

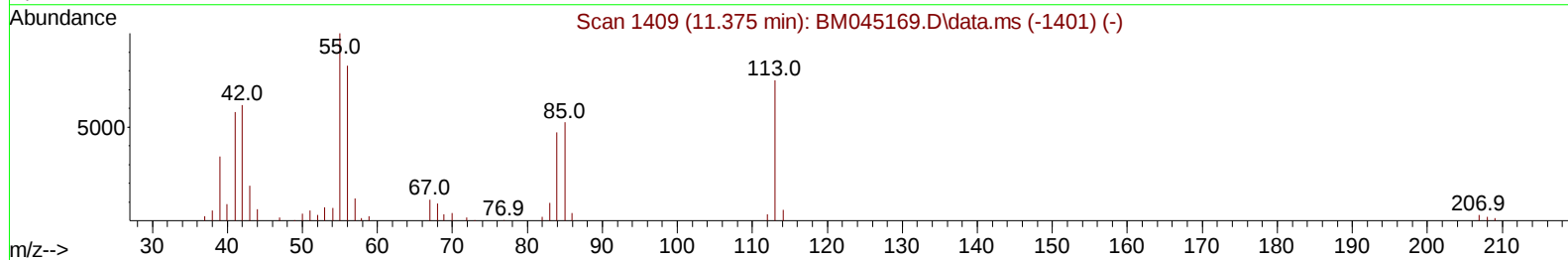
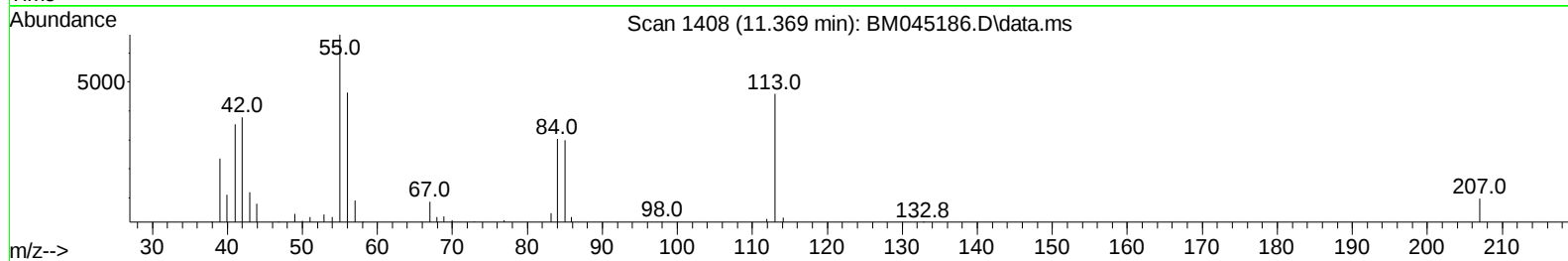
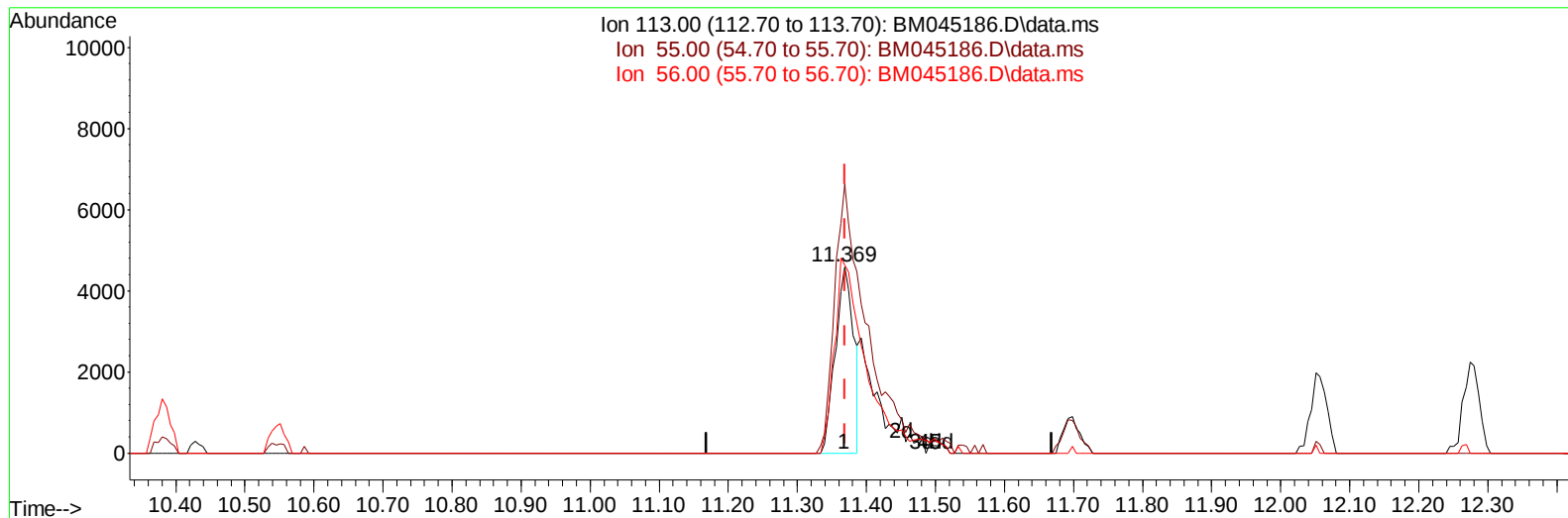
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045186.D
Acq On : 13 Apr 2024 00:16
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 13 02:23:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024



