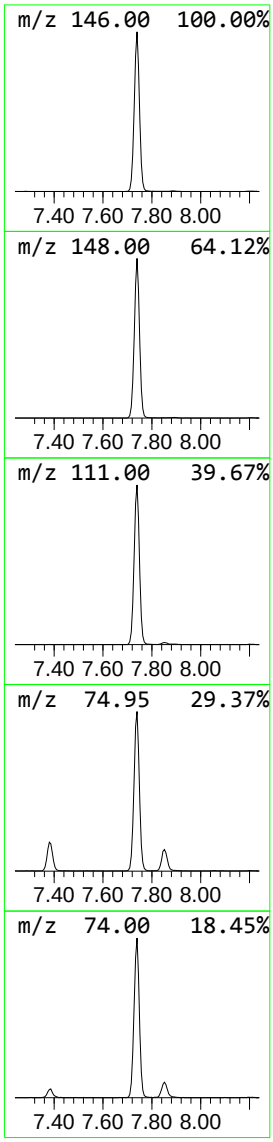
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,4-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.739	32.25 ng/ul	3269060	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
4	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
Data File : BM037312.D
Acq On : 02 Nov 2022 11:36
Operator : CG/JU
Sample : N5301-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXC2

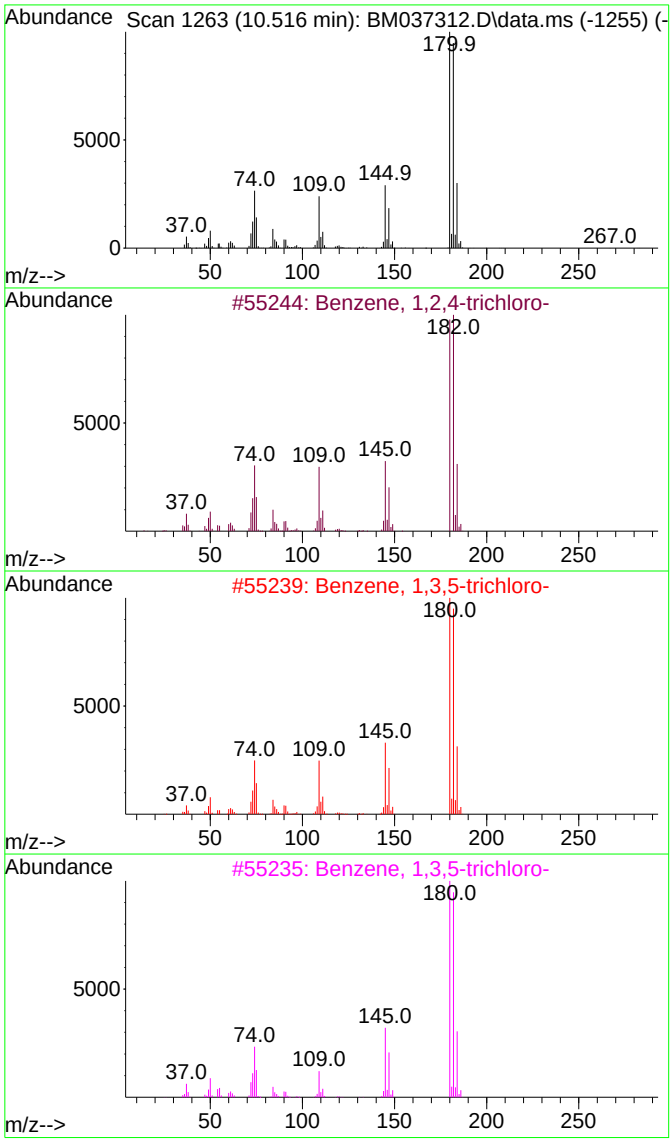
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION

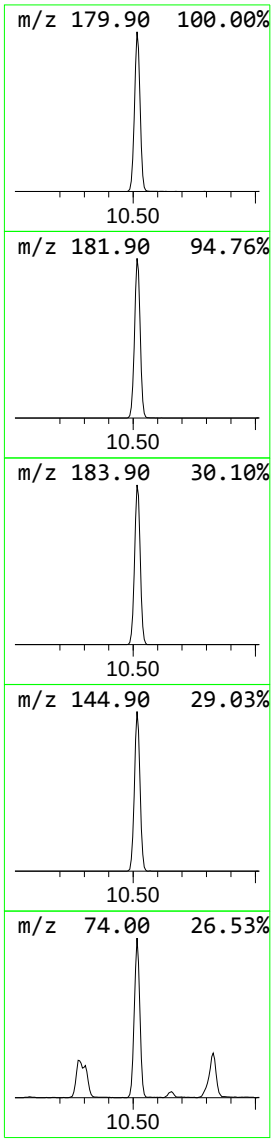
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	18.28 ng/ul	2823830	Naphthalene-d8	10.651

