LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014518.D
Acq On : 04 Apr 2023 09:15
Operator : CG/JU
Sample : 02158-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-2(20230330)

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: BP014518.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	22	27	36	rBV	1418314	2051000	33.18%	4.976%
2	3.417	36	39	51	rVB	311585	400082	6.47%	0.971%
3	3.828	107	109	123	rBV	86624	161282	2.61%	0.391%
4	4.034	140	144	149	rVB2	14952	23142	0.37%	0.056%
5	4.134	158	161	166	rVB	12366	15884	0.26%	0.039%
6	4.246	177	180	187	rVB5	14038	18973	0.31%	0.046%
7	5.070	314	320	330	rBV	14341	26717	0.43%	0.065%
8	5.287	351	357	363	rBV	85241	131262	2.12%	0.318%
9	6.087	489	493	497	rVB6	4581	6527	0.11%	0.016%
10	6.334	531	535	539	rBV3	16915	25015	0.40%	0.061%
11	6.381	539	543	550	rVB6	9654	16964	0.27%	0.041%
12	6.722	596	601	604	rBV7	4181	6992	0.11%	0.017%
13	7.175	669	678	689	rBV	121809	252732	4.09%	0.613%
14	7.328	698	704	716	rBV	466695	733410	11.87%	1.779%
15	7.534	732	739	745	rBV	471934	777932	12.59%	1.887%
16	7.587	745	748	756	rVB	74494	122253	1.98%	0.297%
17	7.893	794	800	807	rBV	52688	90511	1.46%	0.220%
18	8.005	810	819	823	rVV	524836	932522	15.09%	2.263%
19	8.034	823	824	834	rVV	173872	225769	3.65%	0.548%
20	8.116	834	838	845	rVB4	15893	28059	0.45%	0.068%
21	8.363	874	880	885	rBV9	7106	15177	0.25%	0.037%
22	8.728	934	942	955	rBV2	352811	681572	11.03%	1.654%
23	9.010	986	990	998	rBV3	9880	15647	0.25%	0.038%
24	9.181	1011	1019	1033	rBV	553002	952696	15.41%	2.312%
25	9.546	1077	1081	1089	rVB6	7459	14225	0.23%	0.035%
26	9.852	1127	1133	1136	rBV7	7311	13377	0.22%	0.032%
27	9.905	1136	1142	1155	rVV	443315	774782	12.53%	1.880%
28	10.052	1165	1167	1175	rVB9	2919	6320	0.10%	0.015%
29	10.328	1206	1214	1217	rBV9	6531	12836	0.21%	0.031%
30	10.457	1226	1236	1260	rBV	497655	1116703	18.07%	2.709%
31	10.687	1269	1275	1284	rVB	54260	94599	1.53%	0.230%
32	10.822	1291	1298	1306	rBV	696953	1201444	19.44%	2.915%
33	10.975	1316	1324	1341	rBV	325553	722460	11.69%	1.753%
34	11.463	1403	1407	1411	rVV7	5187	7407	0.12%	0.018%
35	11.510	1411	1415	1422	rVV10	5126	12656	0.20%	0.031%
36	11.640	1431	1437	1441	rBV8	5627	7438	0.12%	0.018%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02158-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-2(20230330)