TIC: BM045186.D\data.ms

(34) Caprolactam

11.369min (-0.000) 9.19 ng/u1

response 8495

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	144.37
56.00	114.80	101.07
0.00	0.00	0.00

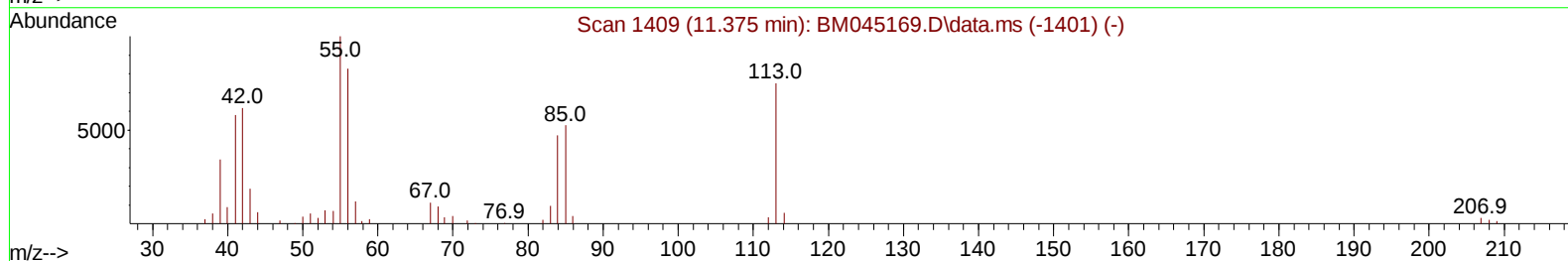
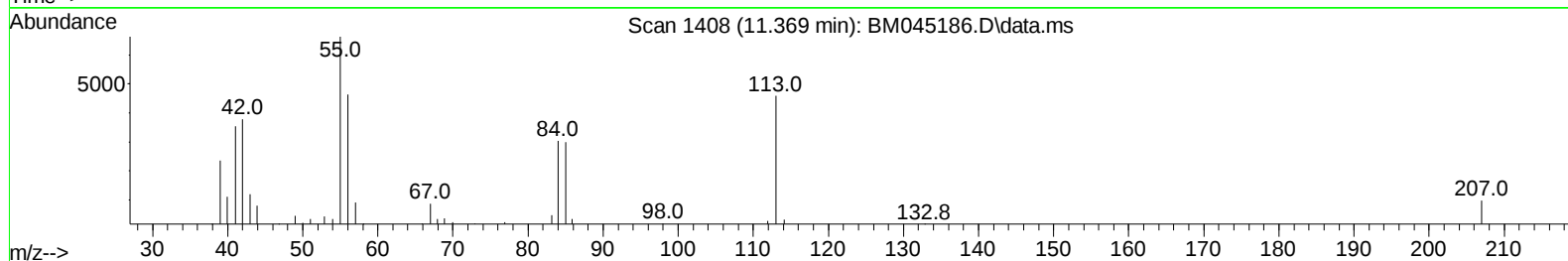
