

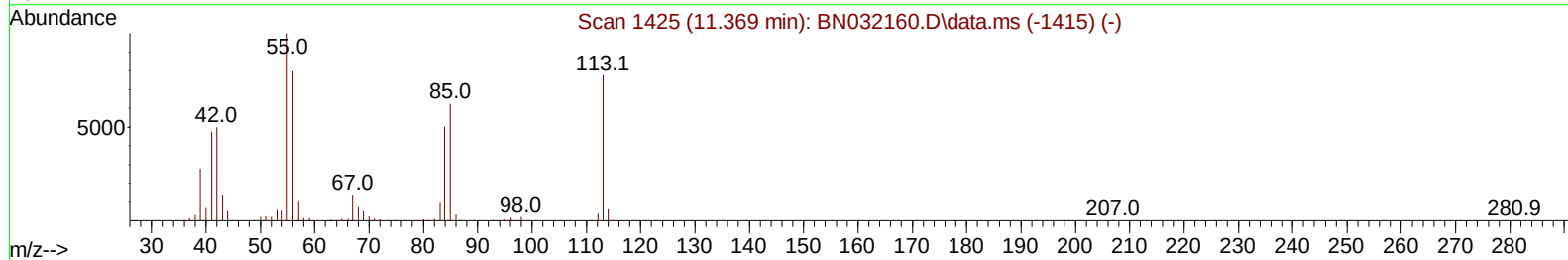
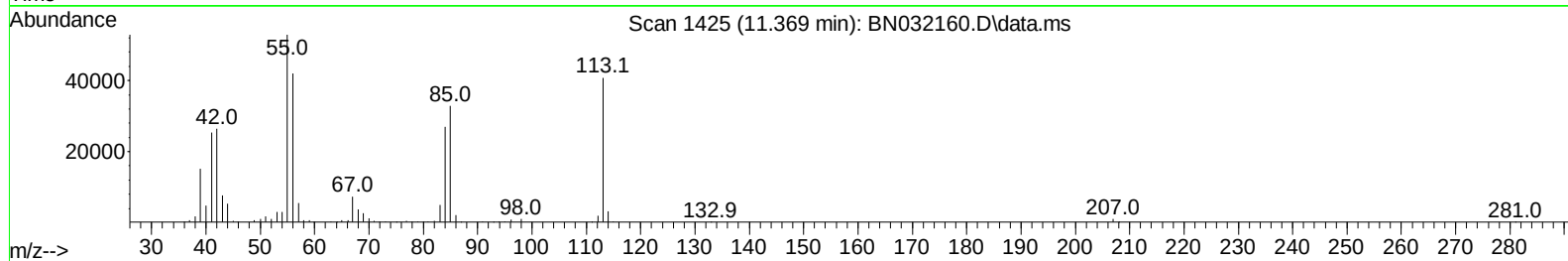
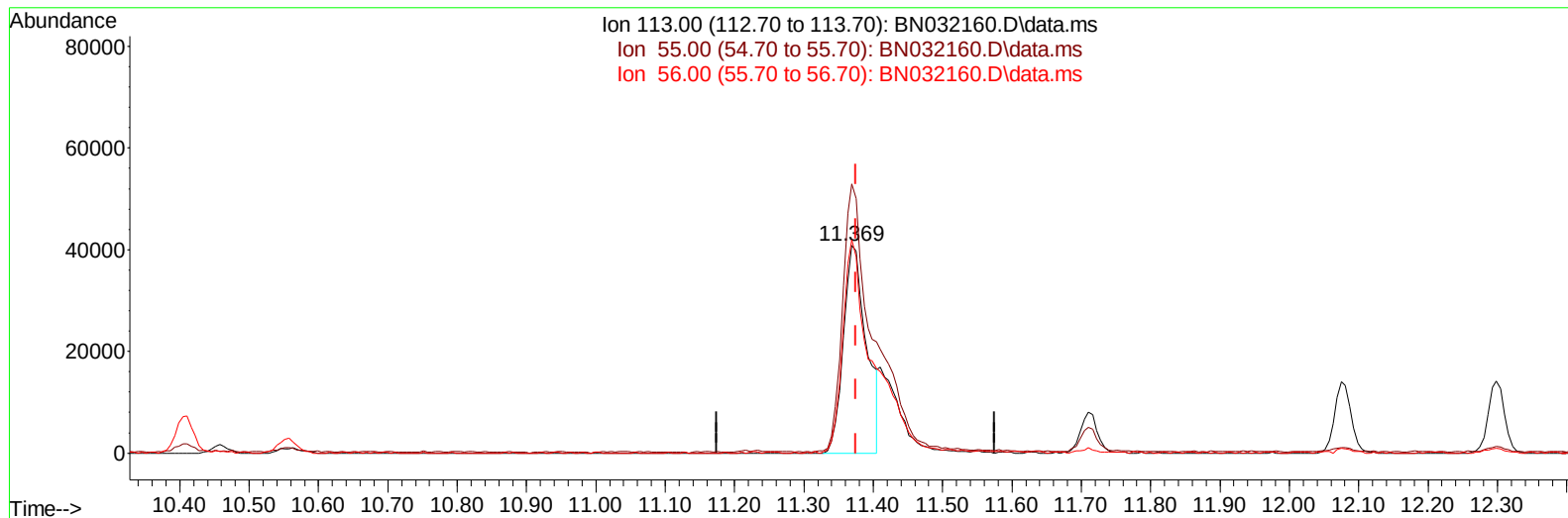
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032160.D
Acq On : 22 Jun 2024 10:00
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 22 10:37:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



