LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014476.D
Acq On : 01 Apr 2023 09:59
Operator : CG/JU
Sample : 02158-02
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-7D(20230329)

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_P\Methods\SFAM-EPA-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014476.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	31	34	37	rBV	40801	52488	0.51%	0.075%
2	3.423	37	40	48	rVB	117167	154562	1.49%	0.220%
3	3.828	107	109	126	rBV	120472	219091	2.11%	0.312%
4	4.034	139	144	150	rBV2	20113	33259	0.32%	0.047%
5	4.140	158	162	173	rVB2	17293	31518	0.30%	0.045%
6	4.252	175	181	185	rBV6	11840	18470	0.18%	0.026%
7	4.552	228	232	243	rVB2	26747	46860	0.45%	0.067%
8	5.075	315	321	326	rBV	15856	26102	0.25%	0.037%
9	5.293	351	358	368	rVB	539499	836905	8.06%	1.191%
10	5.928	461	466	473	rVB3	8899	15520	0.15%	0.022%
11	6.387	540	544	551	rVB3	10426	17717	0.17%	0.025%
12	6.711	595	599	606	rBV	17580	30941	0.30%	0.044%
13	7.181	674	679	691	rBV	223262	412085	3.97%	0.586%
14	7.334	699	705	717	rBV	765697	1207101	11.63%	1.718%
15	7.428	717	721	727	rVB	16558	27348	0.26%	0.039%
16	7.540	733	740	747	rBV	804520	1302460	12.55%	1.853%
17	7.593	747	749	755	rVB	41583	64024	0.62%	0.091%
18	7.893	794	800	811	rVB	1261652	2028248	19.54%	2.886%
19	8.011	813	820	821	rVV	644831	887079	8.55%	1.262%
20	8.046	821	826	841	rVB	6586544	10377785	100.00%	14.767%
21	8.363	871	880	890	rVB	89502	161493	1.56%	0.230%
22	8.734	933	943	956	rBV	661171	1161502	11.19%	1.653%
23	9.122	1001	1009	1013	rBV6	8307	15298	0.15%	0.022%
24	9.187	1013	1020	1037	rVV	1005718	1684795	16.23%	2.397%
25	9.434	1057	1062	1069	rVB	5800	12347	0.12%	0.018%
26	9.522	1069	1077	1081	rBV2	39042	73407	0.71%	0.104%
27	9.646	1093	1098	1108	rVB5	11591	24873	0.24%	0.035%
28	9.910	1136	1143	1154	rBV	835079	1453284	14.00%	2.068%
29	10.157	1180	1185	1189	rBV2	34331	47342	0.46%	0.067%
30	10.334	1210	1215	1219	rVB3	8553	11834	0.11%	0.017%
31	10.463	1229	1237	1247	rBV	1092527	2090154	20.14%	2.974%
32	10.693	1272	1276	1284	rVB4	15389	26103	0.25%	0.037%
33	10.834	1292	1300	1315	rVB	953046	1653716	15.94%	2.353%
34	10.981	1318	1325	1339	rBV	749041	1505313	14.51%	2.142%
35	11.516	1410	1416	1420	rBV5	11814	22839	0.22%	0.032%
36	11.657	1437	1440	1447	rBV9	5074	12098	0.12%	0.017%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02158-02
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-7D(20230329)

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_P\Methods\SFAM-EPA-BP032823.M
Title : SVOA CALIBRATION

