

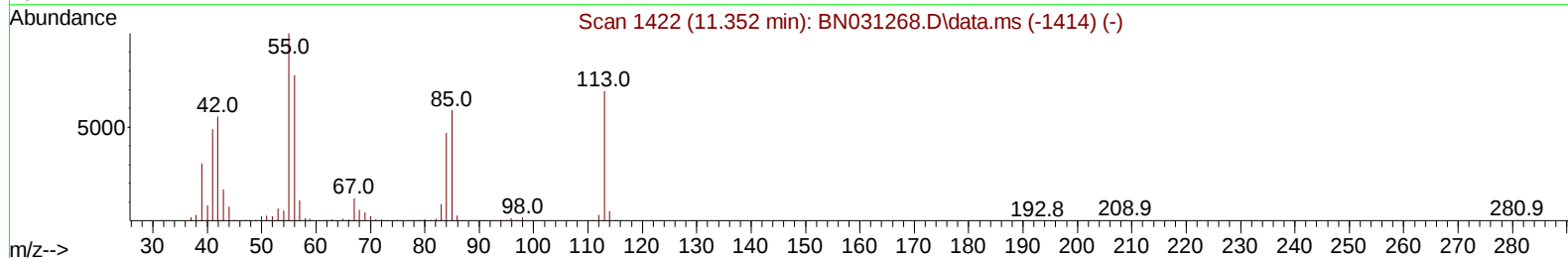
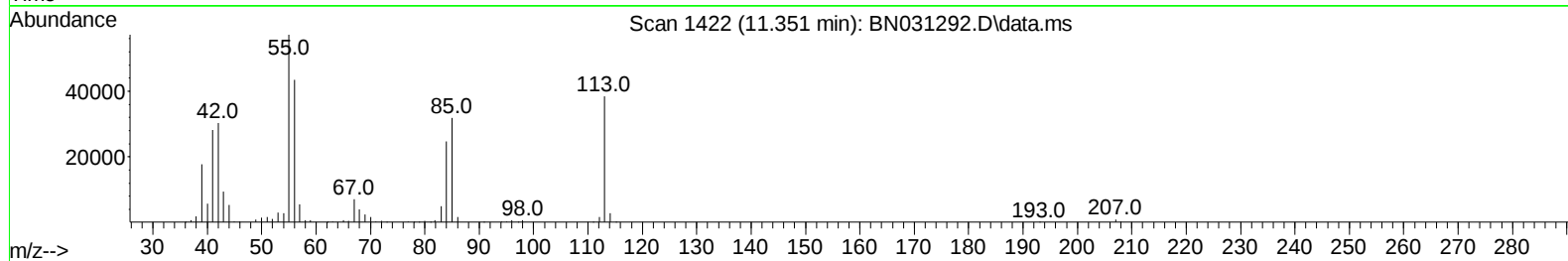
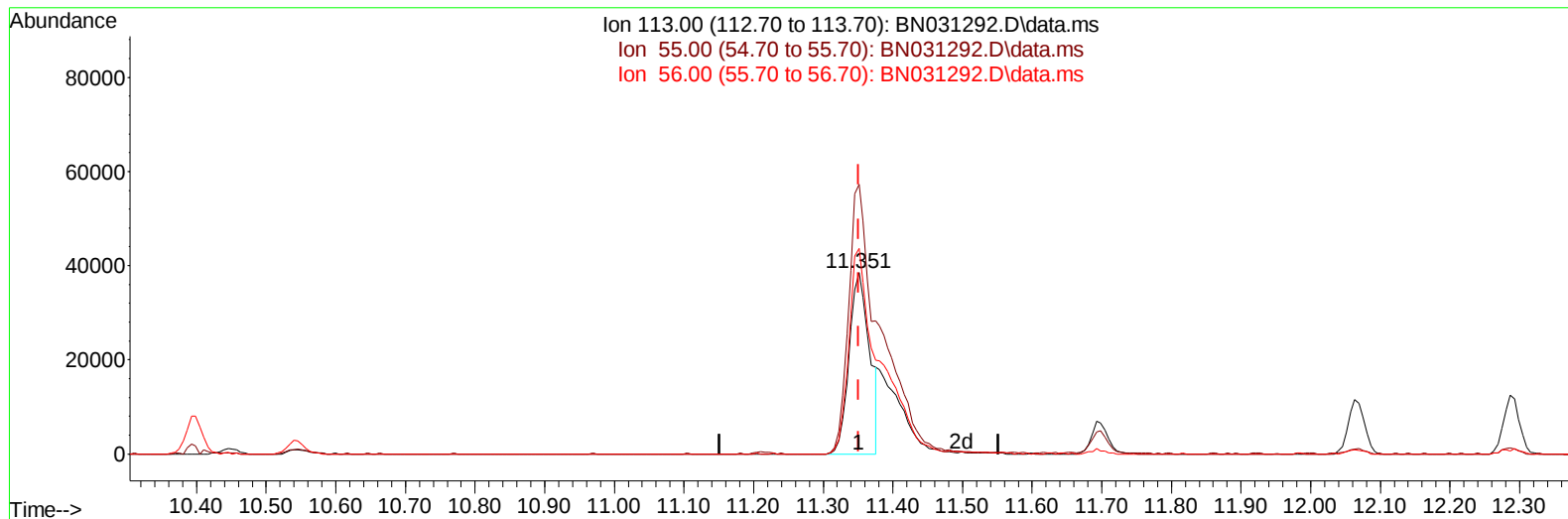
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
 Data File : BN031292.D
 Acq On : 28 Apr 2024 05:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 28 21:19:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 04/29/2024