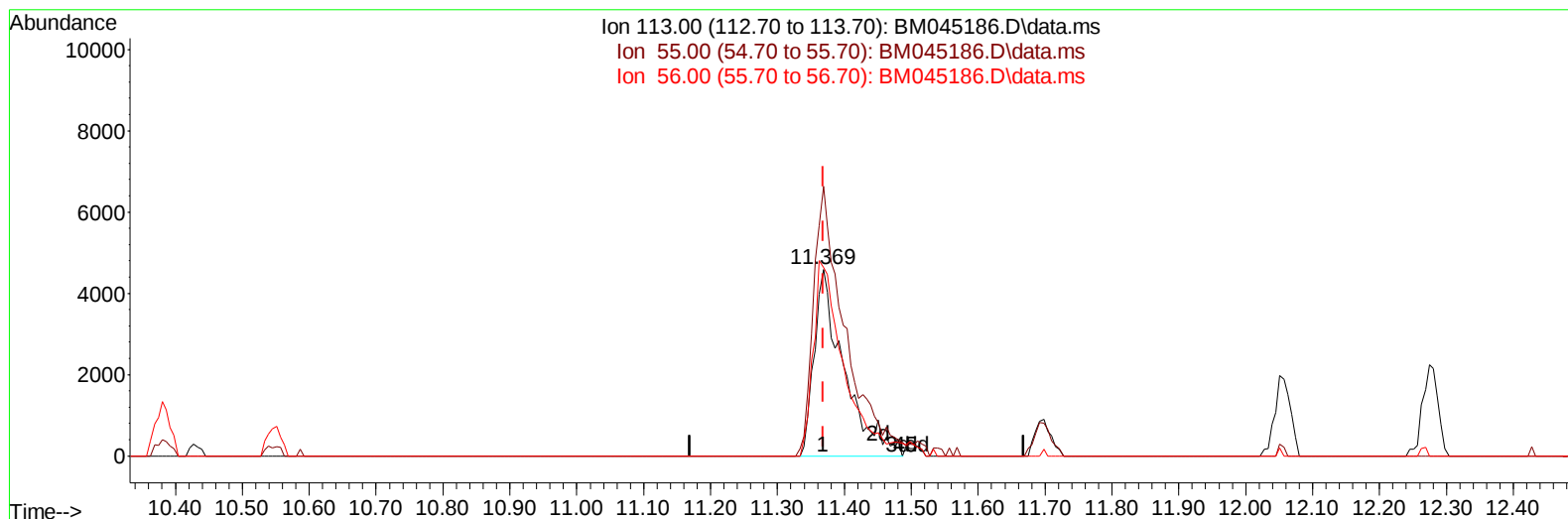
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(34) Caprolactam

11.369min (-0.000) 15.32 ng/ul m

response 14167

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	144.37
56.00	114.80	101.07
0.00	0.00	0.00