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	11.722	1447	1451	1459	rVB4	11149	20070	0.32%	0.049%
38	11.822	1461	1468	1475	rBV2	32873	62990	1.02%	0.153%
39	11.934	1483	1487	1492	rVB8	8543	15348	0.25%	0.037%
40	12.040	1499	1505	1509	rBV8	5958	11270	0.18%	0.027%
41	12.228	1535	1537	1542	rVB6	6095	8502	0.14%	0.021%
42	12.357	1555	1559	1565	rBV9	4707	7124	0.12%	0.017%
43	12.428	1565	1571	1572	rBV4	12756	20168	0.33%	0.049%
44	12.851	1637	1643	1647	rBV8	10246	18349	0.30%	0.045%
45	13.034	1669	1674	1679	rVB4	10272	16447	0.27%	0.040%
46	13.116	1684	1688	1693	rBV3	8294	11409	0.18%	0.028%
47	13.169	1693	1697	1702	rBV	20305	28521	0.46%	0.069%
48	13.228	1702	1707	1710	rBV6	3910	7103	0.11%	0.017%
49	13.451	1741	1745	1755	rBV8	9743	23290	0.38%	0.057%
50	13.540	1756	1760	1766	rVB9	6527	11141	0.18%	0.027%
51	13.628	1771	1775	1780	rVB8	4215	6425	0.10%	0.016%
52	13.751	1792	1796	1800	rBV5	8306	11569	0.19%	0.028%
53	14.063	1839	1849	1863	rBV	1156601	1626335	26.31%	3.946%
54	14.163	1864	1866	1872	rVB7	4657	8216	0.13%	0.020%
55	14.351	1891	1898	1911	rVV	1266970	1846020	29.87%	4.479%
56	14.469	1914	1918	1924	rVV5	10932	22583	0.37%	0.055%
57	14.657	1942	1950	1958	rBV	968062	1410161	22.81%	3.421%
58	14.928	1991	1996	2010	rBV5	37621	134257	2.17%	0.326%
59	15.069	2015	2020	2026	rVB7	18691	35441	0.57%	0.086%
60	15.210	2037	2044	2061	rBV	4050010	6181099	100.00%	14.997%
61	15.369	2066	2071	2081	rVV	131899	225880	3.65%	0.548%
62	15.651	2113	2119	2129	rBV	1653140	2266524	36.67%	5.499%
63	15.787	2136	2142	2155	rBV	443264	753971	12.20%	1.829%
64	16.022	2176	2182	2195	rVB	110512	173992	2.81%	0.422%
65	16.192	2209	2211	2216	rBV6	4875	7273	0.12%	0.018%
66	16.363	2237	2240	2245	rVB5	10055	15106	0.24%	0.037%
67	16.492	2257	2262	2265	rBV2	7345	15763	0.26%	0.038%
68	17.334	2403	2405	2412	rVB8	10252	16891	0.27%	0.041%
69	17.416	2413	2419	2430	rBV	1011494	1474674	23.86%	3.578%
70	17.516	2430	2436	2452	rVV	1619295	2484271	40.19%	6.028%
71	18.286	2563	2567	2574	rBV2	56428	100519	1.63%	0.244%
72	19.322	2740	2743	2748	rBV5	22394	32225	0.52%	0.078%
73	19.392	2753	2755	2761	rVB2	22432	40170	0.65%	0.097%
74	19.516	2773	2776	2783	rBV4	44657	68164	1.10%	0.165%
75	19.745	2810	2815	2825	rBV	2272823	2992750	48.42%	7.261%
76	21.504	3110	3114	3122	rBV	1207857	1705201	27.59%	4.137%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02158-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-2(20230330)

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

77	23.857	3507	3514	3523	rVB2	1746024	3623902	58.63%	8.793%
78	24.016	3535	3541	3551	rVB2	931178	1978000	32.00%	4.799%

