Quantitation Report (Qedit)

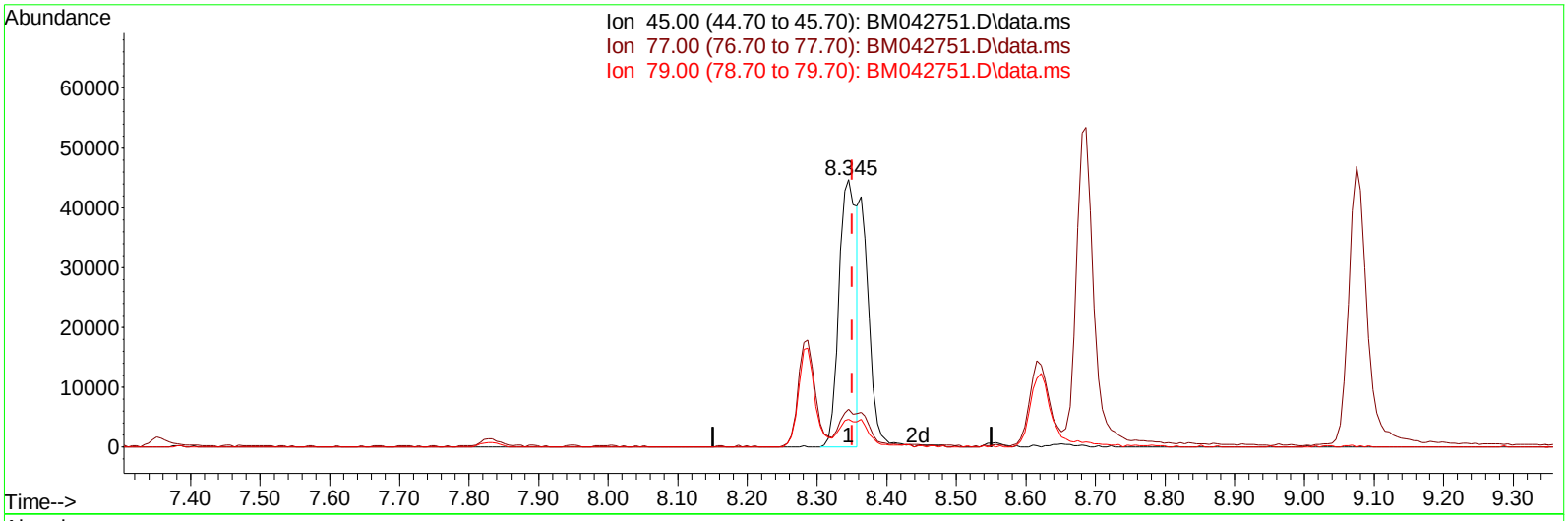
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042751.D
Acq On : 15 Nov 2023 02:11
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 54 Sample Multiplier: 1

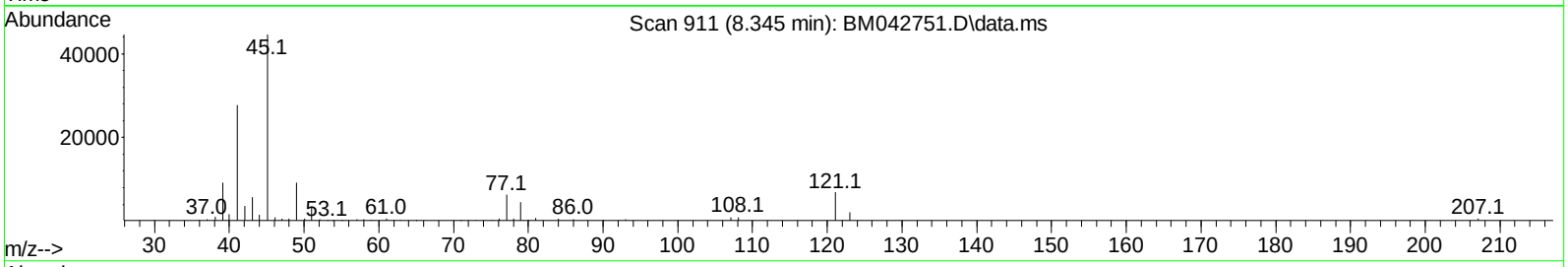
Quant Time: Nov 15 04:45:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

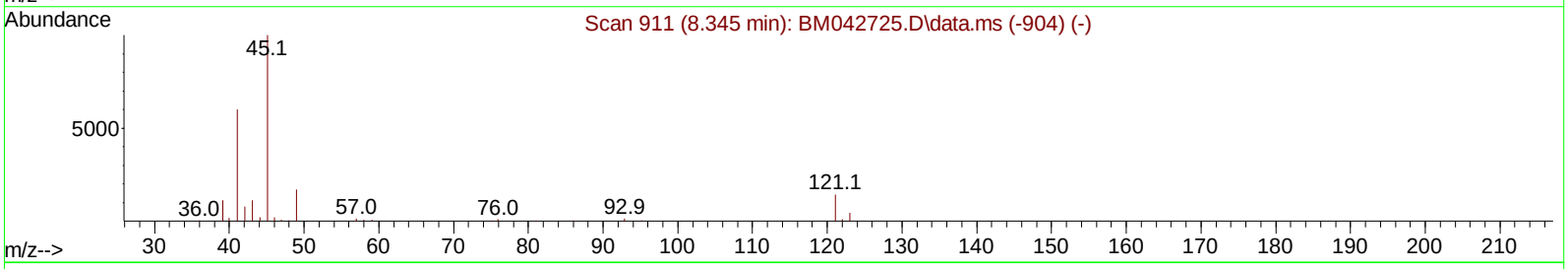
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042751.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.345min (-0.006) 14.96 ng/ul