37	11.810	1460	1466	1480	rBV2	46568	131923	1.27%	0.188%
38	12.046	1500	1506	1512	rBV10	7452	16837	0.16%	0.024%
39	12.234	1534	1538	1543	rVB8	9843	15433	0.15%	0.022%
40	12.422	1565	1570	1579	rVB3	20171	38725	0.37%	0.055%
41	12.857	1638	1644	1648	rBV9	9002	16967	0.16%	0.024%
42	13.463	1743	1747	1752	rVB6	7224	11786	0.11%	0.017%
43	13.540	1755	1760	1767	rBV9	9266	17686	0.17%	0.025%
44	13.646	1772	1778	1783	rBV9	10294	20503	0.20%	0.029%
45	13.751	1791	1796	1803	rVB8	10775	21944	0.21%	0.031%
46	14.069	1839	1850	1864	rBV	2410352	3507714	33.80%	4.991%
47	14.210	1872	1874	1880	rVB7	8297	12191	0.12%	0.017%
48	14.281	1880	1886	1892	rBV	43386	71713	0.69%	0.102%
49	14.357	1892	1899	1907	rBV	2623212	3937903	37.95%	5.604%
50	14.469	1914	1918	1926	rVB	23584	37558	0.36%	0.053%
51	14.575	1932	1936	1942	rVB	150324	205437	1.98%	0.292%
52	14.663	1945	1951	1960	rVV	1601654	2313387	22.29%	3.292%
53	14.763	1964	1968	1973	rVV4	9578	21115	0.20%	0.030%
54	14.822	1973	1978	1984	rVB2	30990	47472	0.46%	0.068%
55	14.922	1989	1995	2004	rBV2	103223	269849	2.60%	0.384%
56	15.075	2017	2021	2033	rVB8	27136	67028	0.65%	0.095%
57	15.222	2040	2046	2057	rBV	447542	683937	6.59%	0.973%
58	15.404	2068	2077	2086	rVB2	218933	347797	3.35%	0.495%
59	15.598	2105	2110	2114	rBV8	6863	12380	0.12%	0.018%
60	15.663	2114	2121	2136	rVB	3449134	4944888	47.65%	7.037%
61	15.787	2136	2142	2158	rBV	1104412	1652582	15.92%	2.352%
62	15.898	2158	2161	2168	rVB3	20535	29385	0.28%	0.042%
63	16.028	2177	2183	2189	rVB	30649	48031	0.46%	0.068%
64	16.328	2231	2234	2236	rBV4	10271	13904	0.13%	0.020%
65	16.816	2314	2317	2321	rBV6	13035	20045	0.19%	0.029%
66	17.351	2404	2408	2411	rVB5	20690	23951	0.23%	0.034%
67	17.428	2415	2421	2428	rBV	2026963	2789654	26.88%	3.970%
68	17.528	2431	2438	2447	rBV	3805387	5451554	52.53%	7.758%
69	17.934	2503	2507	2513	rVB3	17830	26744	0.26%	0.038%
70	18.292	2563	2568	2578	rBV2	125739	226455	2.18%	0.322%
71	19.333	2741	2745	2749	rBV	52909	72782	0.70%	0.104%
72	19.404	2754	2757	2763	rVB	49896	75186	0.72%	0.107%
73	19.522	2774	2777	2782	rBV4	57029	81712	0.79%	0.116%
74	19.757	2811	2817	2823	rBV	4682943	6008821	57.90%	8.550%
75	21.516	3111	3116	3124	rBV	1852284	2449646	23.60%	3.486%
76	23.869	3509	3516	3527	rVB2	2356852	4666833	44.97%	6.641%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014476.D
Acq On : 01 Apr 2023 09:59
Operator : CG/JU
Sample : 02158-02
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-7D(20230329)