Sum of corrected areas: 41215481

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
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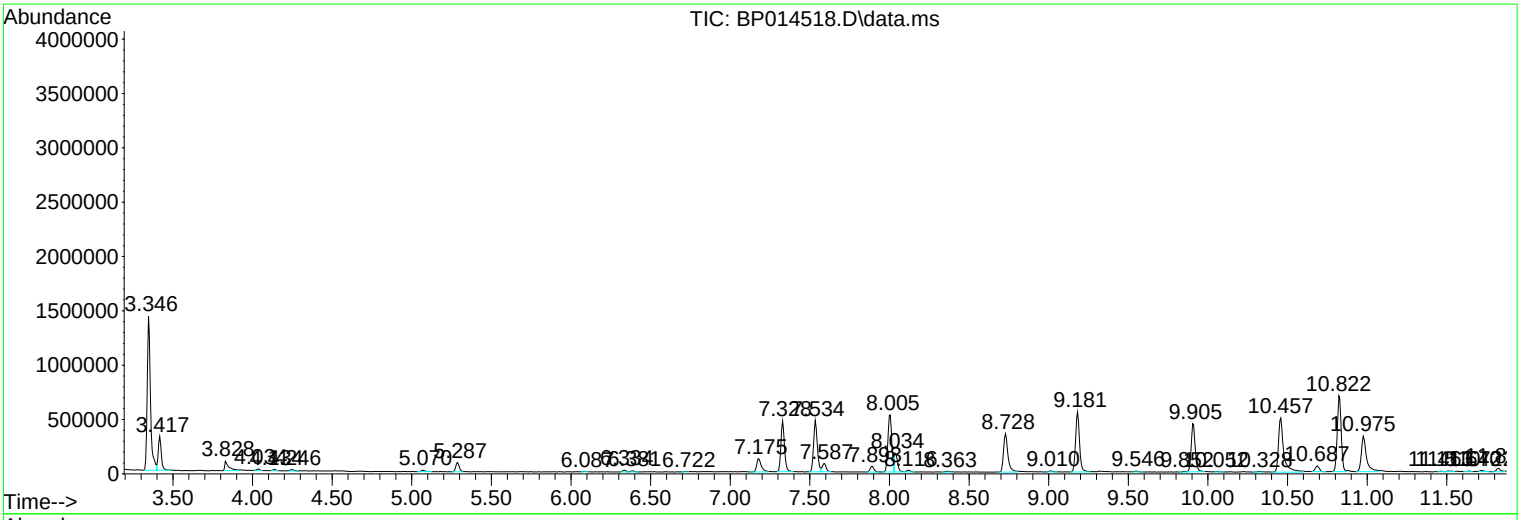
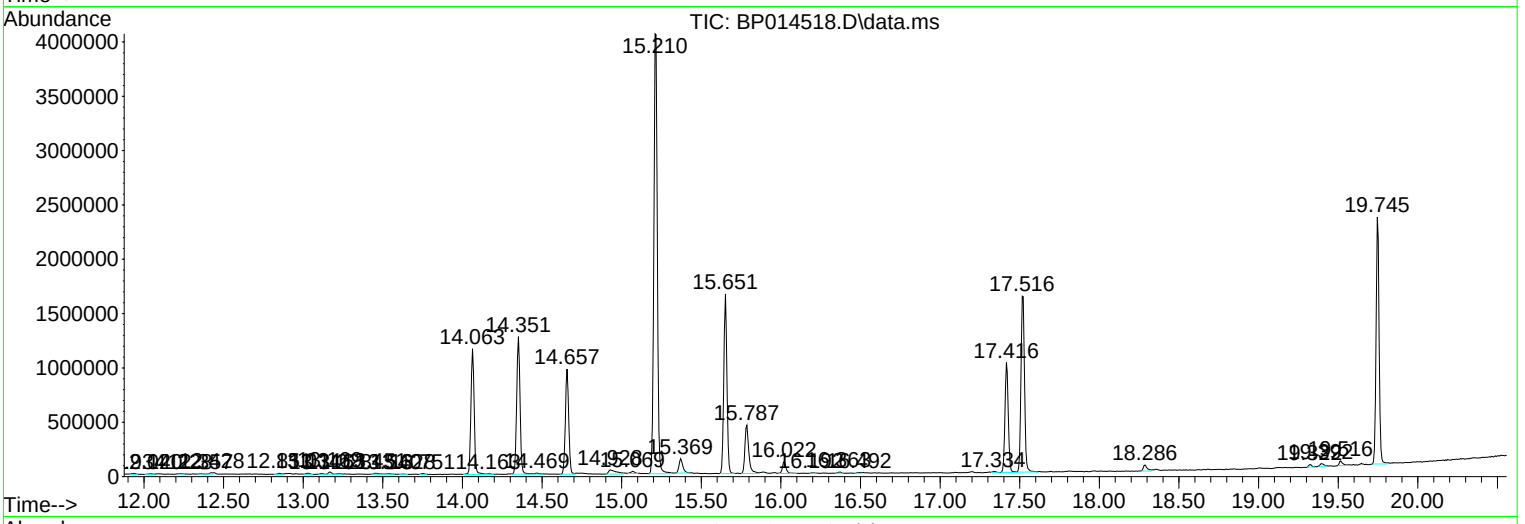
Misc :
ALS Vial : 41 Sample Multiplier: 1