response 79128

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	14.13
79.00	10.20	10.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
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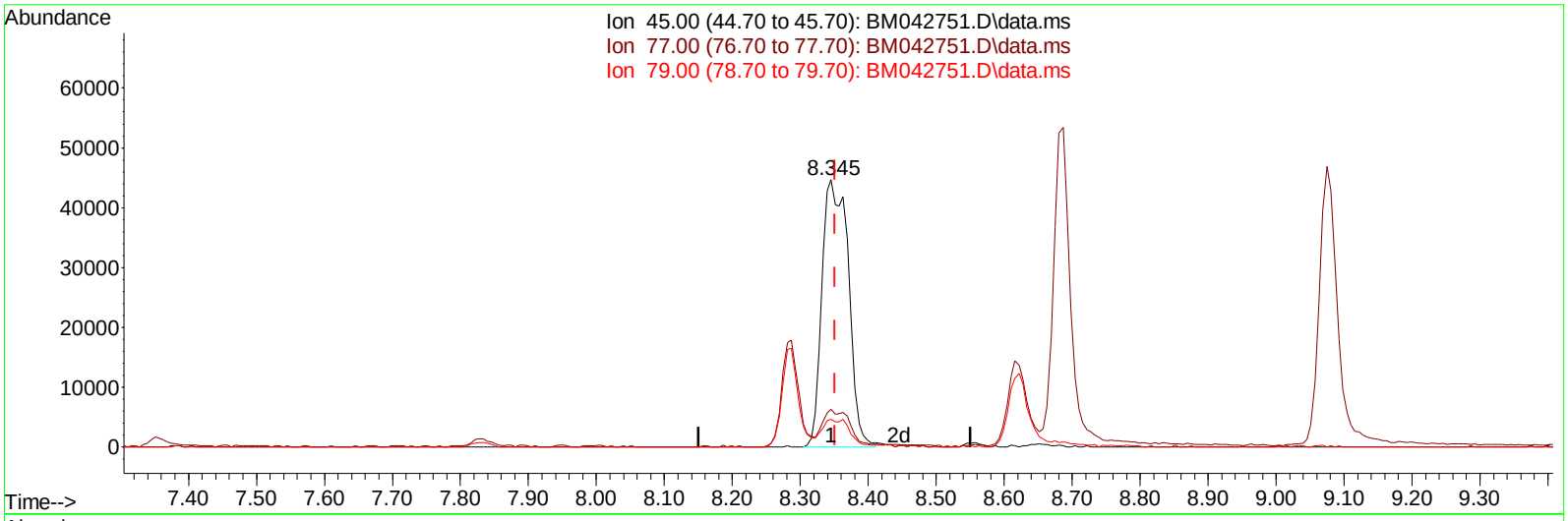

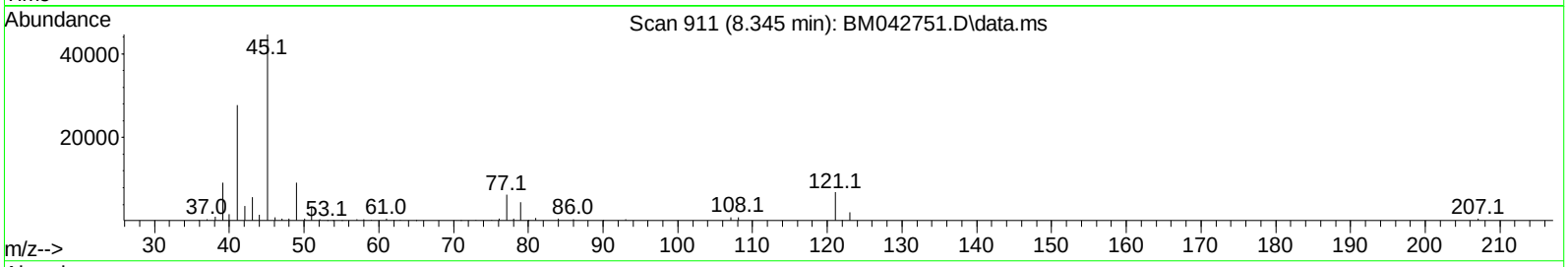

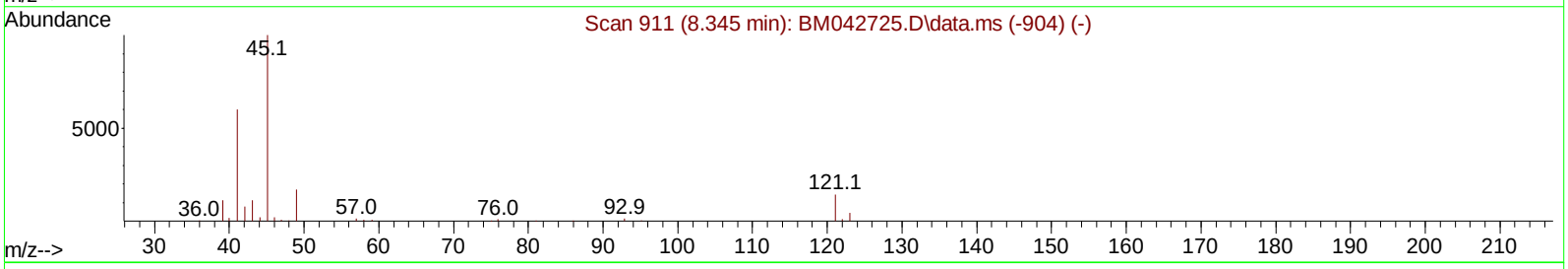

TIC: BM042751.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.345min (-0.006) 22.69 ng/ul m

response 120010

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	14.13
79.00	10.20	10.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
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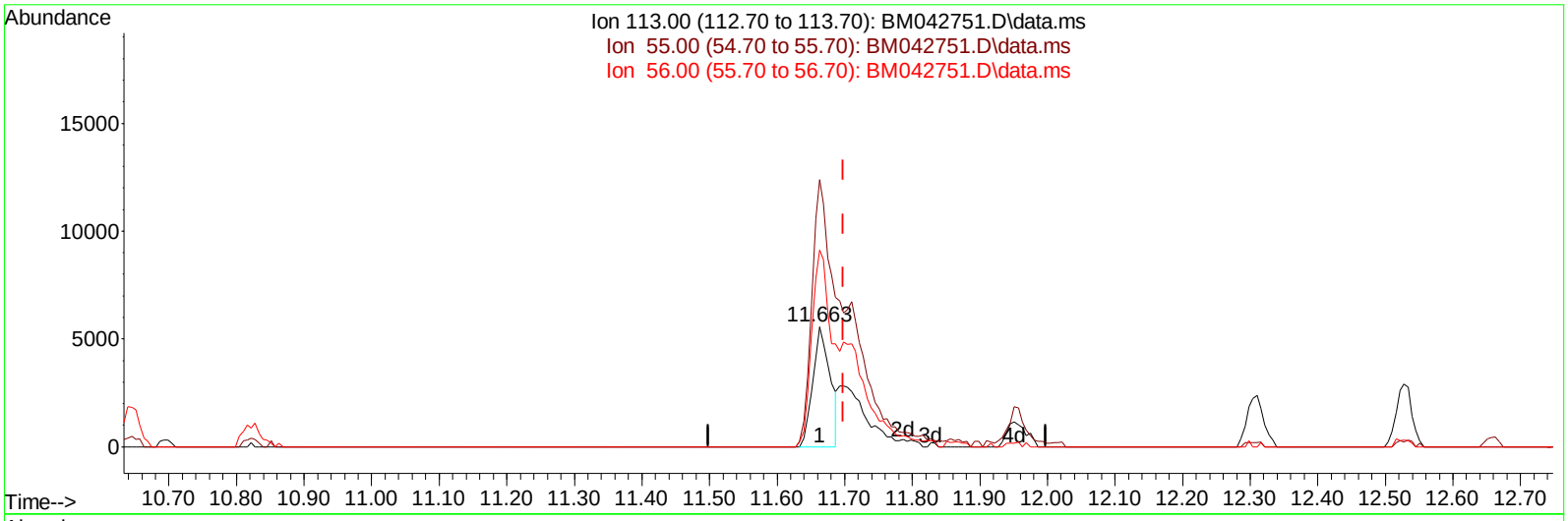