TIC: BN031292.D\data.ms

(34) Caprolactam

11.351min (+ 0.000) 10.96 ng/ul

response 78452

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	148.54
56.00	110.00	113.14
0.00	0.00	0.00

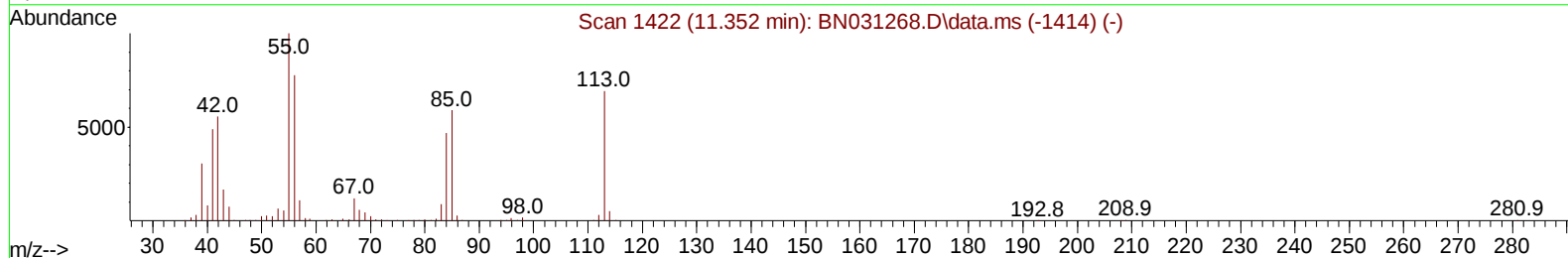
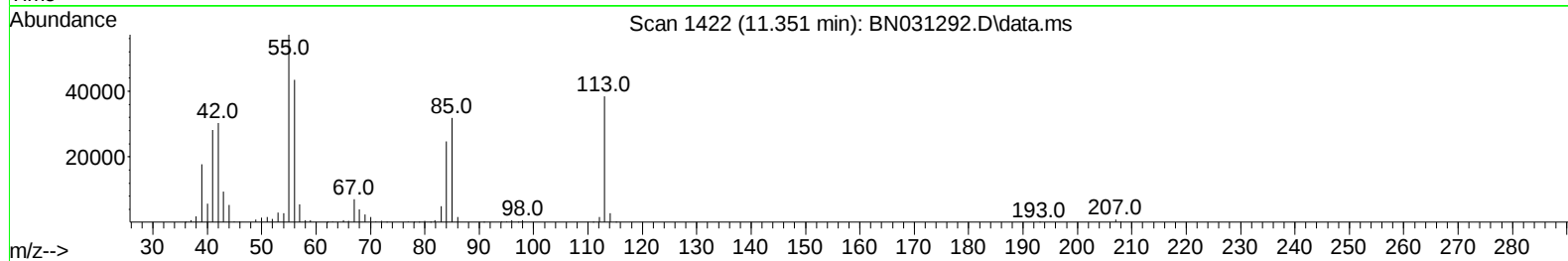