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, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
Data File : BM037312.D
Acq On : 02 Nov 2022 11:36
Operator : CG/JU
Sample : N5301-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION

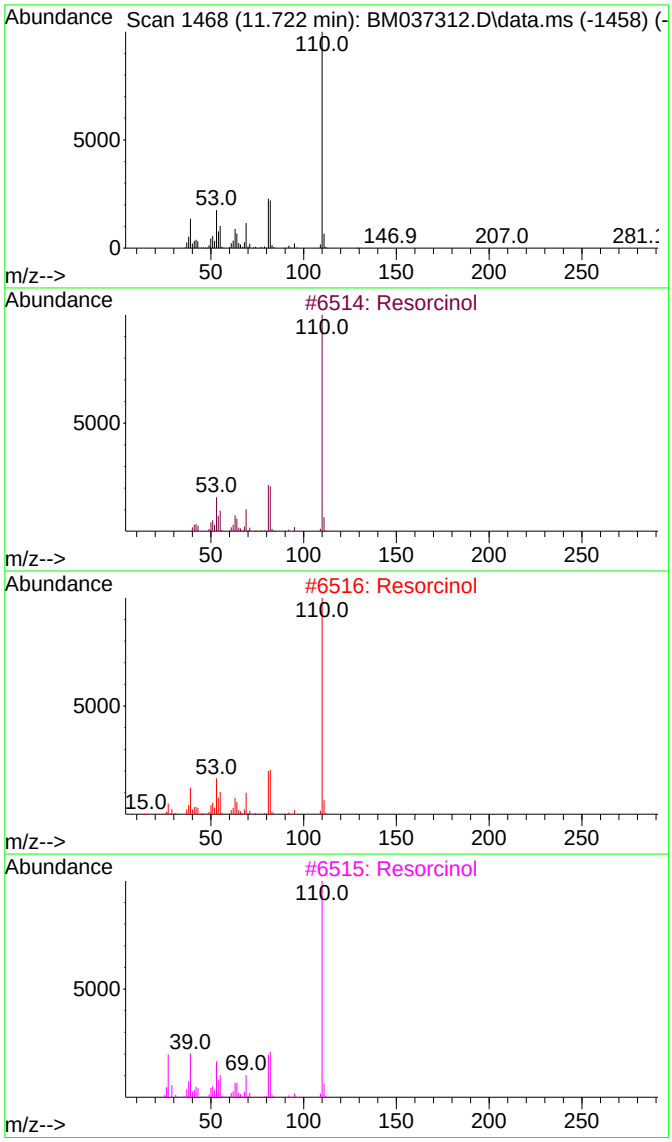
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

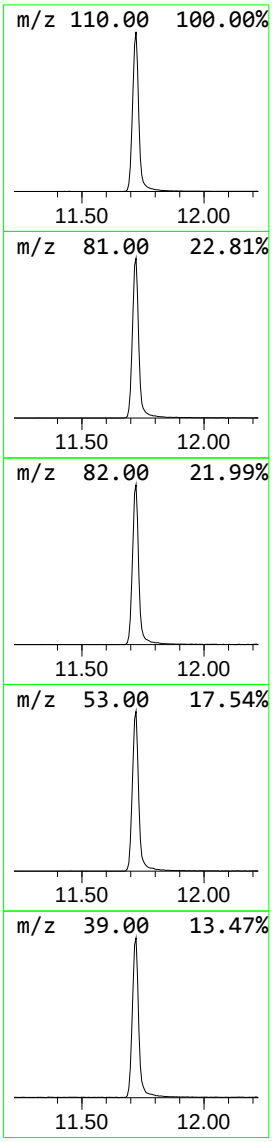
****

Peak Number 4 Resorcinol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	34.34 ng/ul	5305710	Naphthalene-d8	10.651