TIC: BN032160.D\data.ms

(34) Caprolactam

11.369min (-0.006) 11.44 ng/ul

response 93759

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	129.55
56.00	111.70	102.72
0.00	0.00	0.00

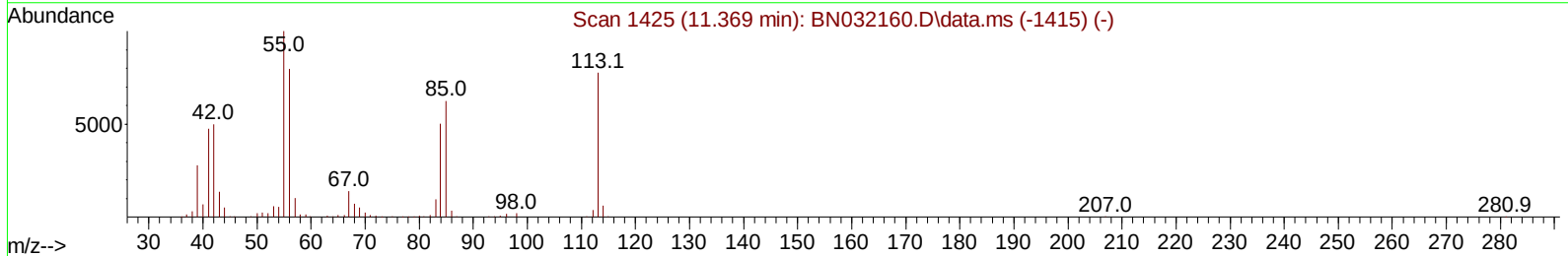
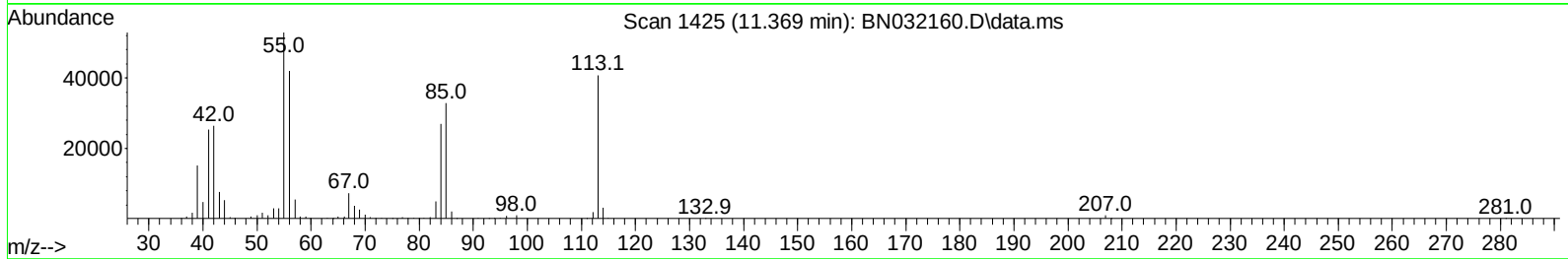
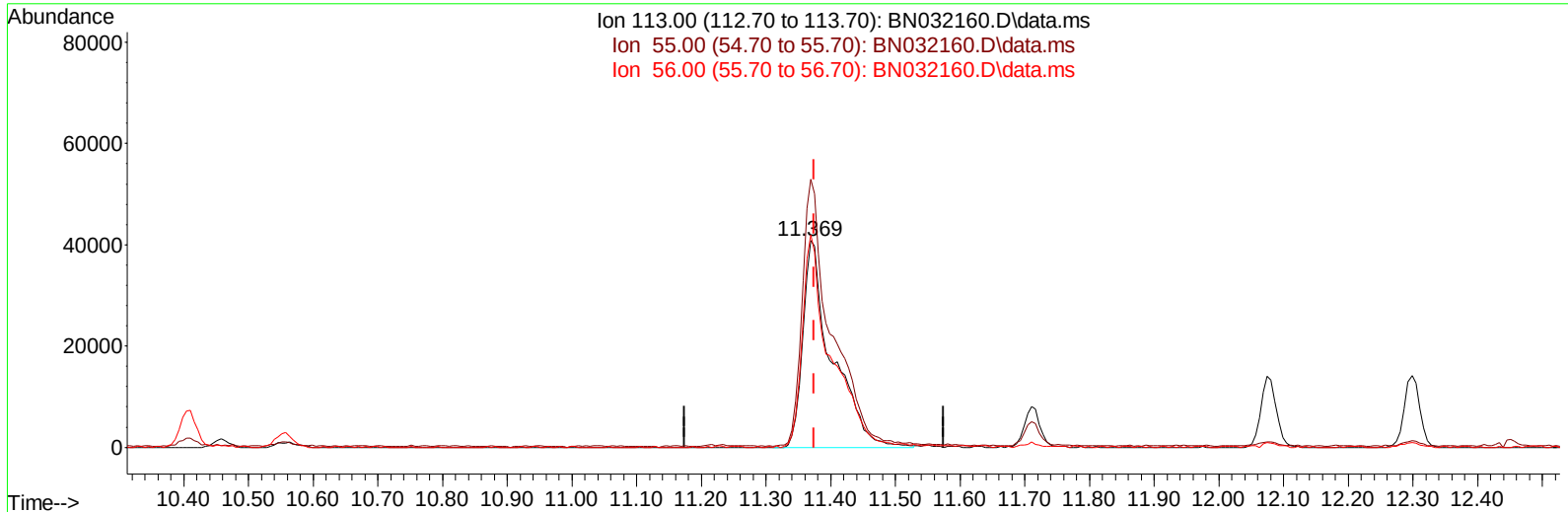
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
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Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032160.D\data.ms

(34) Caprolactam

11.369min (-0.006) 15.71 ng/ul m

response 128747

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	129.55
56.00	111.70	102.72
0.00	0.00	0.00