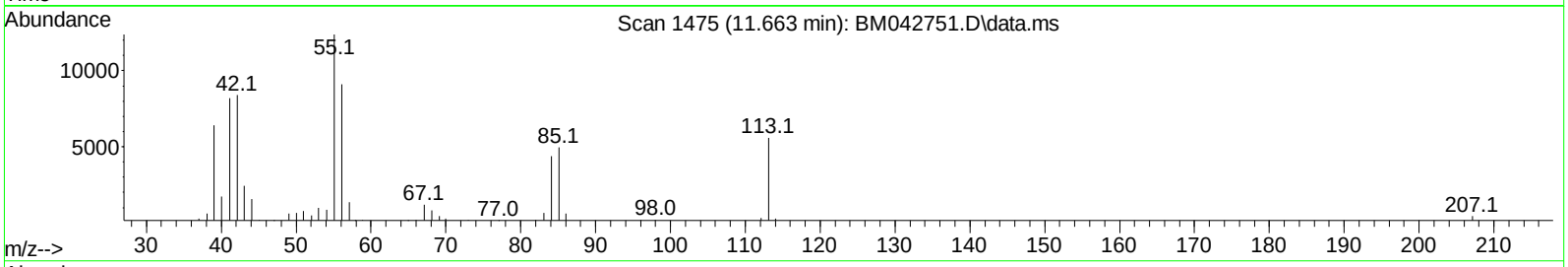

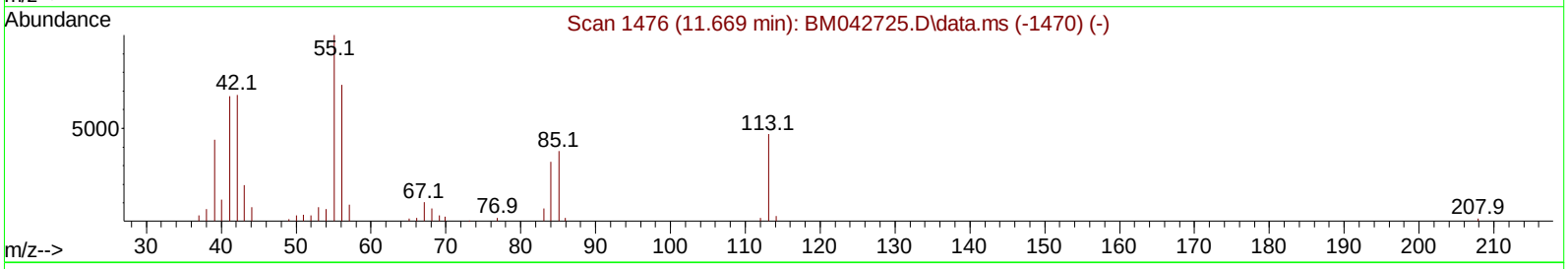

TIC: BM042751.D\data.ms

(34) Caprolactam

11.663min (-0.035) 11.68 ng/ul

response 9936

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	222.08
56.00	167.90	163.47
0.00	0.00	0.00

Quantitation Report (Qedit)

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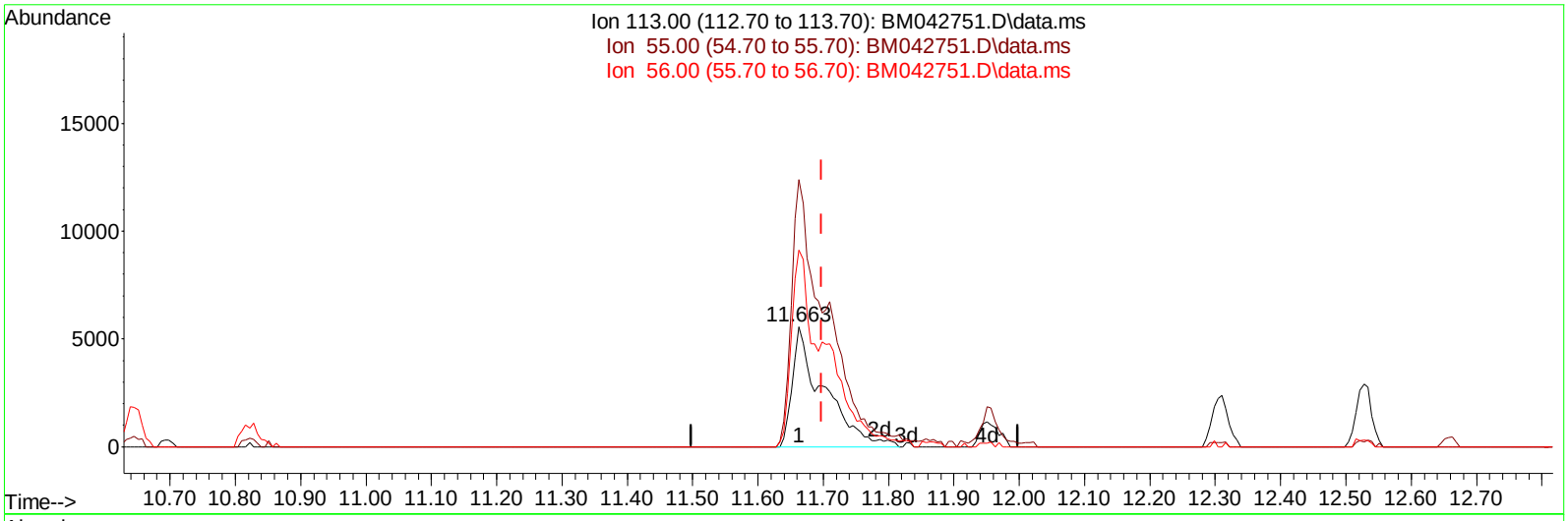