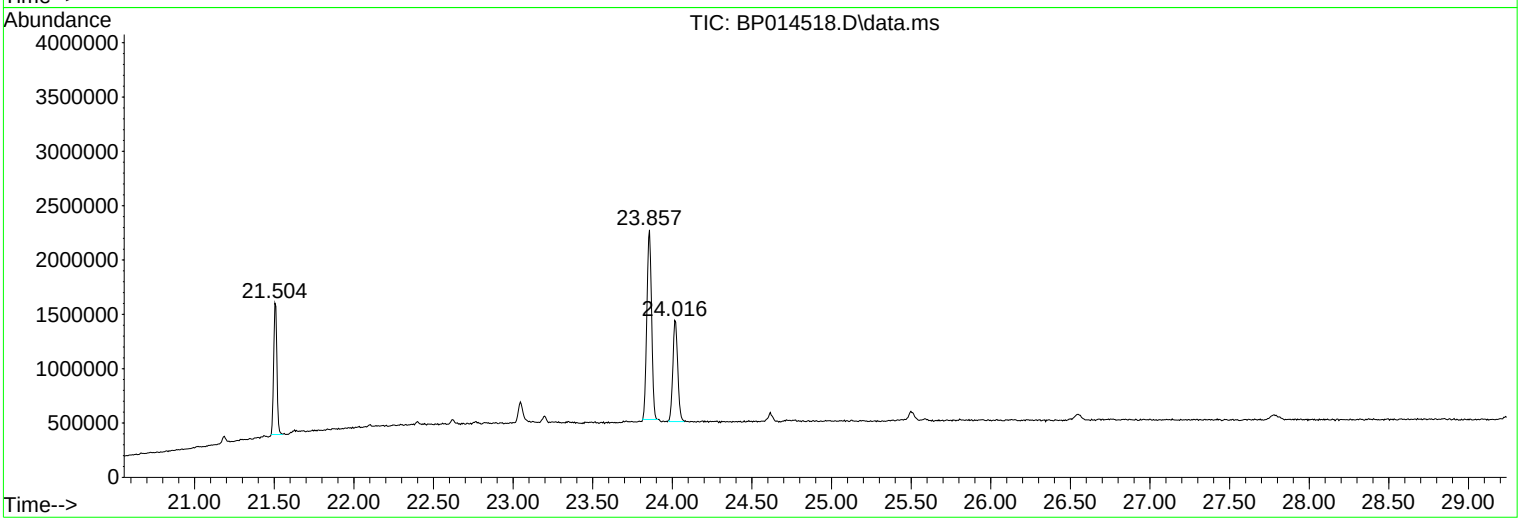
Instrument :
BNA_P
ClientSampleId :
PMW-2(20230330)

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\BP040323\
Data File : BP014518.D
Acq On : 04 Apr 2023 09:15
Operator : CG/JU
Sample : 02158-17
Misc :
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Instrument :
BNA_P
ClientSampleId :
PMW-2(20230330)