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Title : SVOA CALIBRATION

77	24.033	3538	3544	3554	rVB2	991463	2119191	20.42%	3.016%

Sum of corrected areas: 70274610

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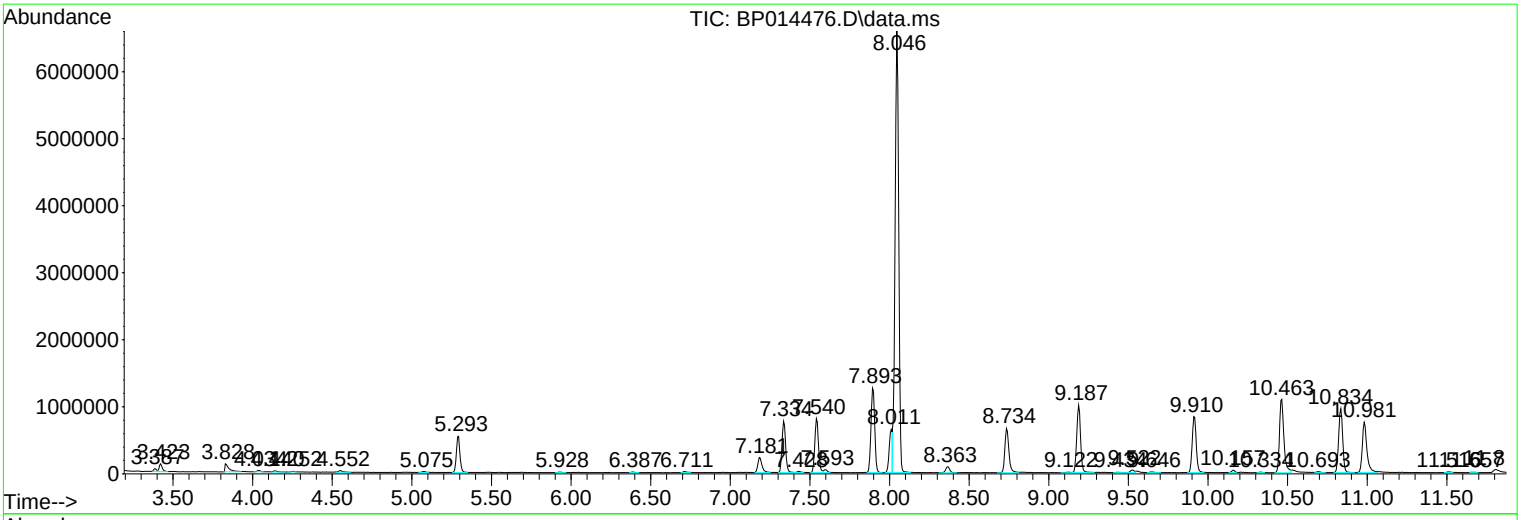
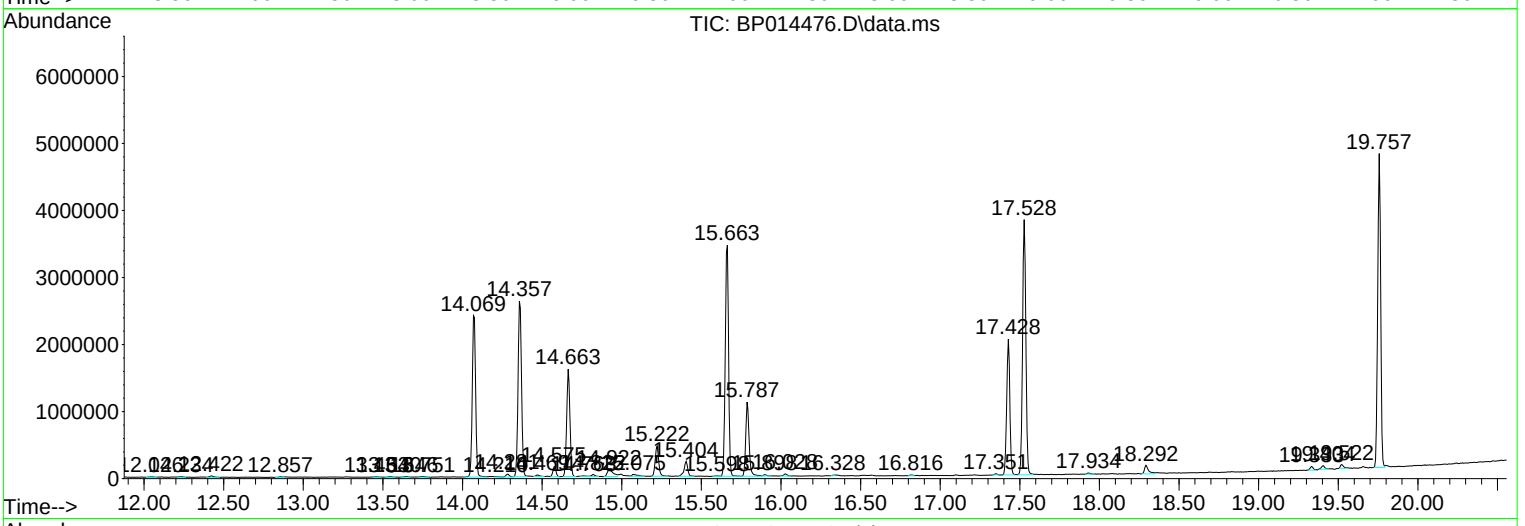
Operator : CG/JU
Sample : 02158-02
Misc :
ALS Vial : 86 Sample Multiplier: 1