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	72





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION

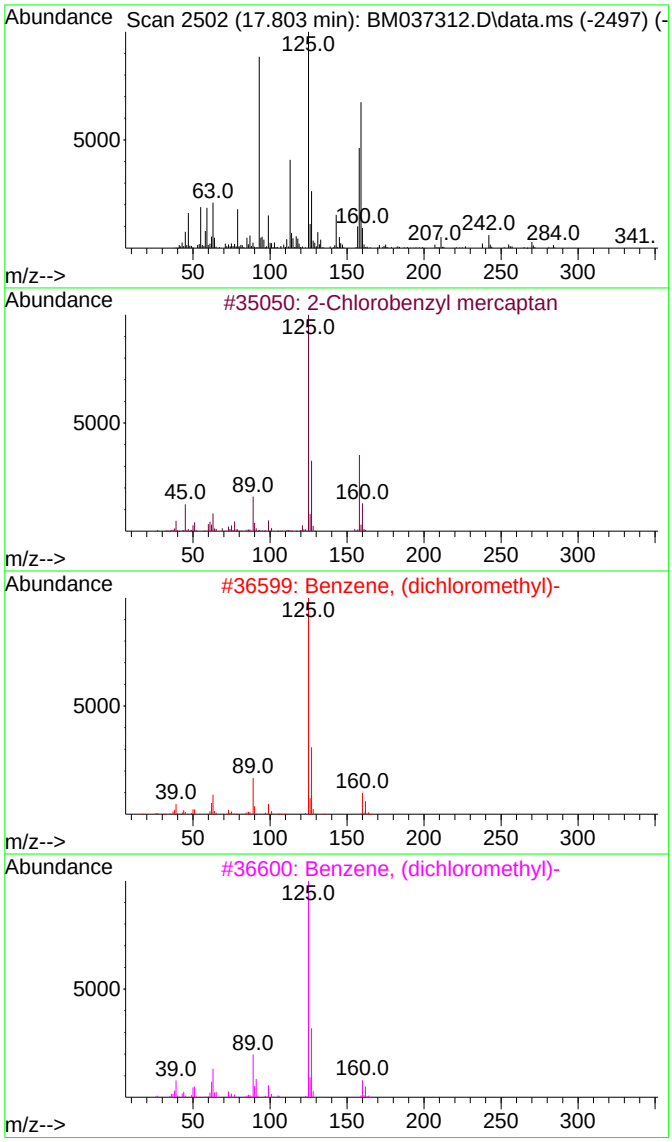
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

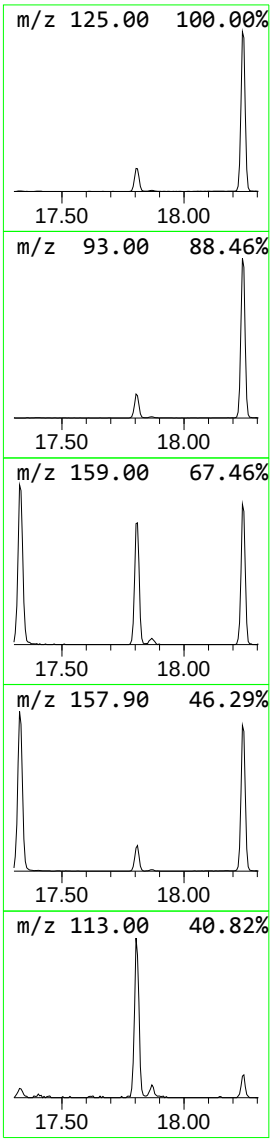
****

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	2.25 ng/ul	532150	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chlorobenzyl mercaptan	158	C7H7ClS	039718-00-8	27
2	Benzene, (dichloromethyl)-	160	C7H6Cl2	000098-87-3	18
3	Benzene, (dichloromethyl)-	160	C7H6Cl2	000098-87-3	18
4	2-Chlorobenzyl mercaptan	158	C7H7ClS	039718-00-8	16
5	Glutaric acid, 2-fluorophenyl 4-...	350	C18H16ClFO4	1000391-72-8	14





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Data File : BM037312.D
Acq On : 02 Nov 2022 11:36
Operator : CG/JU
Sample : N5301-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION