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

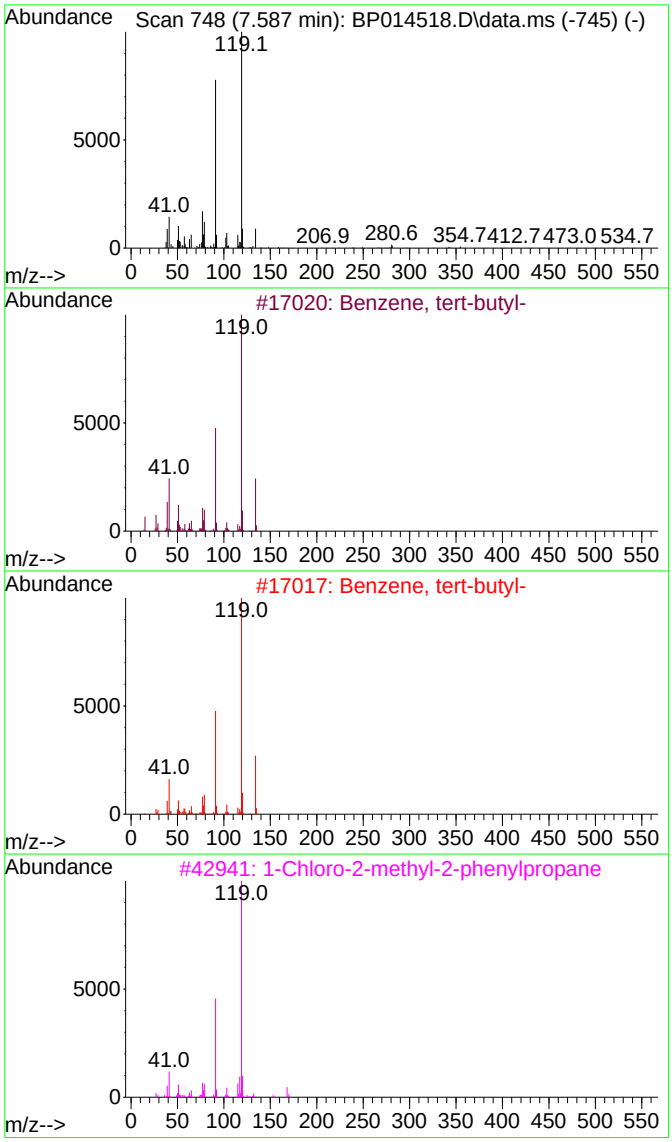
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

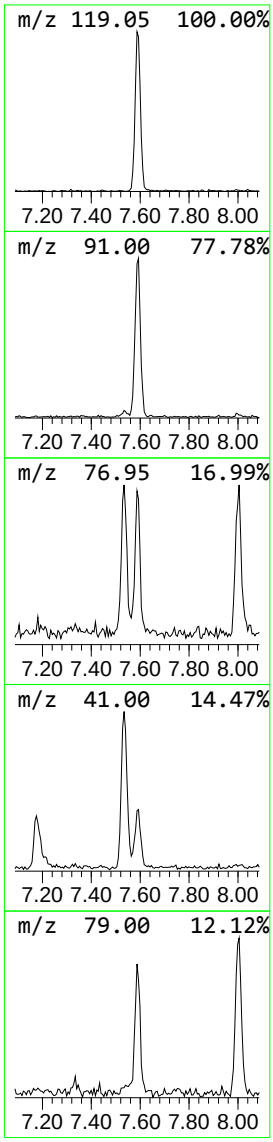
****

Peak Number 2 Benzene, tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.587	2.62 ng/ul	122253	1,4-Dichlorobenzene-d4	8.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	86
3	1-Chloro-2-methyl-2-phenylpropane	168	C10H13Cl	000515-40-2	80
4	2,4-Diphenyl-4-methyl-1-pentene	236	C18H20	1000111-58-0	78
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014518.D
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Sample : 02158-17
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Instrument :
BNA_P
ClientSampleId :
PMW-2(20230330)