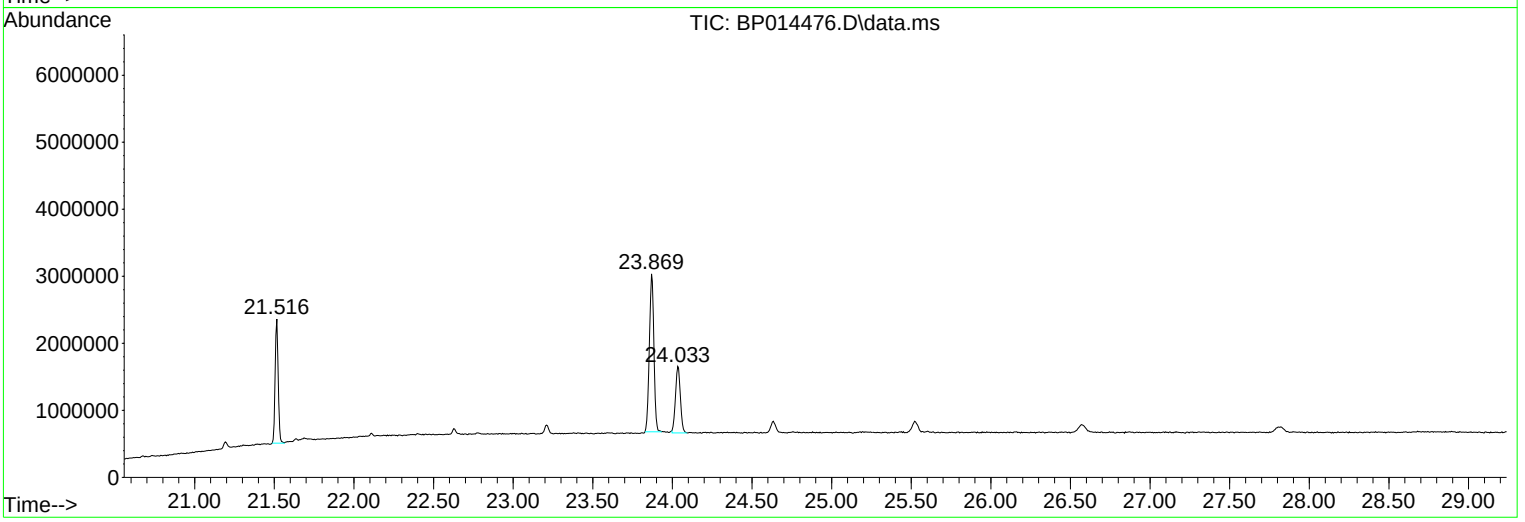
Instrument :
BNA_P
ClientSampleId :
PMW-7D(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014476.D
Acq On : 01 Apr 2023 09:59
Operator : CG/JU
Sample : 02158-02
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-7D(20230329)

