Quantitation Report (Qedit)

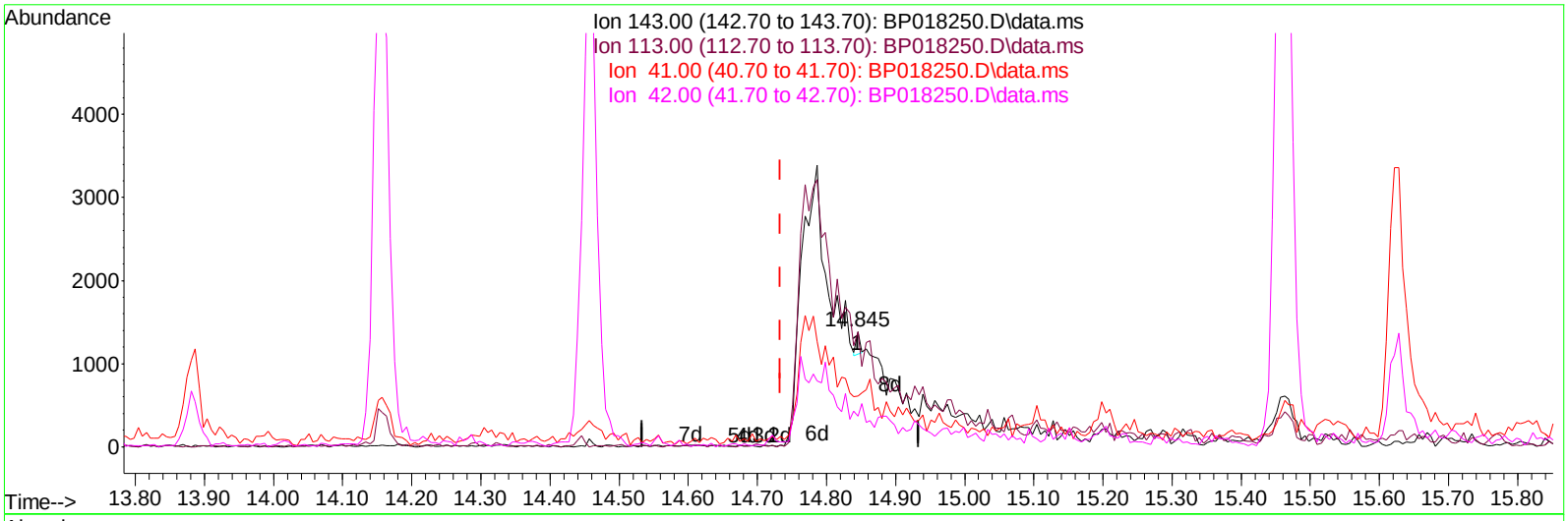
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

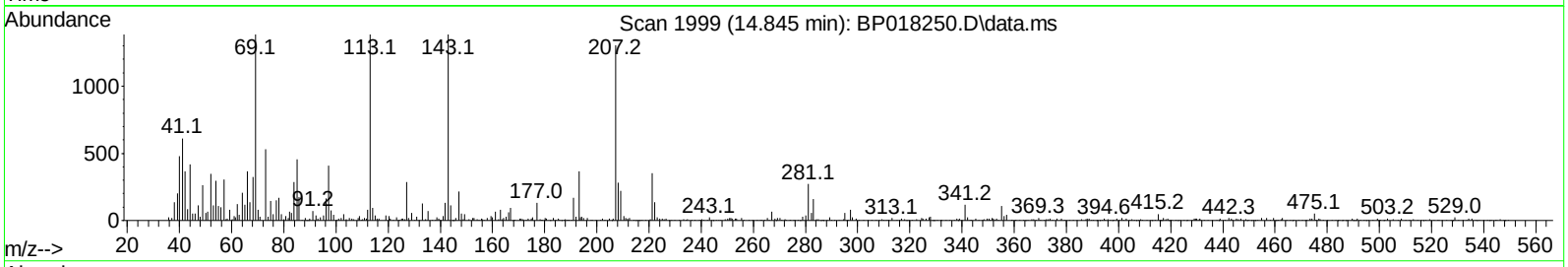
Quant Time: Nov 19 00:49:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