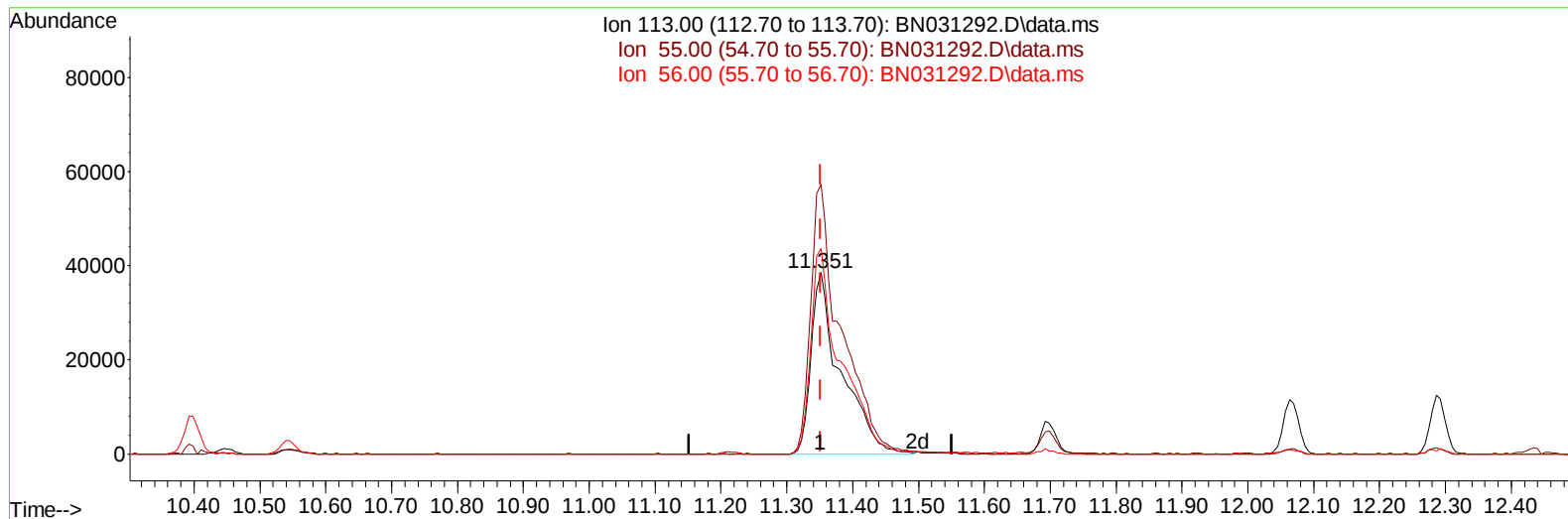
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TIC: BN031292.D\data.ms

(34) Caprolactam

11.351min (+ 0.000) 16.82 ng/ul m

response 120401

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	148.54
56.00	110.00	113.14
0.00	0.00	0.00