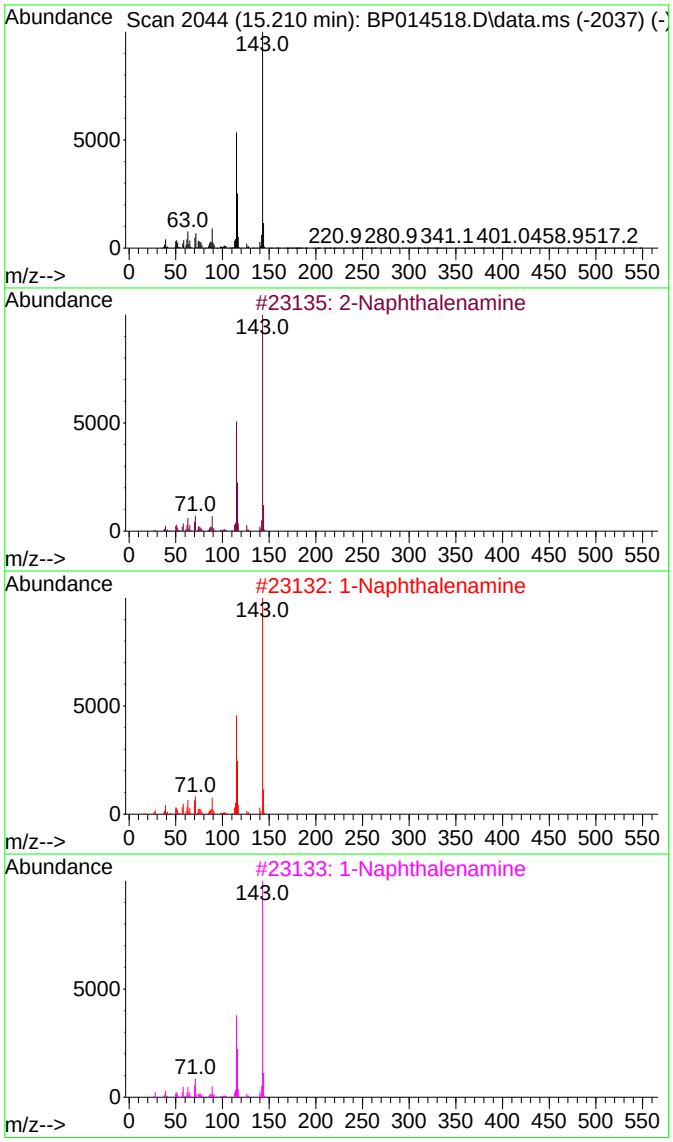
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

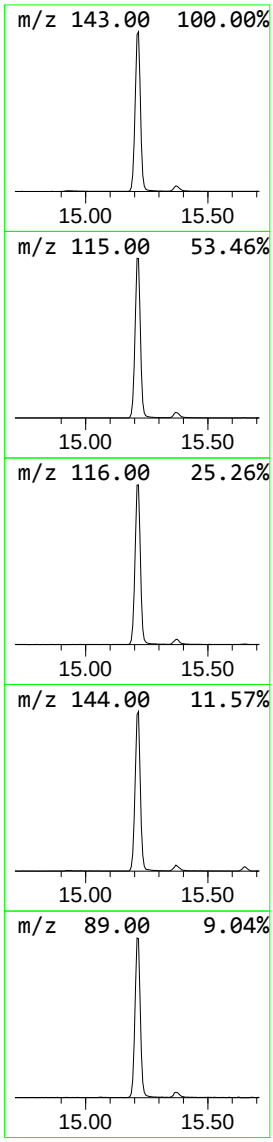
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Naphthalenamine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	87.67 ng/ul	6181100	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine	143	C10H9N	000091-59-8	97
2	1-Naphthalenamine	143	C10H9N	000134-32-7	96
3	1-Naphthalenamine	143	C10H9N	000134-32-7	95
4	1-Naphthalenamine	143	C10H9N	000134-32-7	94
5	2-Naphthalenamine	143	C10H9N	000091-59-8	94





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Data File : BP014518.D
Acq On : 04 Apr 2023 09:15
Operator : CG/JU
Sample : 02158-17
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-2(20230330)