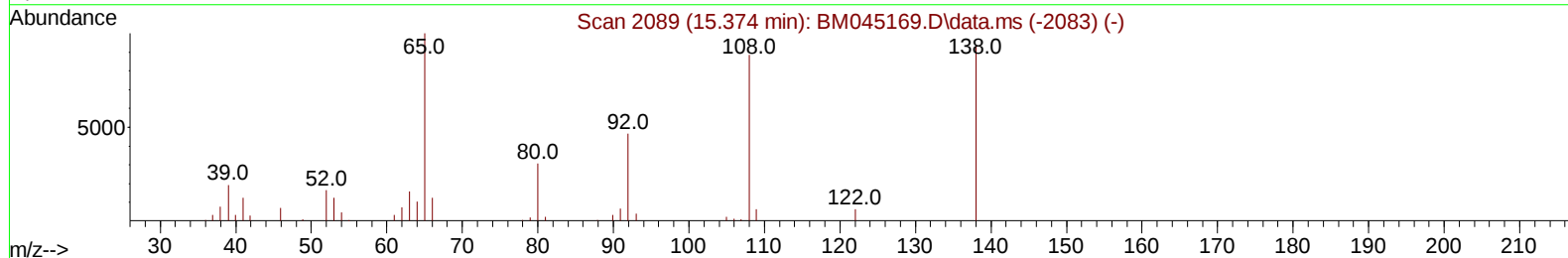
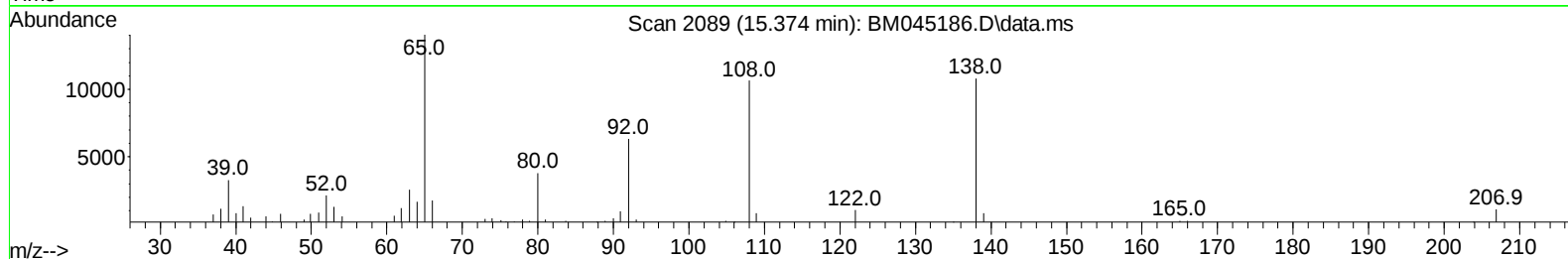
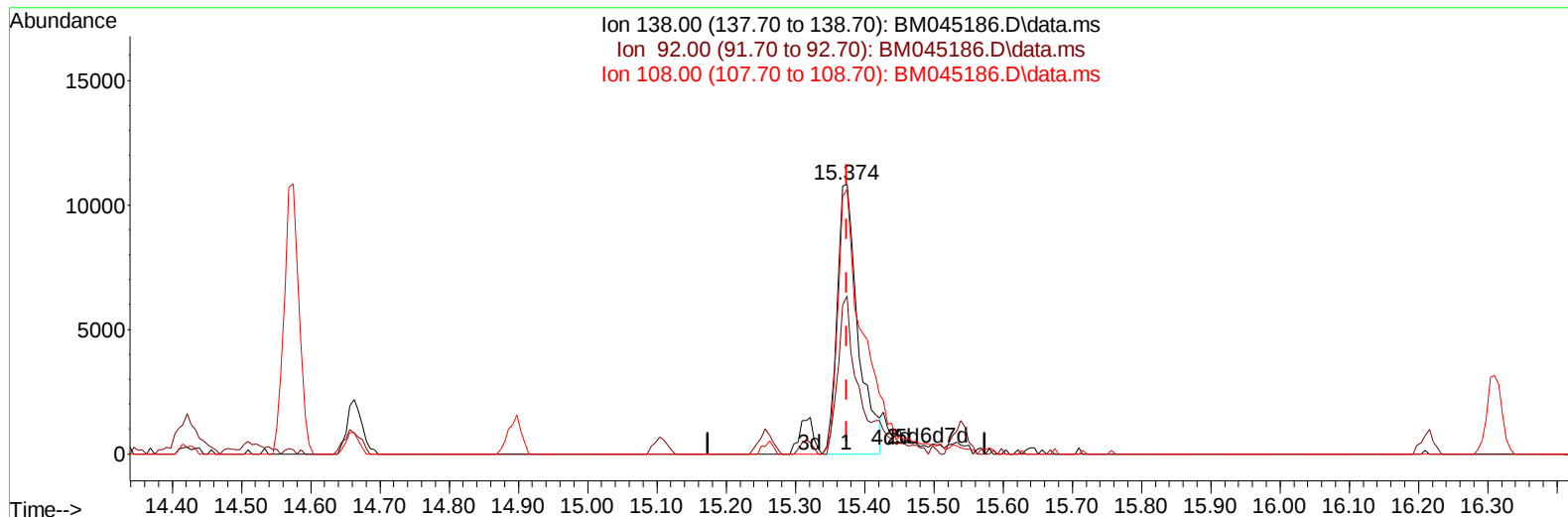
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Data File : BM045186.D
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Instrument :
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LabSampleId :
SSTDCCC020