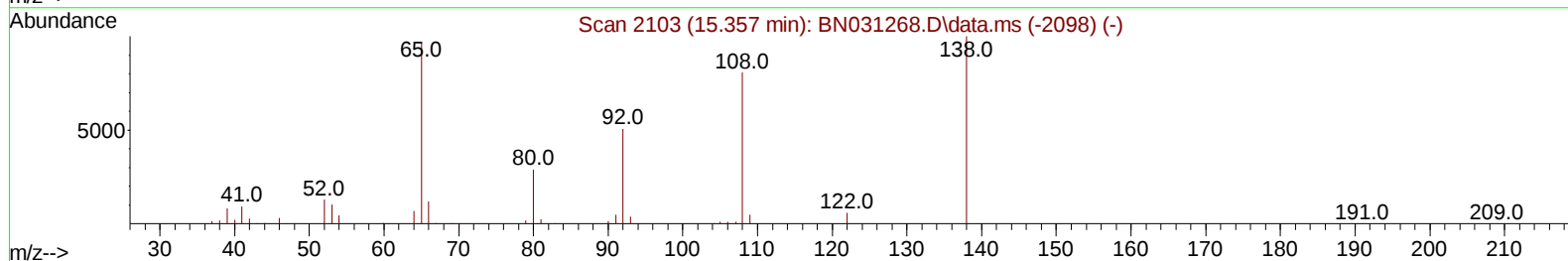
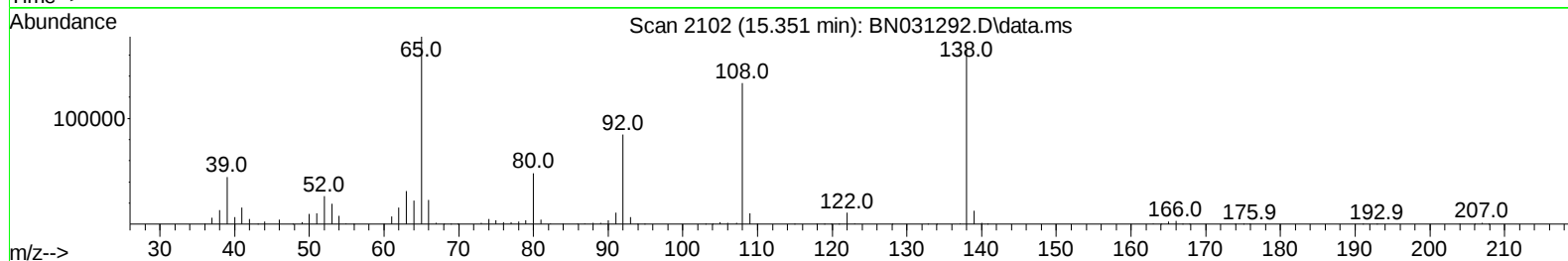
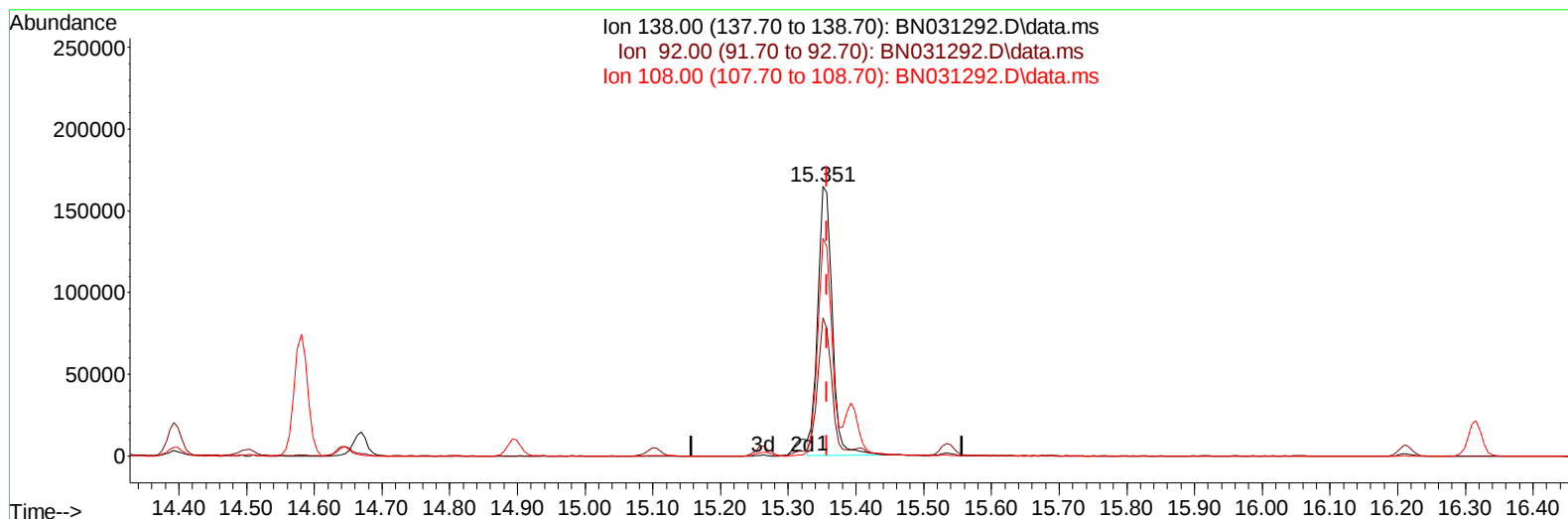
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042724\
Data File : BN031292.D
Acq On : 28 Apr 2024 05:56
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/29/2024