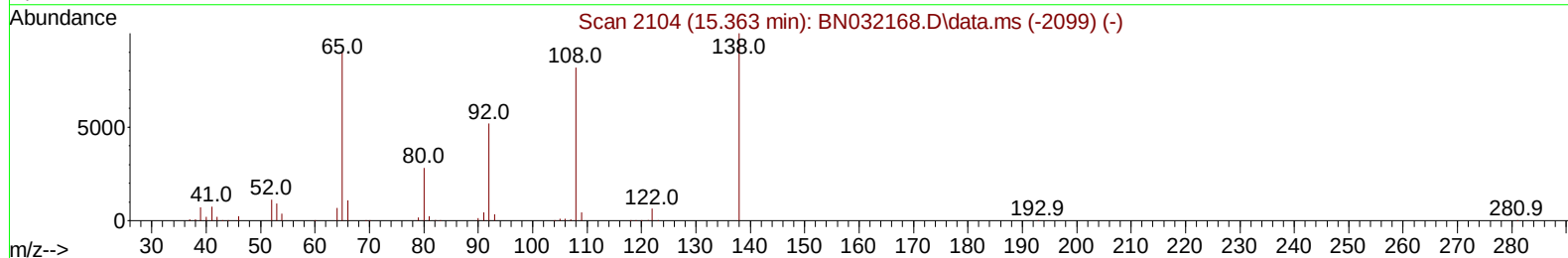
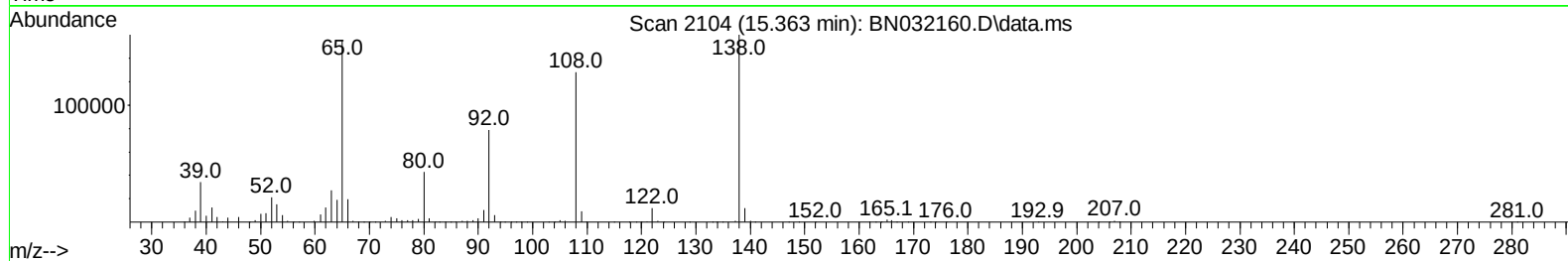
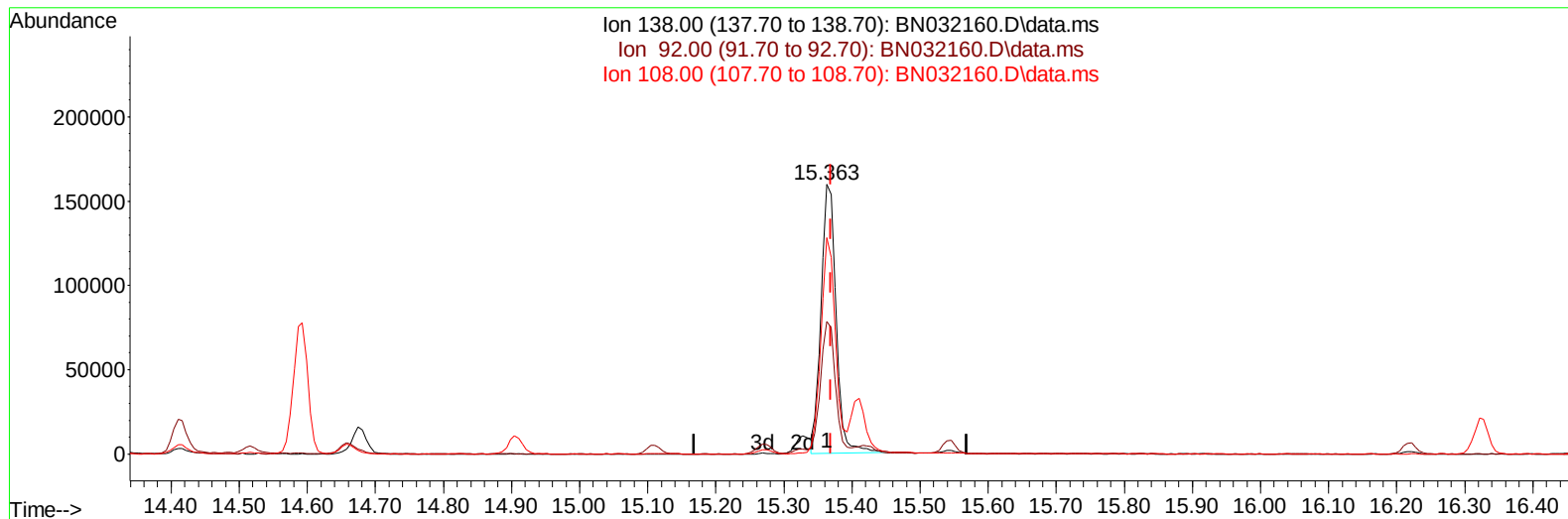
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032160.D
Acq On : 22 Jun 2024 10:00
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 22 10:38:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/26/2024