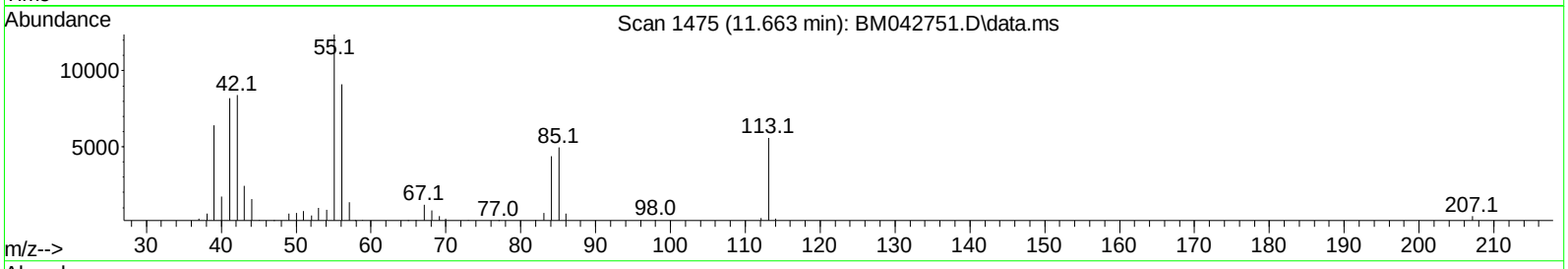

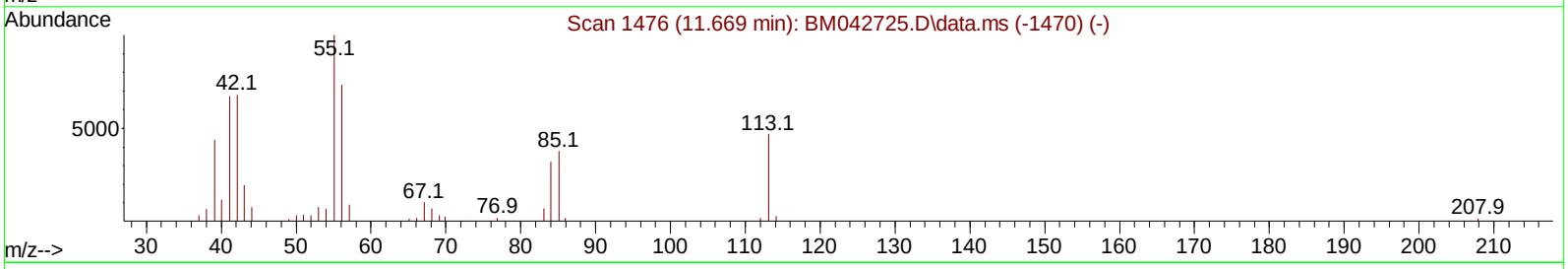

TIC: BM042751.D\data.ms

(34) Caprolactam

11.663min (-0.035) 21.75 ng/ul m

response 18504

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	222.08
56.00	167.90	163.47
0.00	0.00	0.00

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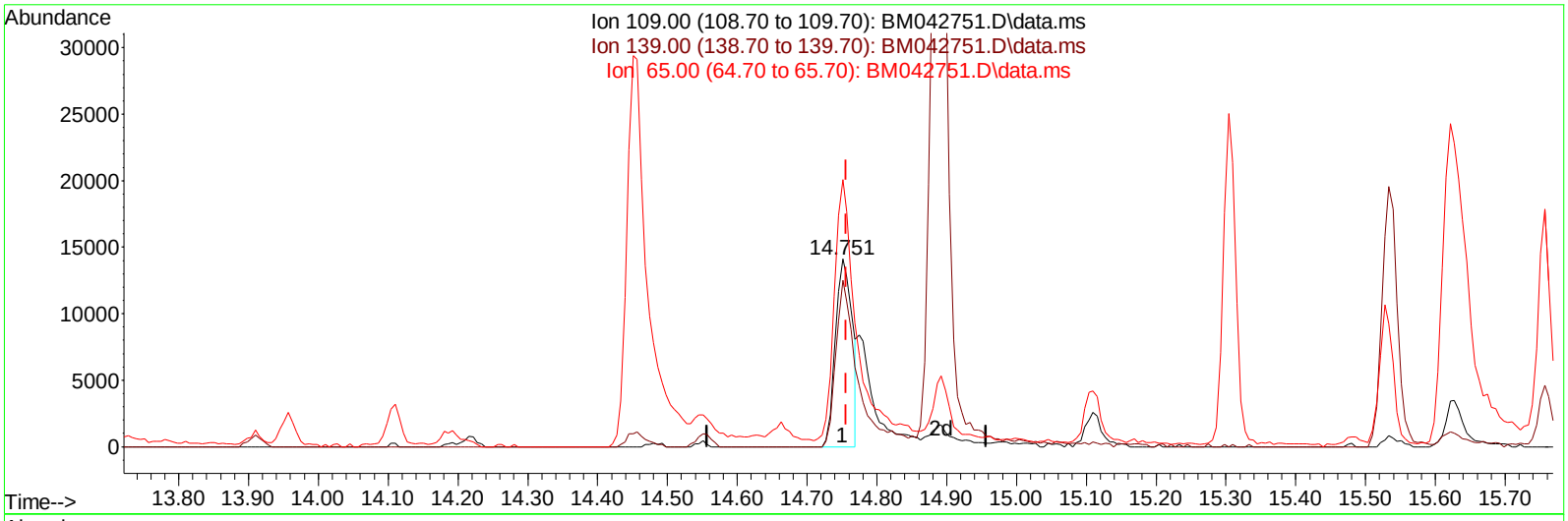