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TIC: BM045186.D\data.ms

(63) 4-Nitroaniline

15.374min (-0.000) 15.82 ng/ul

response 22668

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	58.61
108.00	83.00	98.37
0.00	0.00	0.00

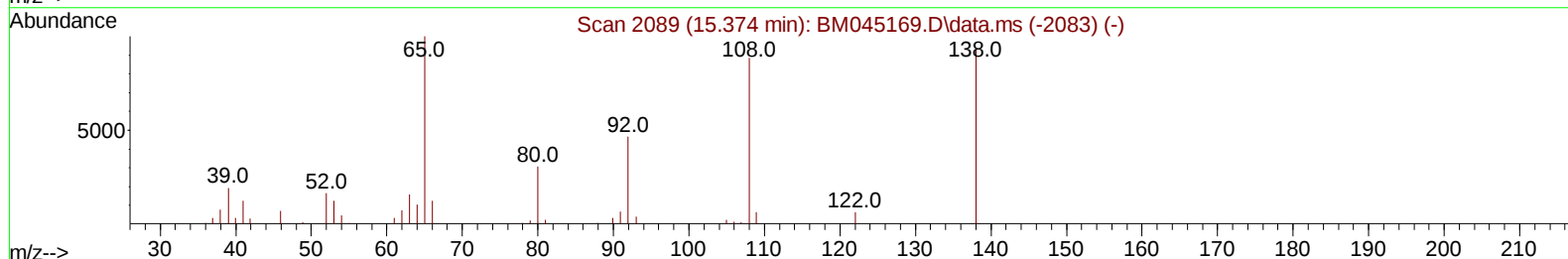
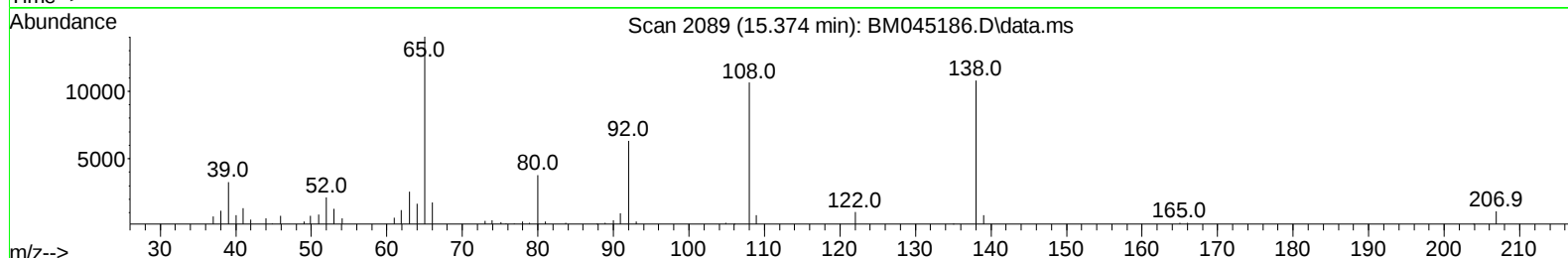
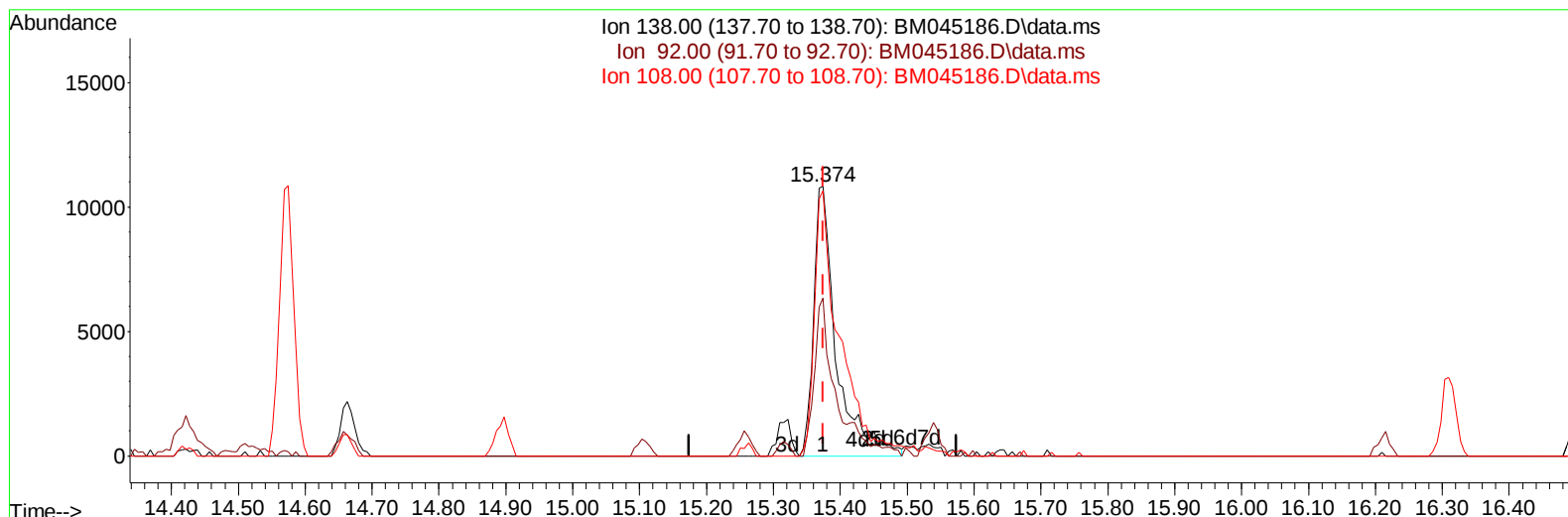
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 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 04/16/2024