TIC: BN032160.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 19.13 ng/ul

response 245831

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	49.23
108.00	75.10	80.20
0.00	0.00	0.00

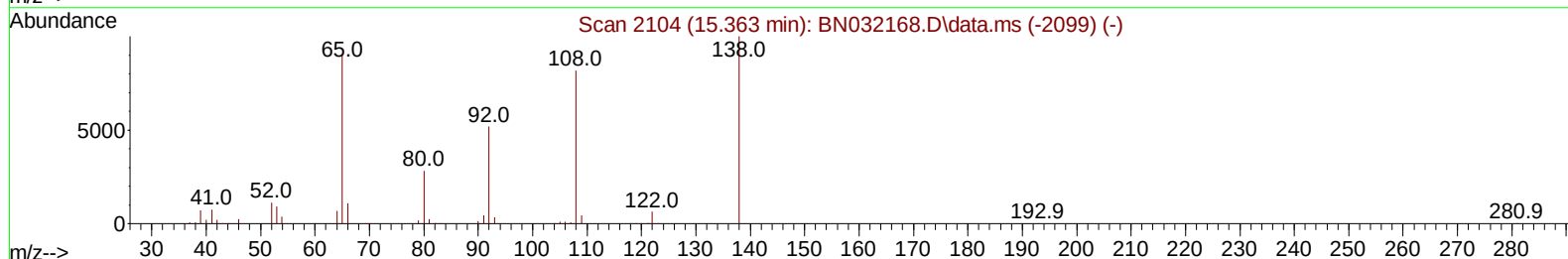
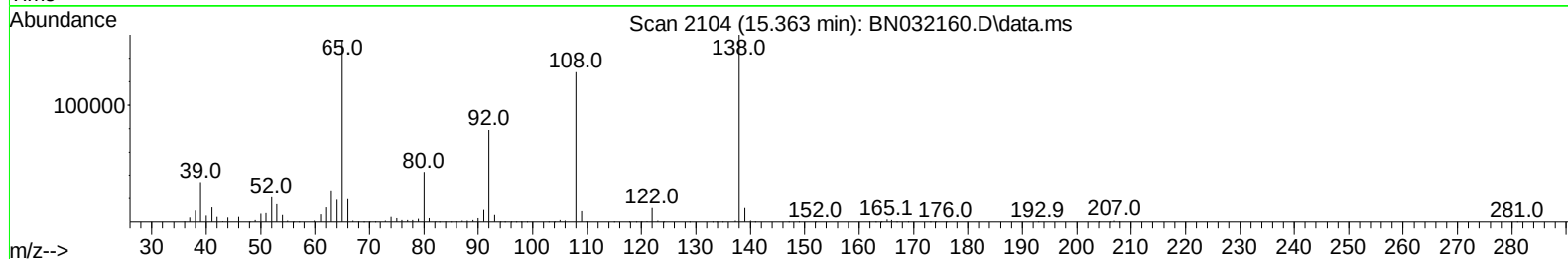