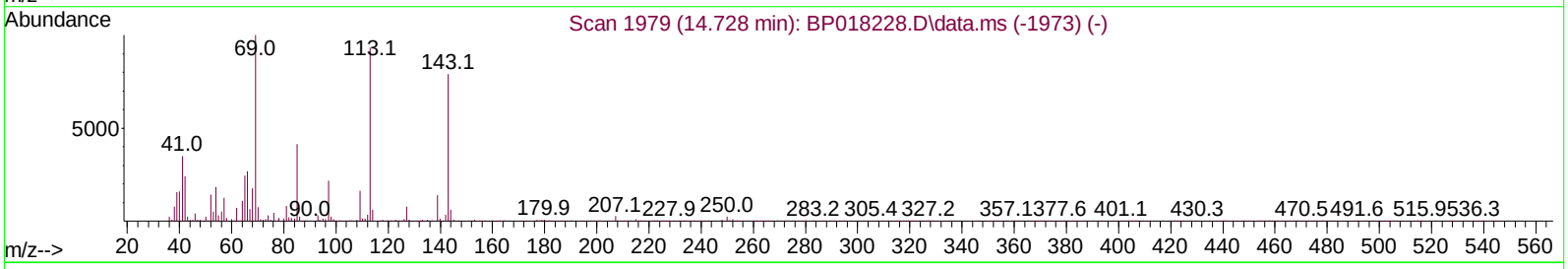
Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BP018250.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.845min (+ 0.112) 0.04 ng/ul

response 104

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	103.00	99.93
41.00	47.70	44.22
42.00	30.10	26.37

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018250.D
Acq On : 18 Nov 2023 08:44
Operator : MA/JU
Sample : 05370-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 19 00:49:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 18:13:37 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