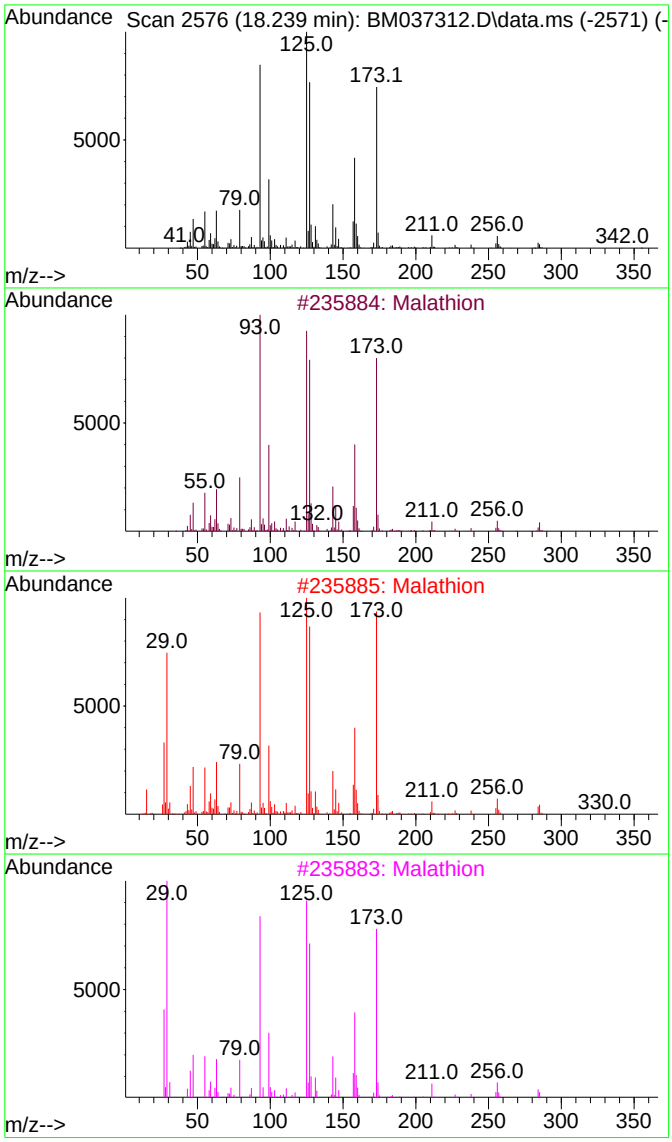
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

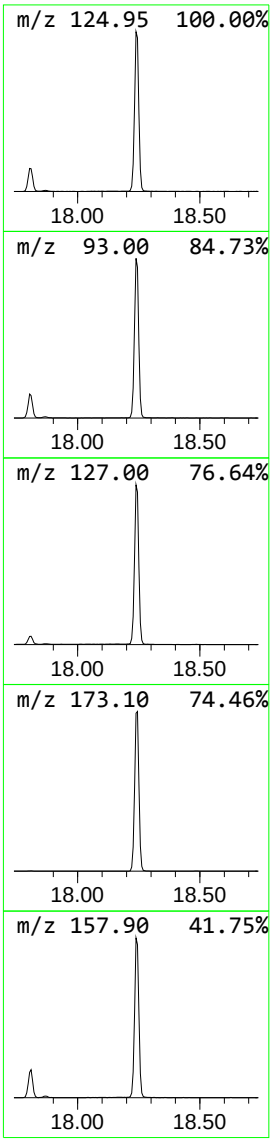
****

Peak Number 6 Malathion Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	14.52 ng/ul	3439600	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malathion	330	C10H19O6PS2	000121-75-5	93
2	Malathion	330	C10H19O6PS2	000121-75-5	91
3	Malathion	330	C10H19O6PS2	000121-75-5	91
4	Malathion	330	C10H19O6PS2	000121-75-5	87
5	Malathion	330	C10H19O6PS2	000121-75-5	87





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Data File : BM037312.D
Acq On : 02 Nov 2022 11:36
Operator : CG/JU
Sample : N5301-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION