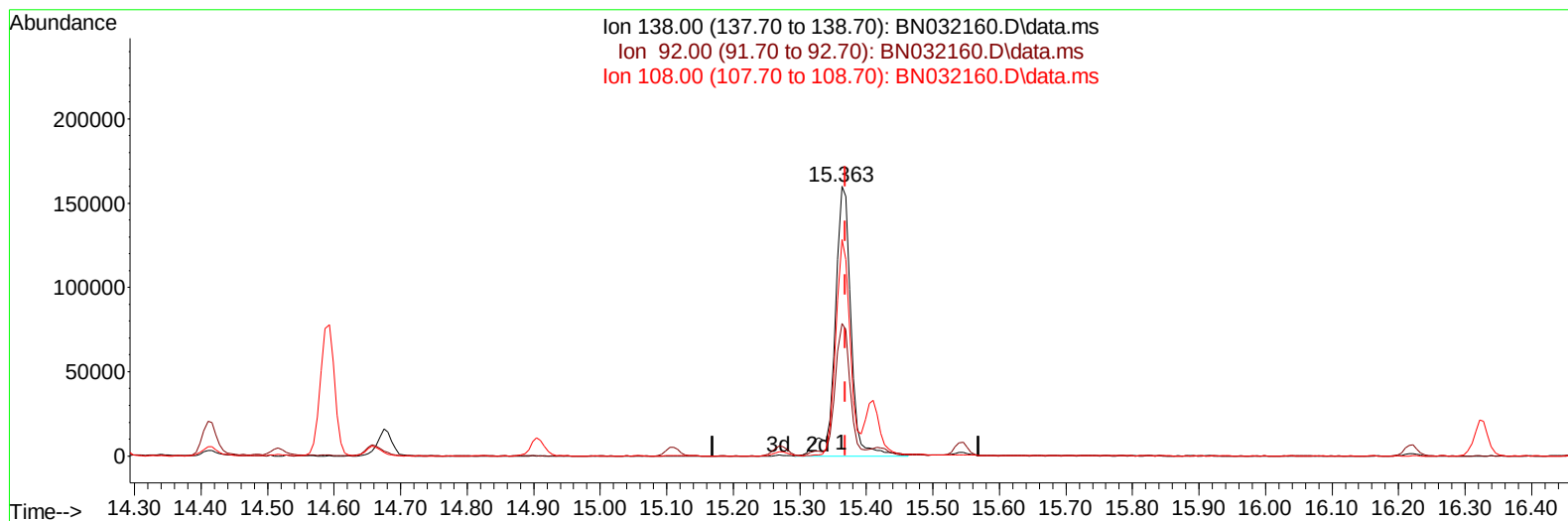
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032160.D
 Acq On : 22 Jun 2024 10:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 22 10:38:46 2024
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 Supervised By :mohammad ahmed 06/26/2024