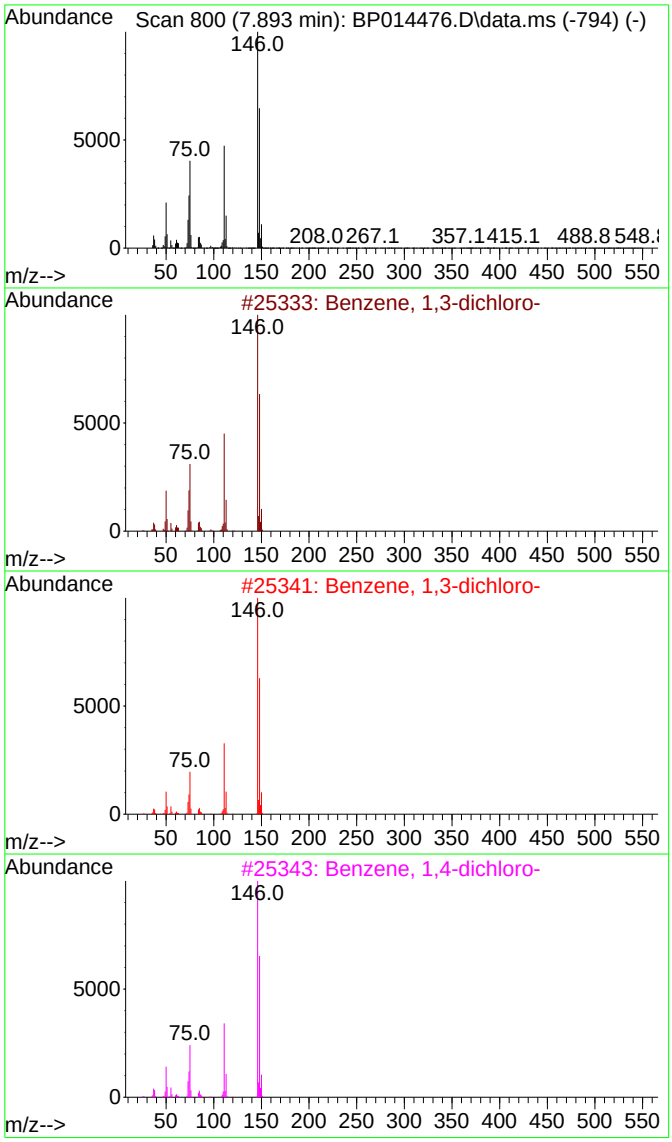
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

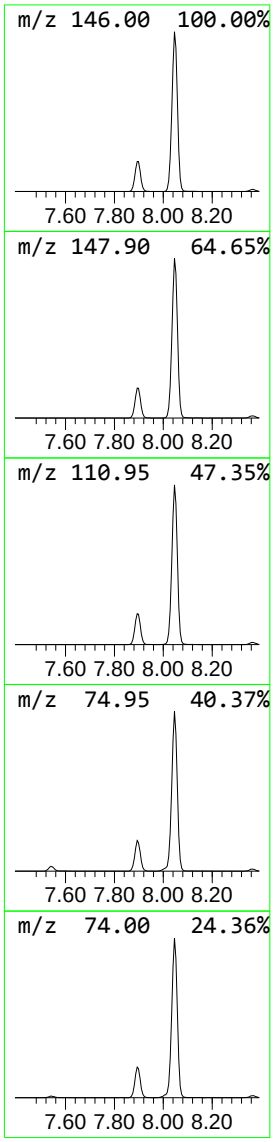
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.893	45.73 ng/ul	2028250	1,4-Dichlorobenzene-d4	8.011

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014476.D
Acq On : 01 Apr 2023 09:59
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Sample : 02158-02
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-7D(20230329)