TIC: BN031292.D\data.ms

(63) 4-Nitroaniline

15.351min (-0.006) 16.99 ng/ul

response 245573

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	51.37
108.00	79.80	80.78
0.00	0.00	0.00

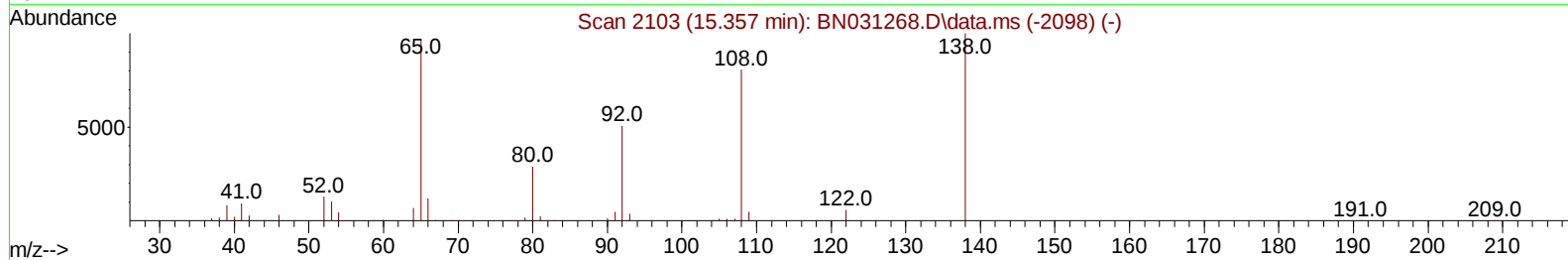
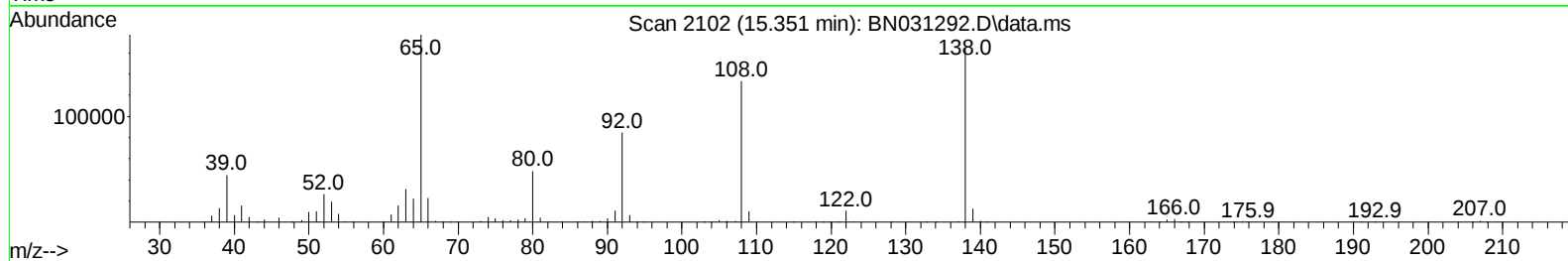
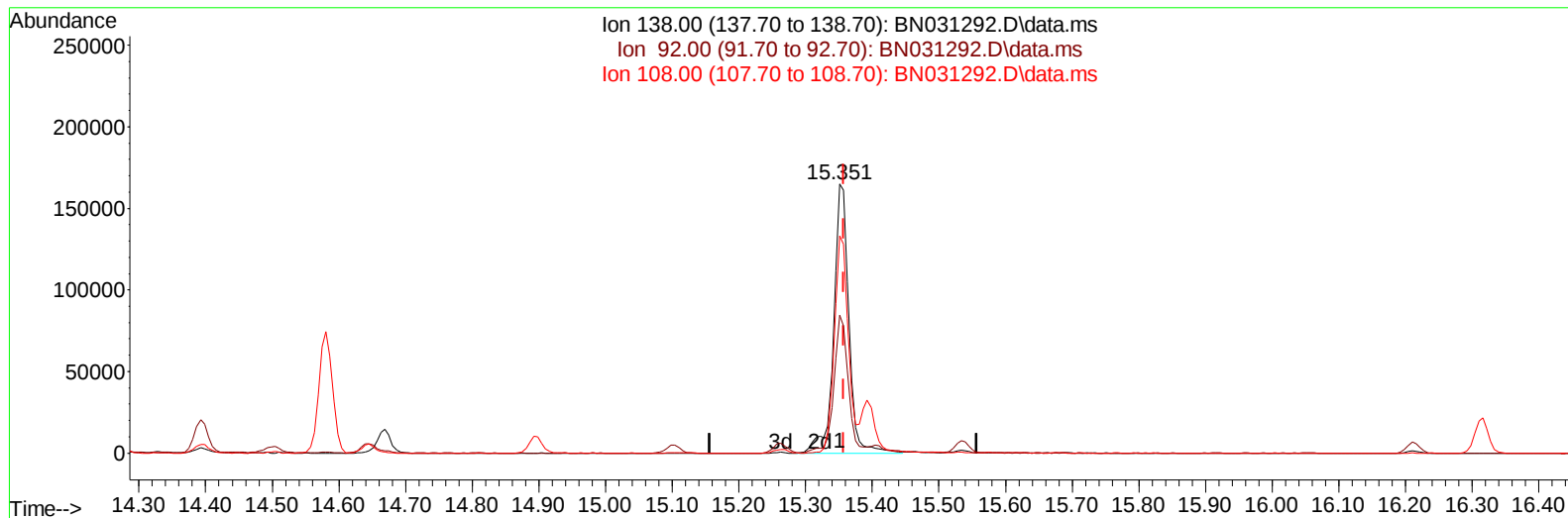
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Acq On : 28 Apr 2024 05:56
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/29/2024