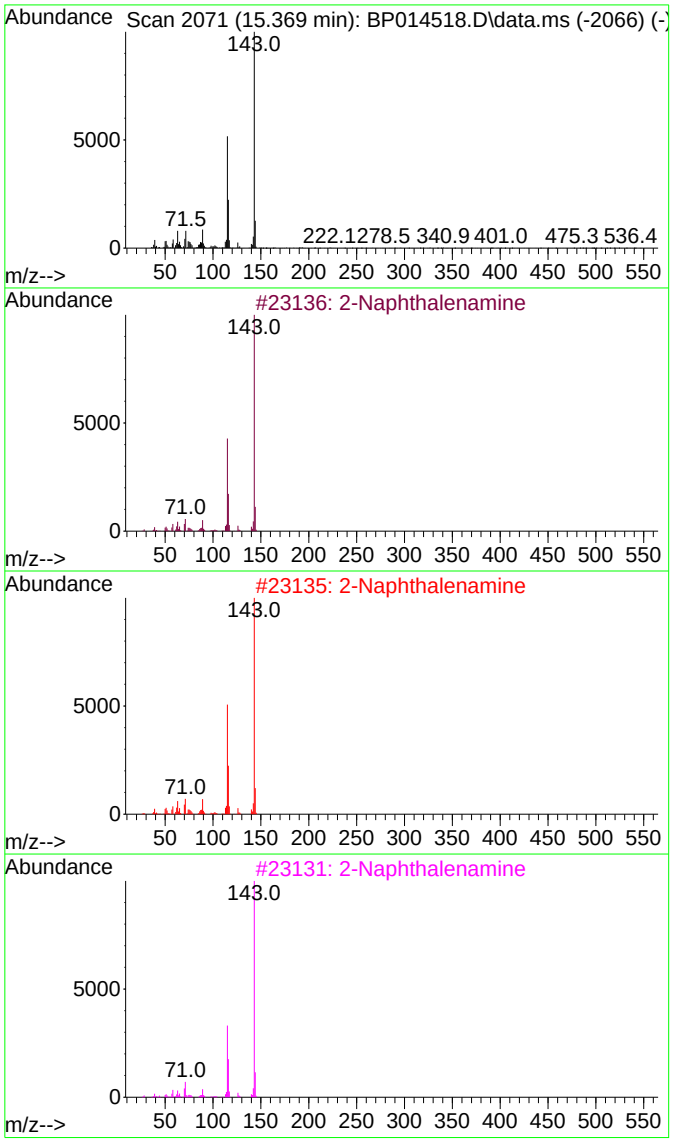
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

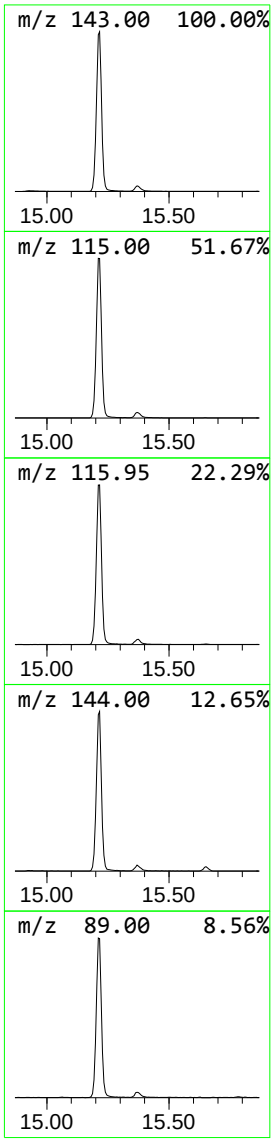
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Naphthalenamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.369	3.20 ng/ul	225880	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine	143	C10H9N	000091-59-8	97
2	2-Naphthalenamine	143	C10H9N	000091-59-8	96
3	2-Naphthalenamine	143	C10H9N	000091-59-8	95
4	1-Naphthalenamine	143	C10H9N	000134-32-7	95
5	1-Naphthalenamine	143	C10H9N	000134-32-7	95





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Sample : 02158-17
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-2(20230330)