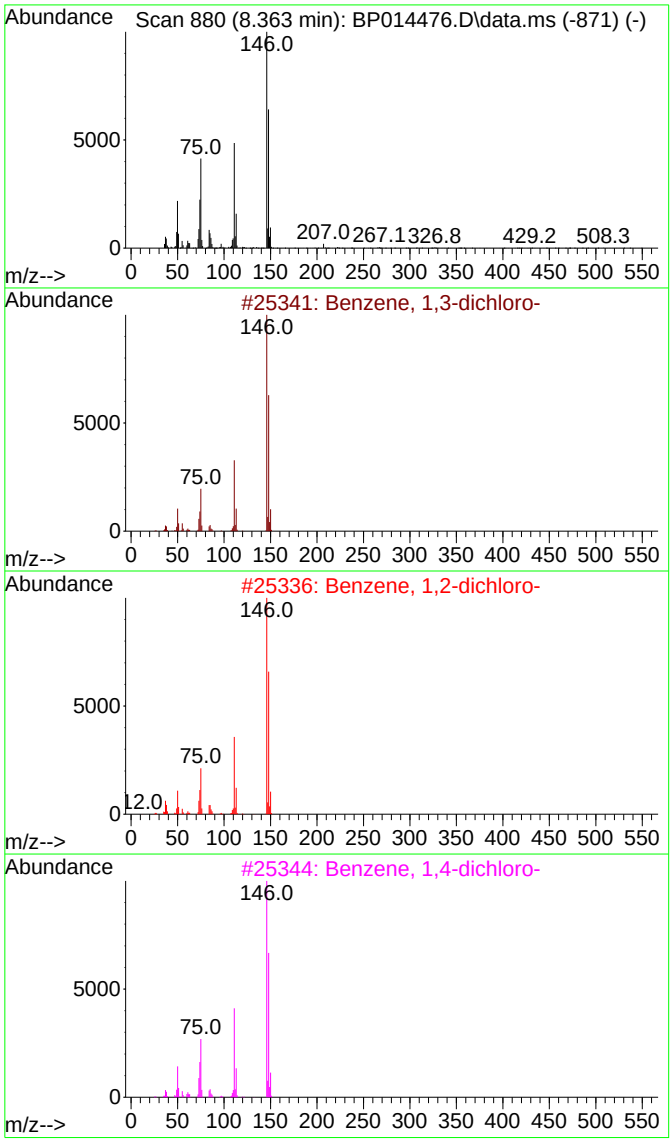
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

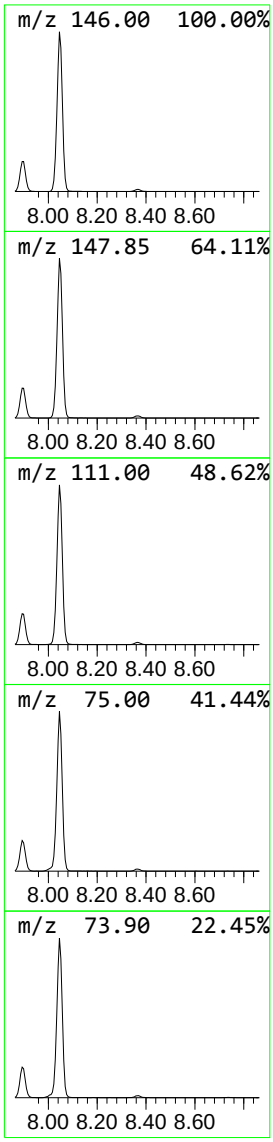
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	3.64 ng/ul	161493	1,4-Dichlorobenzene-d4	8.011

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
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Acq On : 01 Apr 2023 09:59
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Sample : 02158-02
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Instrument :
BNA_P
ClientSampleId :
PMW-7D(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