TIC: BN032160.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 20.82 ng/ul m

response 267507

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.20	49.23
108.00	75.10	80.20
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
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 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 23 03:41:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	348091	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	1442283	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.275	164	891474	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	1877383	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.263	240	1734907	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	2005843	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	59199	7.036	ng/uL	0.00
4) Pyridine-d5	3.564	84	382788	16.162	ng/ul	0.00
7) Phenol-d5	6.811	99	507374	17.002	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	285025	16.329	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	432098	18.977	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	413439	16.996	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	214590	19.459	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	230866	20.267	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	414654	19.498	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.557	131	565488	17.909	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	1197187	19.277	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	1391529	19.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	229583	18.463	ng/ul	0.00
60) Fluorene-d10	15.275	176	1034862	19.693	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	199884	21.182	ng/ul	0.00
73) Anthracene-d10	17.122	188	1563997	19.459	ng/ul	0.00
81) Pyrene-d10	19.428	212	1826768	19.677	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1884593	19.676	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	62669	6.961	ng/uL	96
5) Pyridine	3.587	79	379555	16.027	ng/ul	96
6) Benzaldehyde	6.787	77	259624	18.549	ng/ul	93
8) Phenol	6.834	94	517928	17.054	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.063	93	431976	17.202	ng/ul	96
12) 2-Chlorophenol	7.199	128	453888	19.049	ng/ul	96
13) 2-Methylphenol	8.075	108	400120	17.058	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	467678	16.178	ng/ul	99
16) Acetophenone	8.452	105	641785	17.409	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.440	70	296258	15.508	ng/ul#	96
18) 4-Methylphenol	8.405	108	437447	17.204	ng/ul	99
19) Hexachloroethane	8.693	117	190335	18.864	ng/ul	87
22) Nitrobenzene	8.828	77	467431	17.791	ng/ul	96
23) Isophorone	9.352	82	867397	16.094	ng/ul	96
25) 2-Nitrophenol	9.534	139	254486	20.448	ng/ul	92
26) 2,4-Dimethylphenol	9.599	107	428305	17.690	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.834	93	573069	17.061	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	416292	19.825	ng/ul	96
30) Naphthalene	10.457	128	1433929	19.210	ng/ul	99
32) 4-Chloroaniline	10.581	127	554232	18.079	ng/ul	98
33) Hexachlorobutadiene	10.734	225	263687	20.908	ng/ul	97
34) Caprolactam	11.369	113	128747m	15.708	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	429645	17.505	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
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Instrument :
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 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 23 03:41:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	957886	18.774	ng/ul	98
37) 1-Methylnaphthalene	12.298	142	952739	18.611	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.446	216	493850	20.947	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	303320	22.322	ng/ul	100
41) 2,4,6-Trichlorophenol	12.698	196	320269	20.014	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	349081	20.074	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	1245416	19.862	ng/ul	97
44) 2-Chloronaphthalene	13.145	162	981874	19.992	ng/ul	99
45) 2-Nitroaniline	13.363	65	240643	16.903	ng/ul	89
47) Dimethylphthalate	13.740	163	1242509	19.562	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	246290	19.508	ng/ul	98
50) Acenaphthylene	13.998	152	1571514	19.472	ng/ul	99
51) 3-Nitroaniline	14.198	138	260062	19.266	ng/ul	94
52) Acenaphthene	14.340	153	1069115	20.021	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	129263	20.281	ng/ul	96
55) 4-Nitrophenol	14.516	109	174130	18.877	ng/ul	91
56) Dibenzofuran	14.675	168	1457973	20.096	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	360800	19.476	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	296375	20.375	ng/ul	99
59) Diethylphthalate	15.110	149	1263138	19.273	ng/ul	98
61) Fluorene	15.328	166	1172585	20.070	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.322	204	577820	20.419	ng/ul	98
63) 4-Nitroaniline	15.363	138	267507m	20.817	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	217953	21.726	ng/ul#	99
67) N-Nitrosodiphenylamine	15.545	169	1014573	19.606	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	372488	20.477	ng/ul	92
69) Hexachlorobenzene	16.328	284	420398	20.391	ng/ul	95
70) Atrazine	16.498	200	298006	18.239	ng/ul	95
71) Pentachlorophenol	16.681	266	256814	19.470	ng/ul	92
72) Phenanthrene	17.069	178	1859175	19.440	ng/ul	99
74) Anthracene	17.163	178	1924314	19.858	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	493134	20.408	ng/uL	94
76) Pentachlorobenzene	14.592	250	481791	20.470	ng/uL	99
77) Carbazole	17.439	167	1727247	20.903	ng/ul	98
78) Di-n-butylphthalate	17.998	149	2297927	20.214	ng/ul	99
80) Fluoranthene	19.092	202	2187570	19.716	ng/ul	97
82) Pyrene	19.457	202	2285584	20.078	ng/ul#	93
83) Butylbenzylphthalate	20.369	149	1029438	19.146	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.180	252	658579	19.795	ng/ul	98
85) Benzo(a)anthracene	21.245	228	2281850	19.650	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.169	149	1481635	18.904	ng/ul	98
87) Chrysene	21.304	228	2116522	19.513	ng/ul	98
89) Di-n-octyl phthalate	22.269	149	2595797	19.330	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2267093	18.909	ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	2299483	19.545	ng/ul	99
93) Benzo(a)pyrene	24.039	252	2164254	19.274	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.445	276	2660171	20.558	ng/ul	97
95) Dibenzo(a,h)anthracene	27.498	278	2267318	21.462	ng/ul	97
96) Benzo(g,h,i)perylene	28.468	276	2145595	20.859	ng/ul	95

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

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/26/2024