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

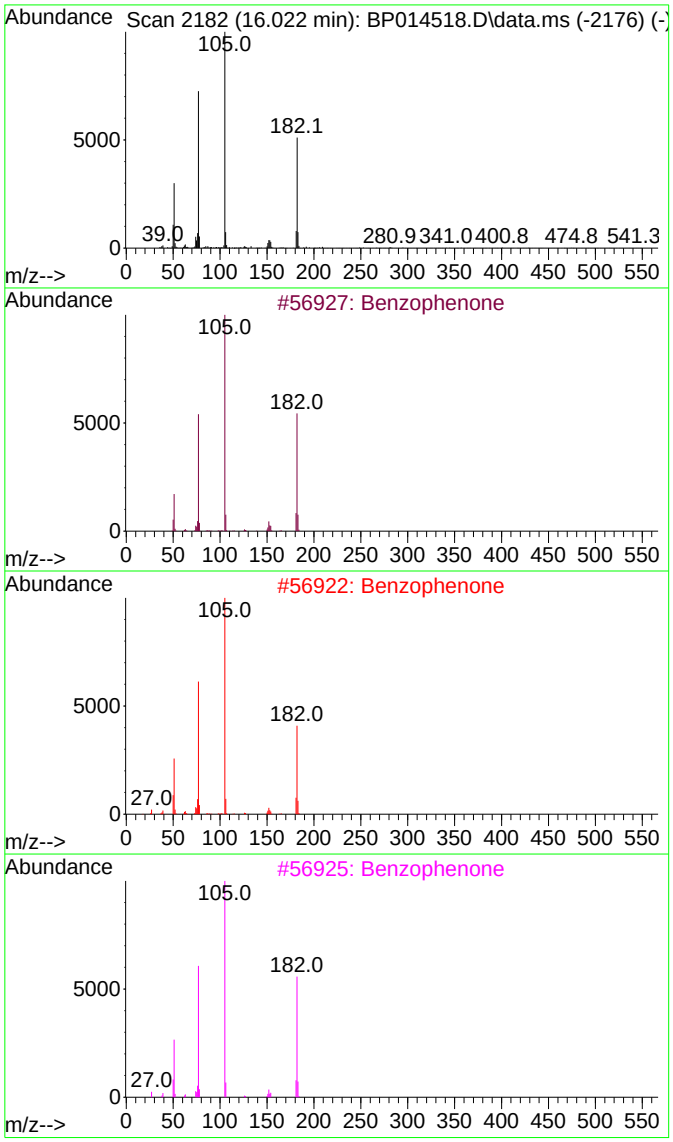
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

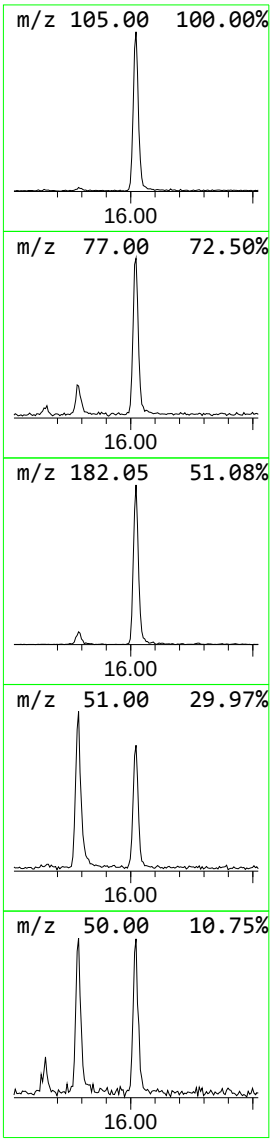
****

Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.022	2.47 ng/ul	173992	Acenaphthene-d10	14.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
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PMW-2(20230330)

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, tert-b...	7.587	2.6	ng/ul	122253	1	8.005	932522	20.0
2-Naphthalenamine	15.210	87.7	ng/ul	6181100	3	14.657	1410160	20.0
1-Naphthalenamine	15.369	3.2	ng/ul	225880	3	14.657	1410160	20.0
Benzophenone	16.022	2.5	ng/ul	173992	3	14.657	1410160	20.0