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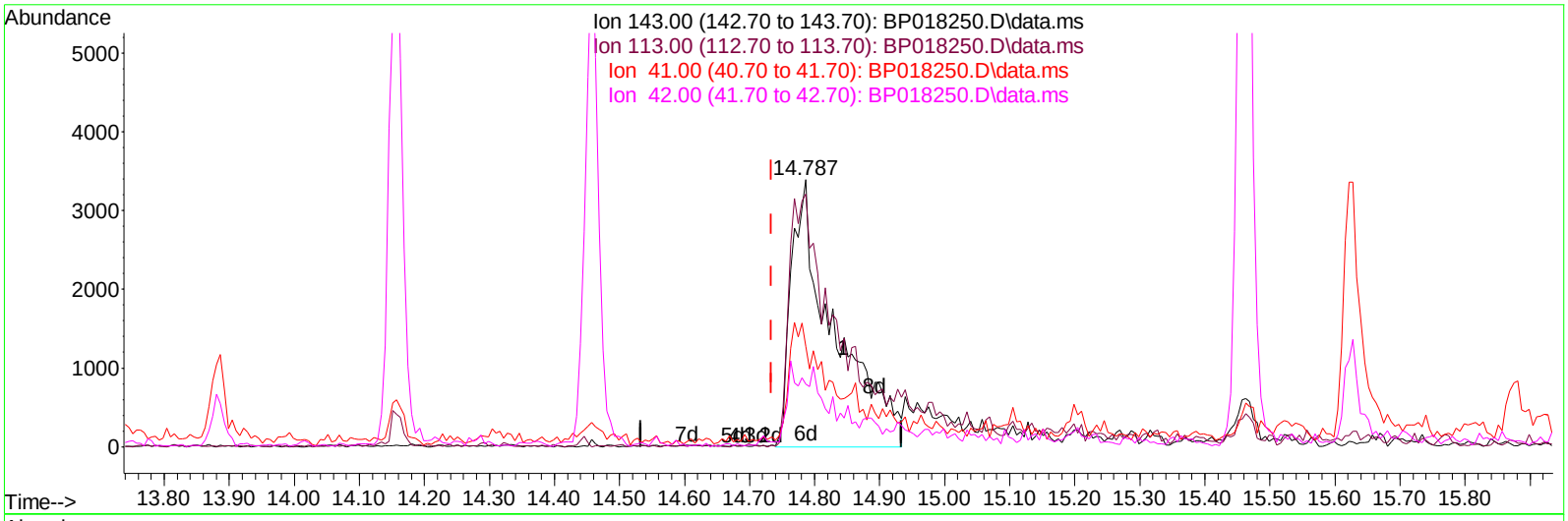
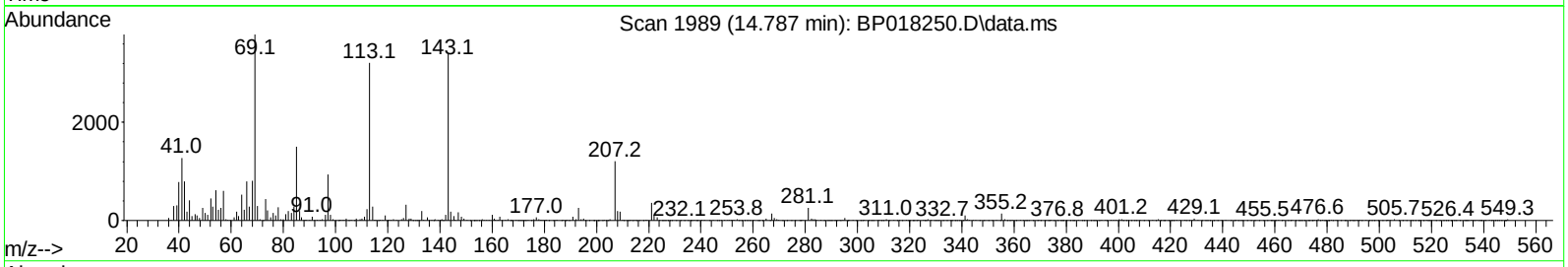
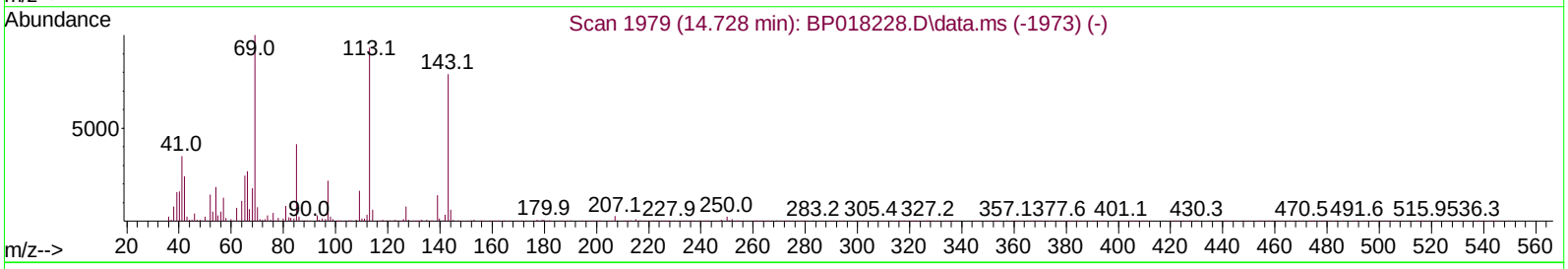
Supervised By :mohammad ahmed 11/20/2023