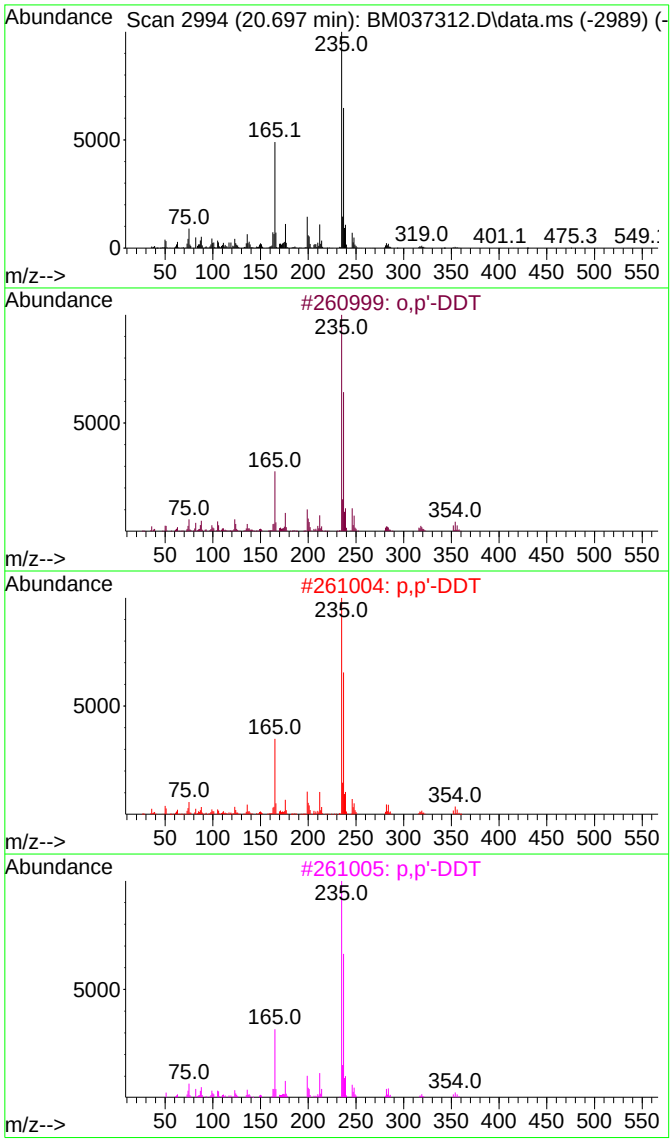
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

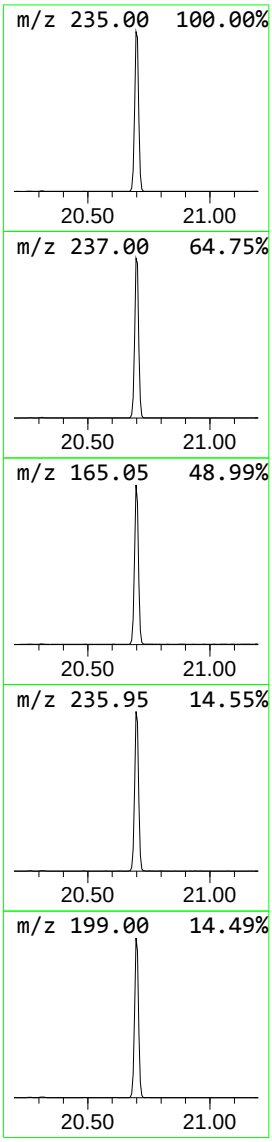
****

Peak Number 7 o,p'-DDT Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.697	30.70 ng/ul	7603990	Chrysene-d12	21.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o,p'-DDT	352	C14H9Cl5	000789-02-6	98
2	p,p'-DDT	352	C14H9Cl5	000050-29-3	96
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	93
4	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93
5	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
Data File : BM037312.D
Acq On : 02 Nov 2022 11:36
Operator : CG/JU
Sample : N5301-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.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, 1,4-di...	7.739	32.3	ng/ul	3269060	1	7.851	2027260	20.0
Benzene, 1,2,4-...	10.516	18.3	ng/ul	2823830	2	10.651	3090300	20.0
Resorcinol	11.722	34.3	ng/ul	5305710	2	10.651	3090300	20.0
unknown-01	17.804	2.3	ng/ul	532150	4	17.233	4738030	20.0
Malathion	18.239	14.5	ng/ul	3439600	4	17.233	4738030	20.0
o,p'-DDT	20.697	30.7	ng/ul	7603990	5	21.403	4953100	20.0