TIC: BM045186.D\data.ms

(63) 4-Nitroaniline

15.374min (-0.000) 17.84 ng/ul m

response 25548

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	58.61
108.00	83.00	98.37
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 13 02:23:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	47878	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.380	136	182340	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	101260	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.015	188	186979	20.000	ng/ul	-0.01
79) Chrysene-d12	21.227	240	177474	20.000	ng/ul	0.00
88) Perylene-d12	23.444	264	235472	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	9240	7.207	ng/uL	0.00
4) Pyridine-d5	3.604	84	61550	17.653	ng/ul	0.00
7) Phenol-d5	6.792	99	73538	18.118	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	45747	18.918	ng/ul	0.00
11) 2-Chlorophenol-d4	7.145	132	61651	19.388	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	57214	18.009	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	28736	20.517	ng/ul	0.00
24) 2-Nitrophenol-d4	9.486	143	29860	20.199	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	53046	19.571	ng/ul	0.00
31) 4-Chloroaniline-d4	10.545	131	77835	18.037	ng/ul	0.00
46) Dimethylphthalate-d6	13.686	166	136689	19.387	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	171040	20.535	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	17335	11.781	ng/ul	0.00
60) Fluorene-d10	15.257	176	121443	19.321	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	16610	14.982	ng/ul	0.00
73) Anthracene-d10	17.115	188	174667	20.766	ng/ul	-0.01
81) Pyrene-d10	19.427	212	192553	22.034	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.297	264	227655	19.818	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	9961	7.439	ng/uL#	94
5) Pyridine	3.622	79	62859	17.015	ng/ul	96
6) Benzaldehyde	6.781	77	45765	24.323	ng/ul	98
8) Phenol	6.822	94	76454	18.190	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.063	93	63016	19.210	ng/ul	95
12) 2-Chlorophenol	7.181	128	65541	19.642	ng/ul	98
13) 2-Methylphenol	8.057	108	56466	18.200	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.134	45	72678	18.576	ng/ul	96
16) Acetophenone	8.439	105	90708	17.561	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.422	70	42239	17.319	ng/ul#	93
18) 4-Methylphenol	8.386	108	60161	17.991	ng/ul	95
19) Hexachloroethane	8.663	117	30139	20.537	ng/ul	96
22) Nitrobenzene	8.816	77	71829	20.903	ng/ul	99
23) Isophorone	9.333	82	117064	18.542	ng/ul	99
25) 2-Nitrophenol	9.516	139	33172	20.217	ng/ul	91
26) 2,4-Dimethylphenol	9.575	107	62874	19.876	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.822	93	72829	19.458	ng/ul	96
29) 2,4-Dichlorophenol	10.045	162	54634	19.951	ng/ul	97
30) Naphthalene	10.433	128	200215	20.742	ng/ul	99
32) 4-Chloroaniline	10.569	127	73549	17.516	ng/ul	98
33) Hexachlorobutadiene	10.692	225	35574	20.893	ng/ul	97
34) Caprolactam	11.369	113	14167m	15.324	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	49897	18.330	ng/ul	98