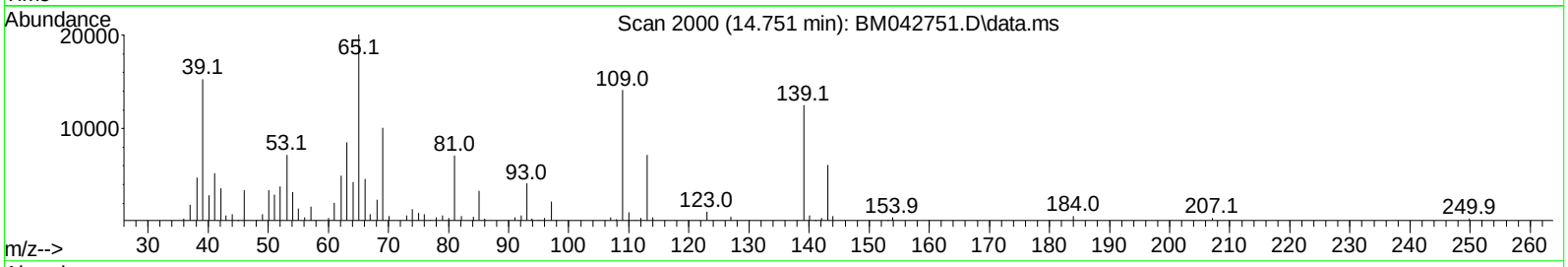

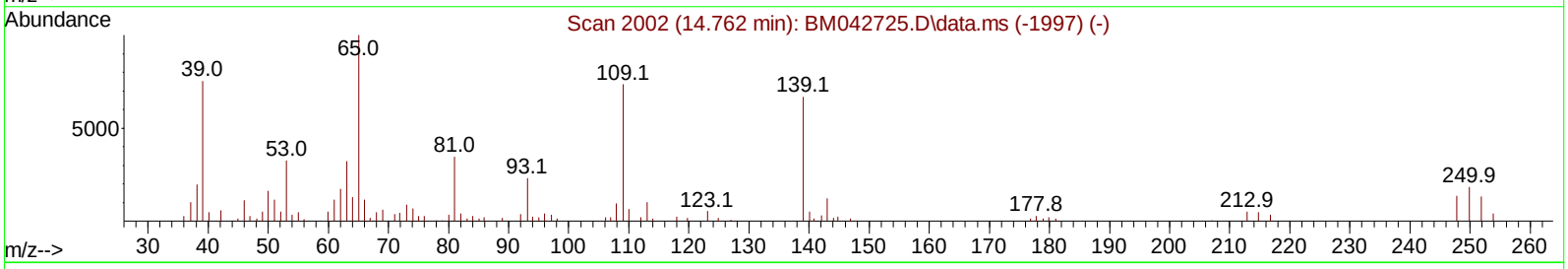

TIC: BM042751.D\data.ms

(55) 4-Nitrophenol

14.751min (-0.006) 11.79 ng/ul

response 23534

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	83.90	88.74
65.00	133.90	142.13
0.00	0.00	0.00

Quantitation Report (Qedit)

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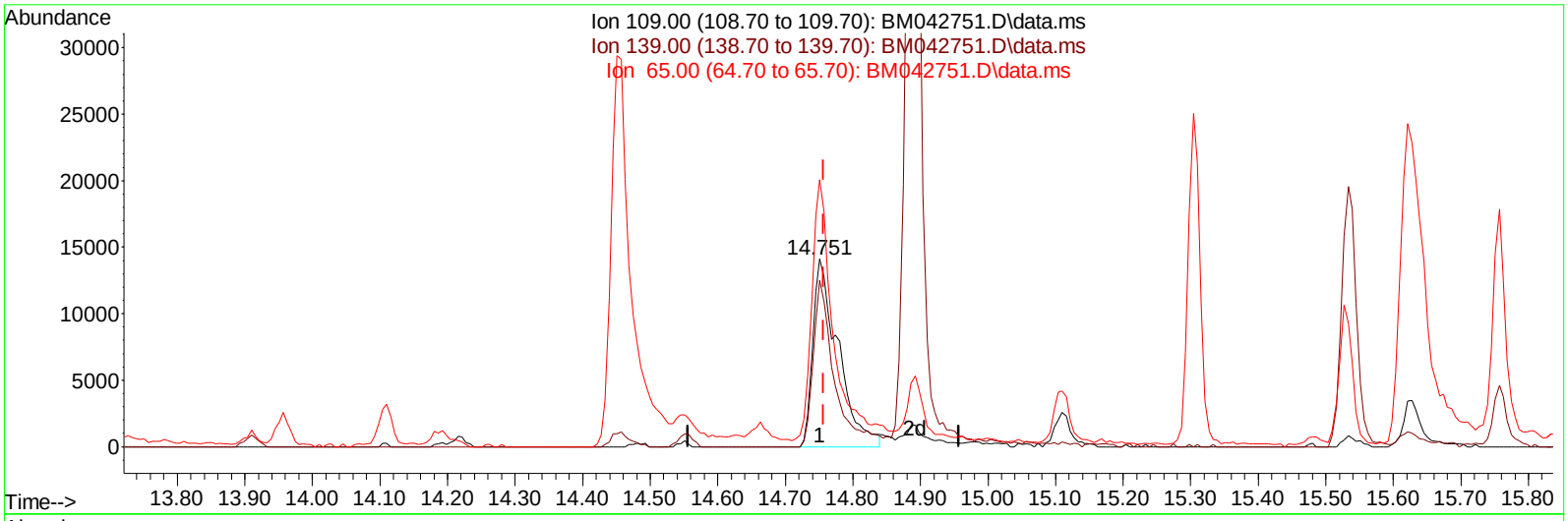