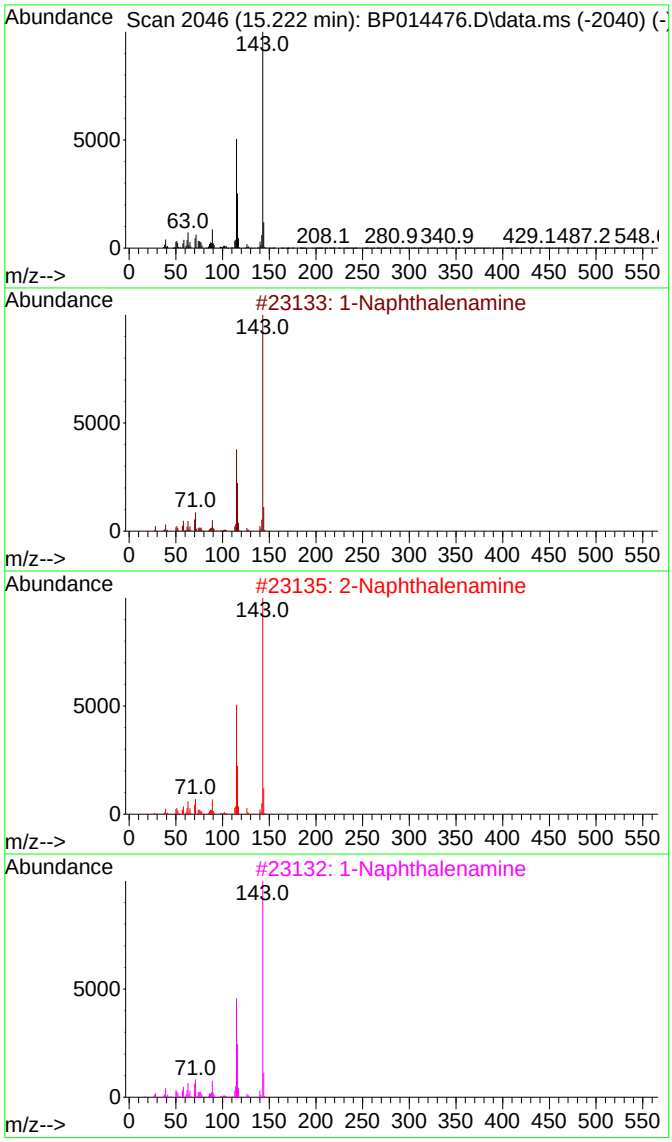
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

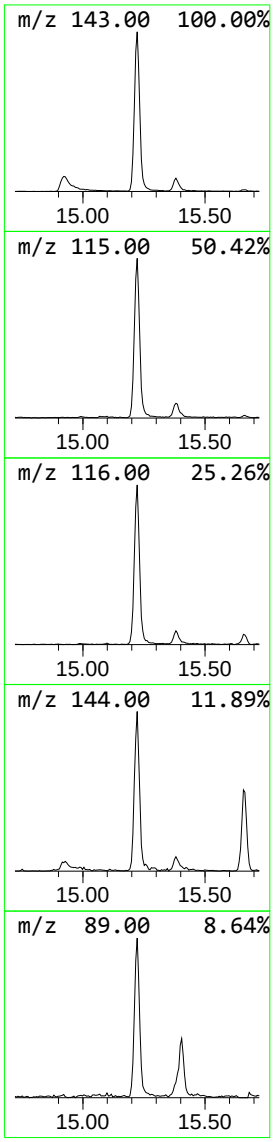
****

Peak Number 4 1-Naphthalenamine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.222	5.91 ng/ul	683937	Acenaphthene-d10	14.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine	143	C10H9N	000134-32-7	97
2	2-Naphthalenamine	143	C10H9N	000091-59-8	97
3	1-Naphthalenamine	143	C10H9N	000134-32-7	97
4	2-Naphthalenamine	143	C10H9N	000091-59-8	95
5	1-Naphthalenamine	143	C10H9N	000134-32-7	94





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Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-7D(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