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 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 13 02:23:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.057	142	123137	19.538	ng/ul	94
37) 1-Methylnaphthalene	12.274	142	125974	19.752	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.427	216	60621	21.891	ng/ul	99
40) Hexachlorocyclopentadiene	12.386	237	32488	19.380	ng/ul	99
41) 2,4,6-Trichlorophenol	12.680	196	38040	21.057	ng/ul	87
42) 2,4,5-Trichlorophenol	12.763	196	40764	20.480	ng/ul	92
43) 1,1'-Biphenyl	13.086	154	154691	21.634	ng/ul	99
44) 2-Chloronaphthalene	13.127	162	126396	21.757	ng/ul	98
45) 2-Nitroaniline	13.363	65	31893	19.888	ng/ul	94
47) Dimethylphthalate	13.733	163	142184	19.294	ng/ul	99
48) 2,6-Dinitrotoluene	13.868	165	26821	18.569	ng/ul#	83
50) Acenaphthylene	13.980	152	204554	21.027	ng/ul	99
51) 3-Nitroaniline	14.204	138	28050	17.803	ng/ul	92
52) Acenaphthene	14.321	153	133471	20.562	ng/ul	98
53) 2,4-Dinitrophenol	14.421	184	9393	10.938	ng/ul	95
55) 4-Nitrophenol	14.515	109	16137	12.470	ng/ul#	80
56) Dibenzofuran	14.663	168	177403	19.972	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	38719	17.908	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.898	232	31509	18.496	ng/ul	97
59) Diethylphthalate	15.104	149	133999	17.823	ng/ul	98
61) Fluorene	15.315	166	140937	18.825	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.315	204	63312	18.042	ng/ul	94
63) 4-Nitroaniline	15.374	138	25548m	17.835	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.421	198	19357	16.304	ng/ul#	99
67) N-Nitrosodiphenylamine	15.539	169	109271	21.664	ng/ul	97
68) 4-Bromophenyl-phenylether	16.215	248	38148	20.948	ng/ul	99
69) Hexachlorobenzene	16.309	284	49663	20.965	ng/ul	96
70) Atrazine	16.504	200	33283	17.939	ng/ul	94
71) Pentachlorophenol	16.674	266	22799	15.844	ng/ul	93
72) Phenanthrene	17.062	178	212652	21.134	ng/ul	100
74) Anthracene	17.156	178	216108	20.996	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.039	216	61333	26.025	ng/uL	96
76) Pentachlorobenzene	14.574	250	59996	23.927	ng/uL	98
77) Carbazole	17.439	167	189898	19.134	ng/ul	99
78) Di-n-butylphthalate	18.003	149	191420	17.103	ng/ul	100
80) Fluoranthene	19.092	202	230548	22.368	ng/ul	100
82) Pyrene	19.456	202	248524	22.344	ng/ul	97
83) Butylbenzylphthalate	20.380	149	79809	17.126	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.162	252	70528	17.873	ng/ul	98
85) Benzo(a)anthracene	21.215	228	239768	19.911	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.156	149	105056	14.422	ng/ul	98
87) Chrysene	21.268	228	231636	20.634	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	182168	12.296	ng/ul	100
90) Benzo(b)fluoranthene	22.780	252	263101	19.171	ng/ul	99
91) Benzo(k)fluoranthene	22.821	252	275796	19.965	ng/ul	100
93) Benzo(a)pyrene	23.344	252	264756	19.822	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.662	276	348214	20.126	ng/ul	98
95) Dibenzo(a,h)anthracene	25.679	278	283483	19.597	ng/ul	99
96) Benzo(g,h,i)perylene	26.338	276	291069	21.325	ng/ul	97

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

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/16/2024