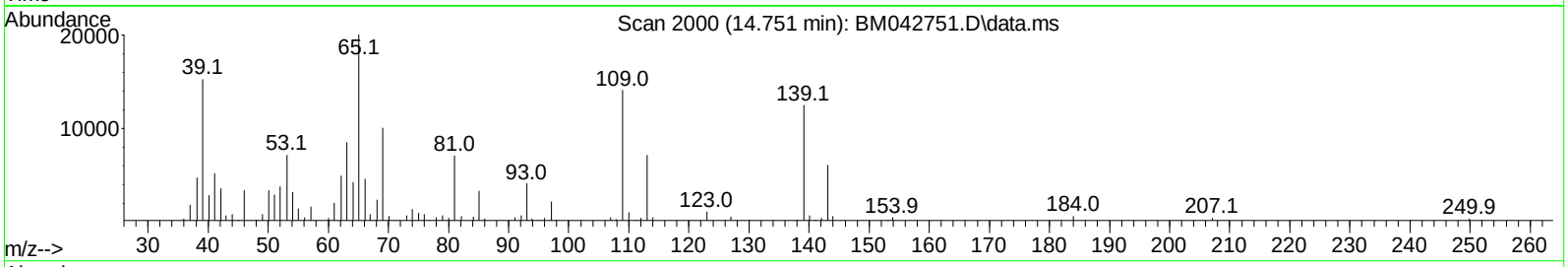

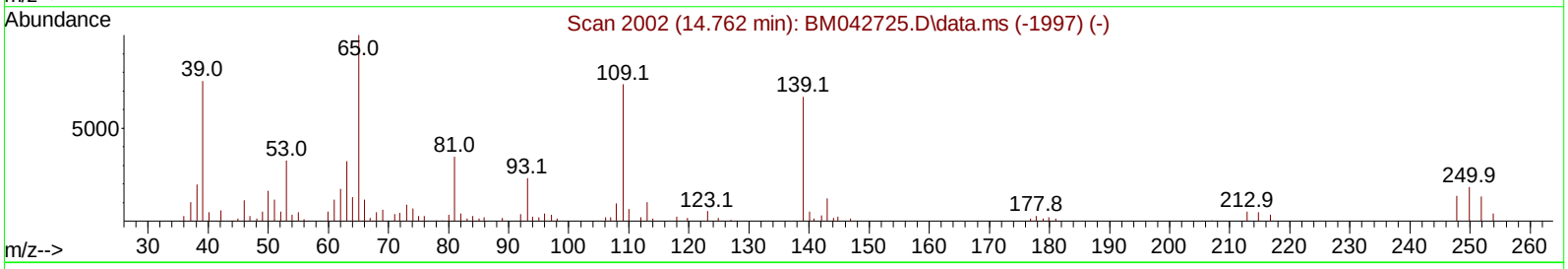

TIC: BM042751.D\data.ms

(55) 4-Nitrophenol

14.751min (-0.006) 18.39 ng/ul m

response 36723

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	83.90	88.74
65.00	133.90	142.13
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
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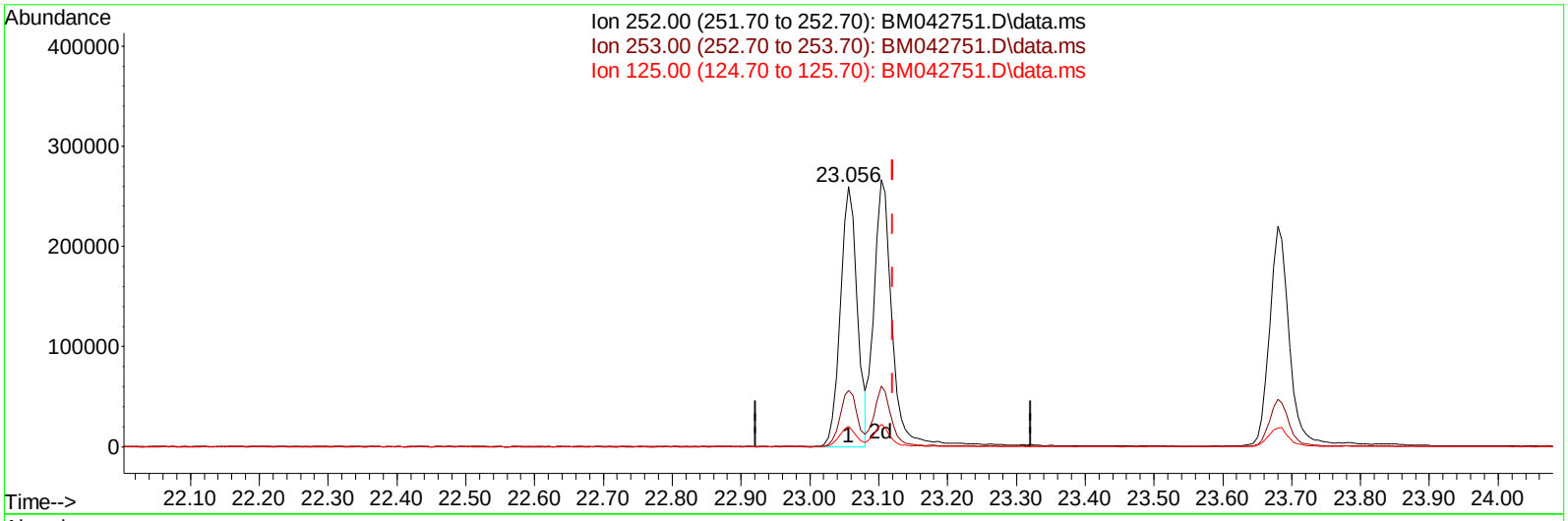