TIC: BN031292.D\data.ms

(63) 4-Nitroaniline

15.351min (-0.006) 18.20 ng/ul m

response 263033

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	51.37
108.00	79.80	80.78
0.00	0.00	0.00

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 28 22:10:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 22:57:25 2024
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Reviewed By :Yogesh Patel 04/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	253989	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	1235034	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	866546	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1905778	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1762853	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1828979	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	37239	6.850	ng/uL	0.00
4) Pyridine-d5	3.540	84	285729	18.250	ng/ul	0.00
7) Phenol-d5	6.793	99	370943	17.313	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.963	67	223484	17.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	296852	17.794	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	314090	17.431	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	158844	17.901	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	175318	19.007	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	319366	17.557	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	476688	16.770	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	1047991	17.379	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1185231	17.345	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	209283	16.628	ng/ul	0.00
60) Fluorene-d10	15.263	176	887923	16.915	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	173404	18.035	ng/ul	0.00
73) Anthracene-d10	17.116	188	1410534	17.076	ng/ul	0.00
81) Pyrene-d10	19.422	212	1678892	19.381	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	1506490	17.370	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	39121	6.790	ng/uL	93
5) Pyridine	3.558	79	281139	17.795	ng/ul	97
6) Benzaldehyde	6.769	77	225264	21.412	ng/ul	99
8) Phenol	6.822	94	384053	17.386	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.058	93	315061	18.077	ng/ul	98
12) 2-Chlorophenol	7.181	128	311640	17.972	ng/ul	99
13) 2-Methylphenol	8.063	108	298754	17.452	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.140	45	423721	18.647	ng/ul	100
16) Acetophenone	8.440	105	504074	18.056	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.428	70	255854	18.386	ng/ul	99
18) 4-Methylphenol	8.393	108	335455	17.494	ng/ul	96
19) Hexachloroethane	8.681	117	128218	17.819	ng/ul	99
22) Nitrobenzene	8.816	77	370641	17.697	ng/ul	99
23) Isophorone	9.340	82	752447	17.605	ng/ul	98
25) 2-Nitrophenol	9.522	139	189572	18.576	ng/ul	94
26) 2,4-Dimethylphenol	9.587	107	356930	17.150	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	460836	17.751	ng/ul	98
29) 2,4-Dichlorophenol	10.052	162	319505	17.586	ng/ul	99
30) Naphthalene	10.446	128	1085449	16.958	ng/ul	99
32) 4-Chloroaniline	10.569	127	466684	16.897	ng/ul	97
33) Hexachlorobutadiene	10.722	225	188042	16.978	ng/ul	98
34) Caprolactam	11.351	113	120401m	16.820	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	375144	17.809	ng/ul	98