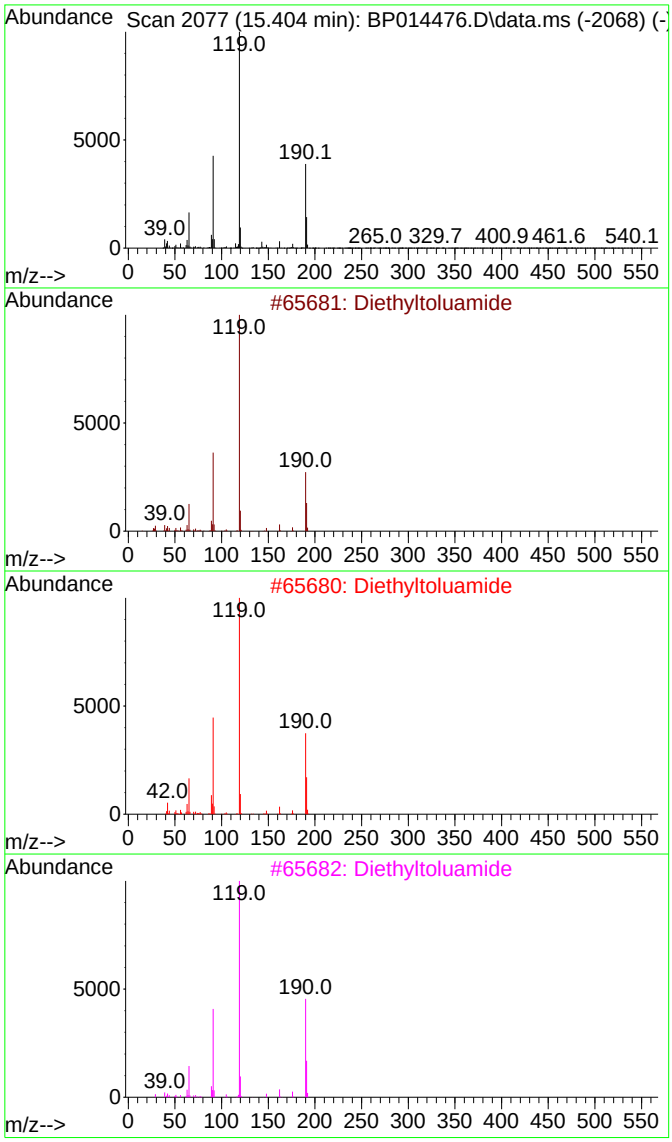
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

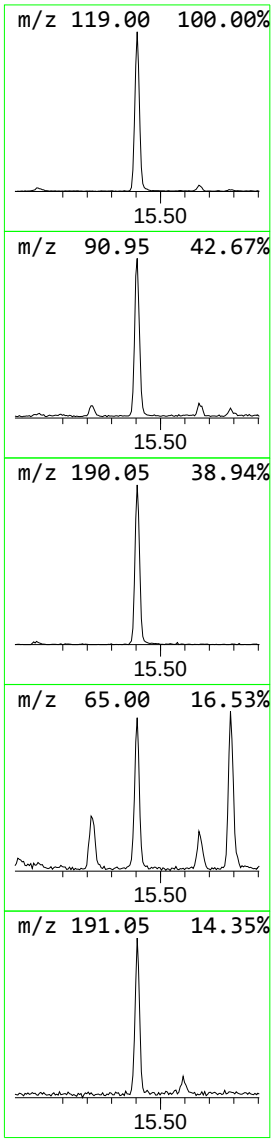
****

Peak Number 5 Diethyltoluamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	3.01 ng/ul	347797	Acenaphthene-d10	14.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	96
3	Diethyltoluamide	191	C12H17NO	000134-62-3	94
4	Diethyltoluamide	191	C12H17NO	000134-62-3	87
5	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014476.D
Acq On : 01 Apr 2023 09:59
Operator : CG/JU
Sample : 02158-02
Misc :
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Instrument :
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ClientSampleId :
PMW-7D(20230329)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.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...	7.893	45.7	ng/ul	2028250	1	8.011	887079	20.0
Benzene, 1,2-di...	8.363	3.6	ng/ul	161493	1	8.011	887079	20.0
1-Naphthalenamine	15.222	5.9	ng/ul	683937	3	14.663	2313390	20.0
Diethyltoluamide	15.404	3.0	ng/ul	347797	3	14.663	2313390	20.0