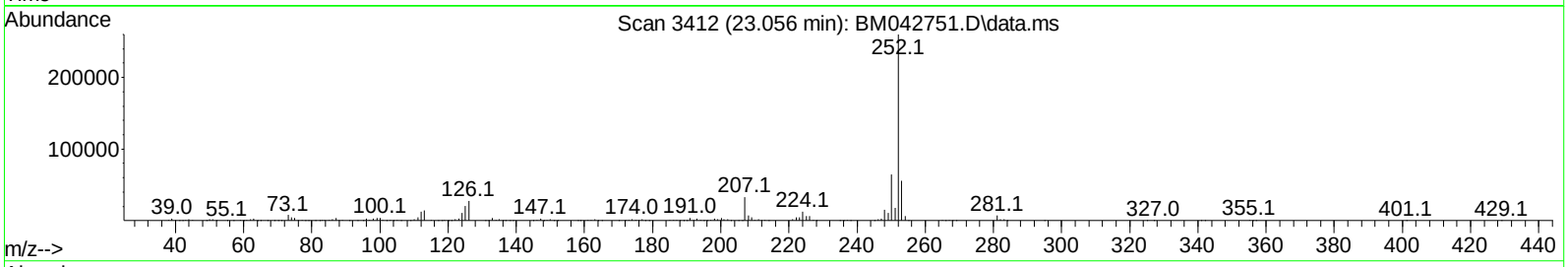

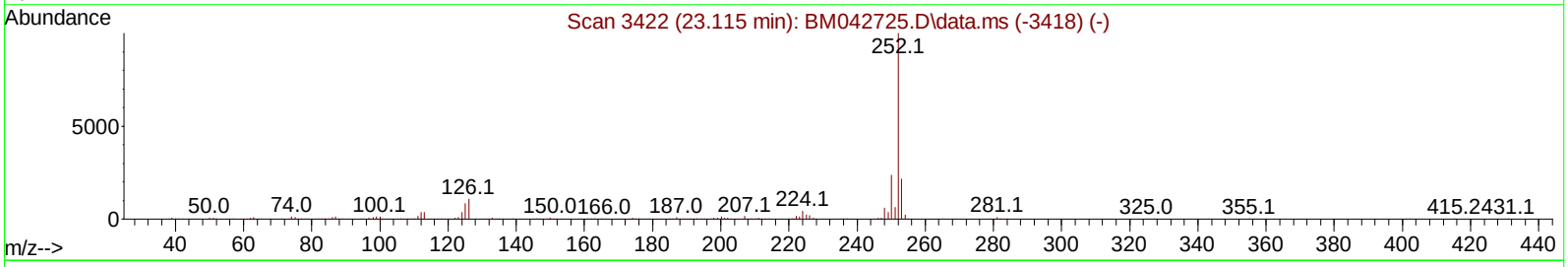

TIC: BM042751.D\data.ms

(91) Benzo(k)fluoranthene

23.056min (-0.065) 17.45 ng/ul

response 441764

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	21.53
125.00	6.90	7.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
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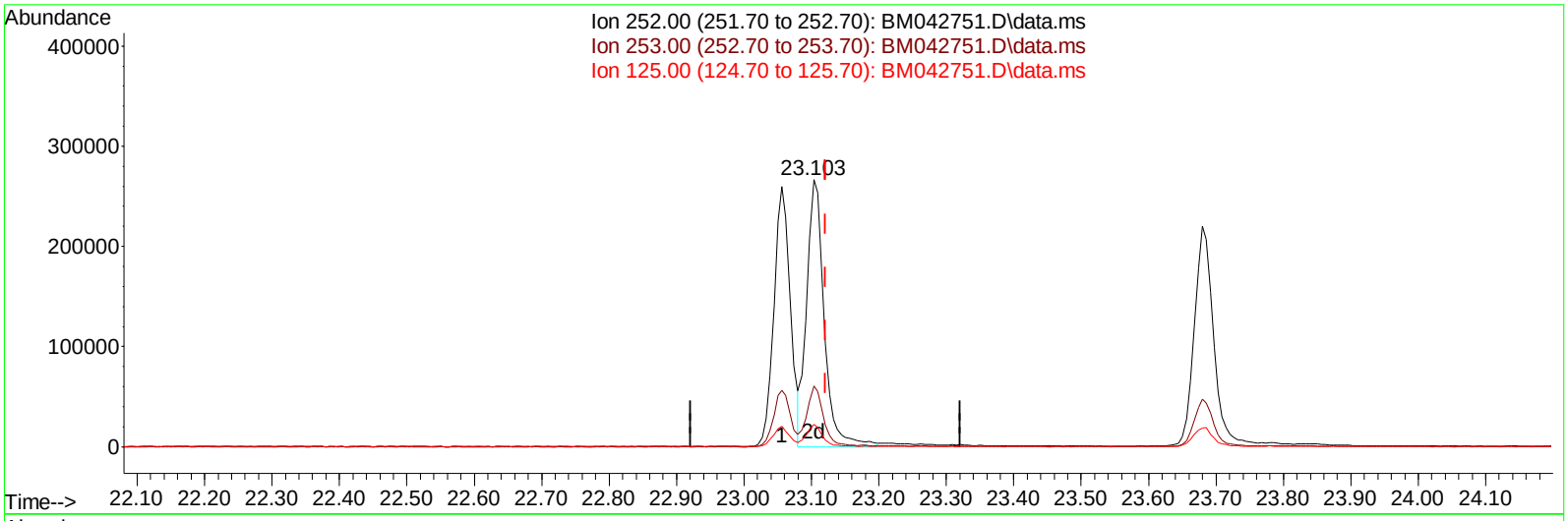