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Manual IntegrationsAPPROVED

Quant Time: Apr 28 22:10:45 2024
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	776709	17.208	ng/ul	98
37) 1-Methylnaphthalene	12.287	142	774763	16.963	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.440	216	384460	16.955	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	204558	16.423	ng/ul	98
41) 2,4,6-Trichlorophenol	12.687	196	273892	18.147	ng/ul	97
42) 2,4,5-Trichlorophenol	12.757	196	297786	17.796	ng/ul	98
43) 1,1'-Biphenyl	13.093	154	1037031	17.401	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	812040	17.051	ng/ul	98
45) 2-Nitroaniline	13.351	65	244515	18.598	ng/ul	99
47) Dimethylphthalate	13.734	163	1064254	17.108	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	219522	18.799	ng/ul	98
50) Acenaphthylene	13.987	152	1383489	17.333	ng/ul	99
51) 3-Nitroaniline	14.187	138	248240	18.517	ng/ul#	91
52) Acenaphthene	14.334	153	889725	16.815	ng/ul	96
53) 2,4-Dinitrophenol	14.392	184	108968	16.501	ng/ul	97
55) 4-Nitrophenol	14.498	109	166971	16.347	ng/ul	97
56) Dibenzofuran	14.669	168	1240907	16.962	ng/ul	98
57) 2,4-Dinitrotoluene	14.645	165	327487	18.457	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.898	232	256243	17.719	ng/ul	93
59) Diethylphthalate	15.104	149	1104669	17.267	ng/ul	100
61) Fluorene	15.322	166	1004597	16.686	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.316	204	483692	16.867	ng/ul	99
63) 4-Nitroaniline	15.351	138	263033m	18.198	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	187860	18.196	ng/ul#	95
67) N-Nitrosodiphenylamine	15.534	169	871189	17.055	ng/ul	98
68) 4-Bromophenyl-phenylether	16.216	248	310075	17.204	ng/ul	87
69) Hexachlorobenzene	16.316	284	366456	17.637	ng/ul	98
70) Atrazine	16.492	200	311733	17.383	ng/ul	95
71) Pentachlorophenol	16.669	266	225810	16.727	ng/ul	97
72) Phenanthrene	17.063	178	1694436	16.810	ng/ul	99
74) Anthracene	17.151	178	1725476	16.915	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	391644	17.520	ng/uL	99
76) Pentachlorobenzene	14.581	250	391940	16.979	ng/uL	96
77) Carbazole	17.428	167	1578598	16.941	ng/ul	98
78) Di-n-butylphthalate	17.992	149	2003701	17.642	ng/ul	99
80) Fluoranthene	19.080	202	2040703	19.905	ng/ul	99
82) Pyrene	19.451	202	2067804	19.196	ng/ul	98
83) Butylbenzylphthalate	20.363	149	936413	19.701	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.169	252	622648	16.951	ng/ul	97
85) Benzo(a)anthracene	21.239	228	2014985	16.832	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.163	149	1320249	18.499	ng/ul	99
87) Chrysene	21.298	228	1871618	16.471	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	2337665	22.174	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1928283	18.738	ng/ul	100
91) Benzo(k)fluoranthene	23.292	252	1949238	18.833	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1771641	17.257	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.386	276	1895376	14.878	ng/ul	99
95) Dibenzo(a,h)anthracene	27.445	278	1573344	15.047	ng/ul	96
96) Benzo(g,h,i)perylene	28.403	276	1466790	14.298	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Manual IntegrationsAPPROVED

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