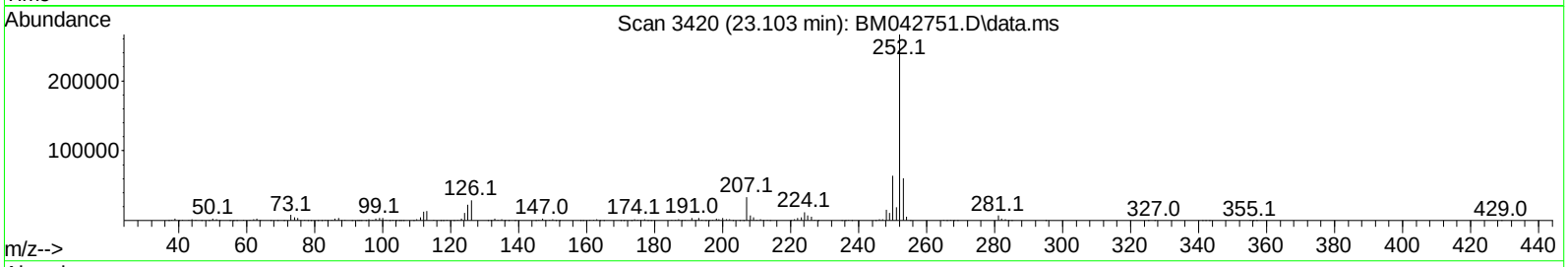

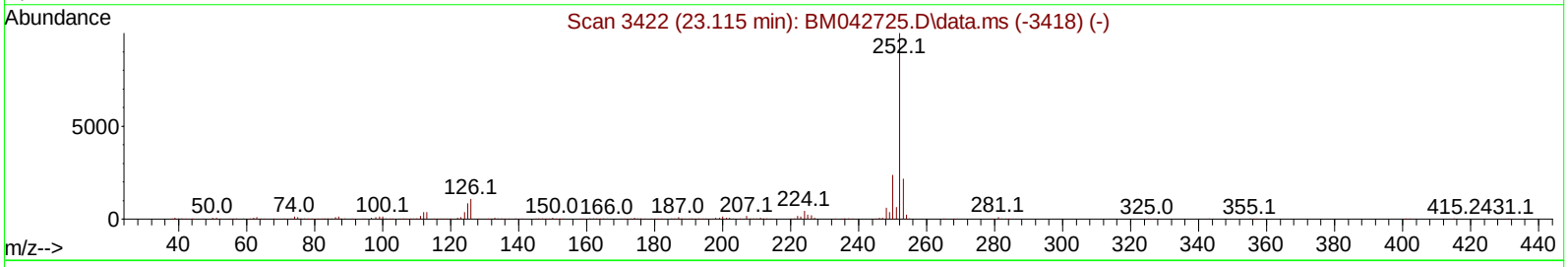

TIC: BM042751.D\data.ms

(91) Benzo(k)fluoranthene

23.103min (-0.018) 19.11 ng/ul m

response 483600

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.70
125.00	6.90	8.50#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	36334	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	158896	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.486	164	118678	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.239	188	275390	20.000	ng/ul	-0.01
79) Chrysene-d12	21.421	240	307436	20.000	ng/ul	-0.01
88) Perylene-d12	23.786	264	348419	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	9075	7.837	ng/uL	0.00
4) Pyridine-d5	3.616	84	60214	20.905	ng/ul	-0.01
7) Phenol-d5	6.998	99	73324	20.735	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	54498	21.932	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	52688	19.310	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	58837	21.131	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	26499	19.021	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	30719	18.849	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	61432	20.273	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	74672	19.408	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	209884	18.686	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	224890	18.713	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.739	143	22290	17.565	ng/ul	0.00
60) Fluorene-d10	15.480	176	172928	18.592	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	36487	17.491	ng/ul	-0.01
73) Anthracene-d10	17.339	188	284386	18.426	ng/ul	-0.01
81) Pyrene-d10	19.633	212	371389	18.448	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.633	264	382371	18.347	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	10145	8.227	ng/uL	96
5) Pyridine	3.640	79	66627	21.273	ng/ul	94
6) Benzaldehyde	6.998	77	50705	24.992	ng/ul	97
8) Phenol	7.028	94	75546	21.478	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	59366	20.432	ng/ul	94
12) 2-Chlorophenol	7.387	128	54889	20.213	ng/ul	91
13) 2-Methylphenol	8.287	108	52776	20.121	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.345	45	120010m	22.690	ng/ul	
16) Acetophenone	8.687	105	96478	20.607	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.651	70	63122	22.148	ng/ul	94
18) 4-Methylphenol	8.622	108	60875	21.347	ng/ul	96
19) Hexachloroethane	8.887	117	30187	19.945	ng/ul	88
22) Nitrobenzene	9.075	77	85148	20.223	ng/ul	95
23) Isophorone	9.581	82	175980	20.985	ng/ul	95
25) 2-Nitrophenol	9.775	139	32104	19.389	ng/ul	95
26) 2,4-Dimethylphenol	9.822	107	70642	19.940	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.075	93	87650	20.684	ng/ul	97
29) 2,4-Dichlorophenol	10.298	162	58709	20.463	ng/ul	98
30) Naphthalene	10.698	128	188617	18.948	ng/ul	99
32) 4-Chloroaniline	10.845	127	73307	19.860	ng/ul	97
33) Hexachlorobutadiene	10.916	225	44886	17.711	ng/ul	94
34) Caprolactam	11.663	113	18504m	21.752	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	66787	21.725	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	131356	19.688	ng/ul	100
37) 1-Methylnaphthalene	12.528	142	139269	19.854	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.657	216	85256	18.317	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	39637	17.988	ng/ul	97
41) 2,4,6-Trichlorophenol	12.922	196	52724	18.545	ng/ul	96
42) 2,4,5-Trichlorophenol	12.998	196	53414	19.457	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	185621	18.755	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	145910	18.326	ng/ul	99
45) 2-Nitroaniline	13.622	65	54245	20.890	ng/ul	93
47) Dimethylphthalate	13.957	163	205076	18.745	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	38941	18.947	ng/ul	96
50) Acenaphthylene	14.216	152	256240	19.029	ng/ul	99
51) 3-Nitroaniline	14.451	138	31741	18.886	ng/ul	99
52) Acenaphthene	14.551	153	173178	19.016	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	17841	17.458	ng/ul	91
55) 4-Nitrophenol	14.751	109	36723m	18.390	ng/ul	
56) Dibenzofuran	14.886	168	238051	18.832	ng/ul	95
57) 2,4-Dinitrotoluene	14.892	165	58876	19.512	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.110	232	54549	19.142	ng/ul#	98
59) Diethylphthalate	15.304	149	213964	18.651	ng/ul	98
61) Fluorene	15.533	166	208640	19.441	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	112102	19.382	ng/ul	99
63) 4-Nitroaniline	15.621	138	31327	20.446	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.645	198	37231	17.531	ng/ul	95
67) N-Nitrosodiphenylamine	15.757	169	160788	18.616	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	65384	17.837	ng/ul	92
69) Hexachlorobenzene	16.504	284	81993	18.297	ng/ul	99
70) Atrazine	16.704	200	62142	18.678	ng/ul	96
71) Pentachlorophenol	16.874	266	45108	17.481	ng/ul	97
72) Phenanthrene	17.286	178	324732	18.875	ng/ul	99
74) Anthracene	17.374	178	322065	18.611	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.275	216	88127	18.098	ng/uL	97
76) Pentachlorobenzene	14.780	250	93687	18.336	ng/uL	98
77) Carbazole	17.668	167	267679	18.733	ng/ul	99
78) Di-n-butylphthalate	18.186	149	380836	18.226	ng/ul	99
80) Fluoranthene	19.298	202	408932	17.815	ng/ul	98
82) Pyrene	19.668	202	448224	18.416	ng/ul	99
83) Butylbenzylphthalate	20.545	149	178368	17.158	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.350	252	132489	16.838	ng/ul	98
85) Benzo(a)anthracene	21.403	228	456622	18.921	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	266706	16.909	ng/ul	99
87) Chrysene	21.462	228	439880	18.794	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	464253	16.495	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	441764	18.579	ng/ul#	99
91) Benzo(k)fluoranthene	23.103	252	483600m	19.106	ng/ul	
93) Benzo(a)pyrene	23.680	252	434515	18.754	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.250	276	549541	19.084	ng/ul	98
95) Dibenzo(a,h)anthracene	26.262	278	450077	18.853	ng/ul	98
96) Benzo(g,h,i)perylene	27.027	276	432111	18.898	ng/ul	98

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

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042751.D
Acq On : 15 Nov 2023 02:11
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Nov 15 04:47:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023