TIC: BP018250.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.787min (+ 0.053) 6.34 ng/ul m

response 15624

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	103.00	94.75
41.00	47.70	37.51#
42.00	30.10	23.41#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042899.D
Acq On : 19 Nov 2023 10:48
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Nov 19 21:46:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/20/2023
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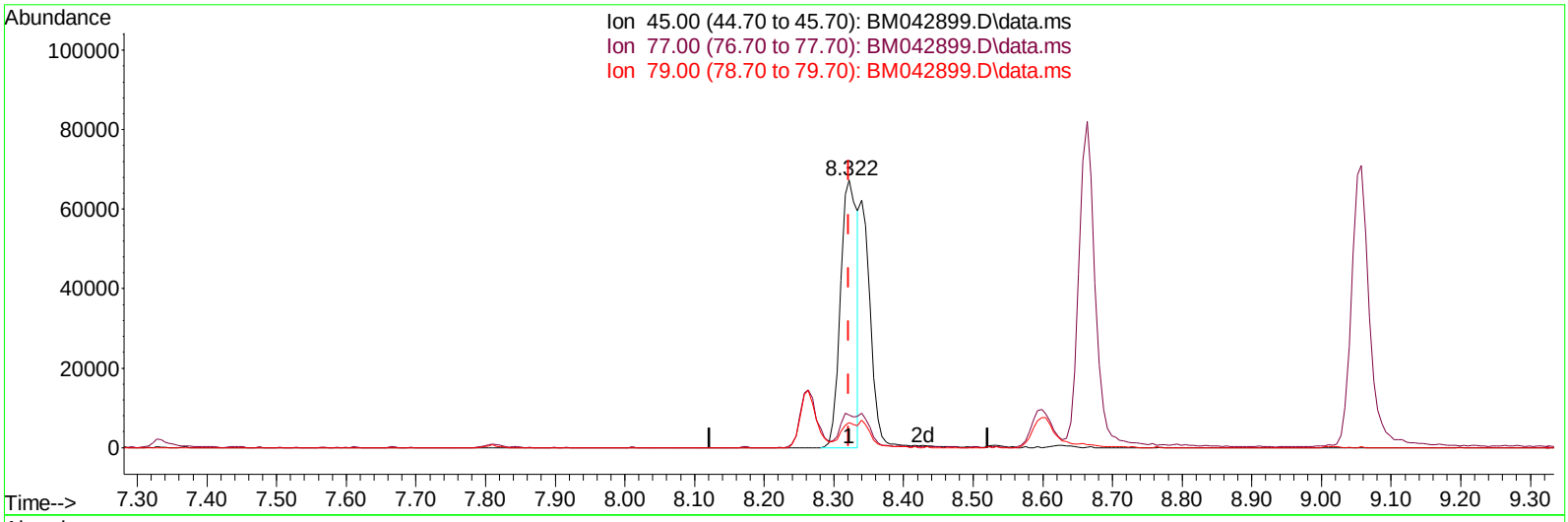
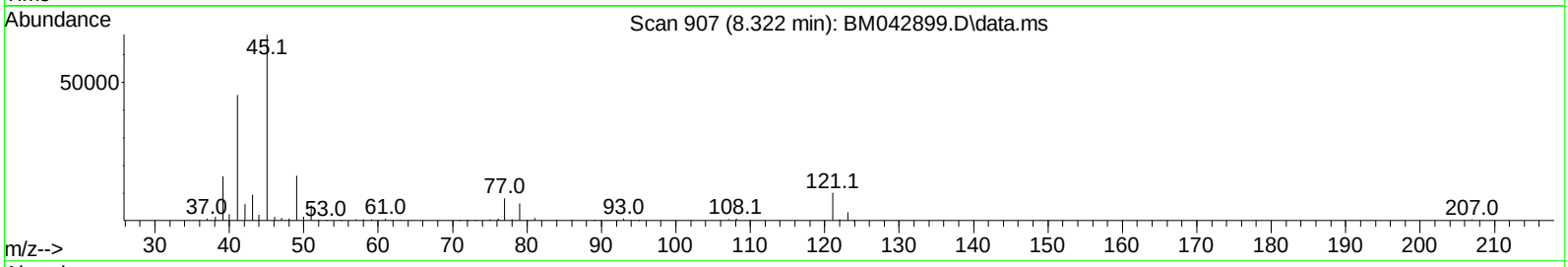
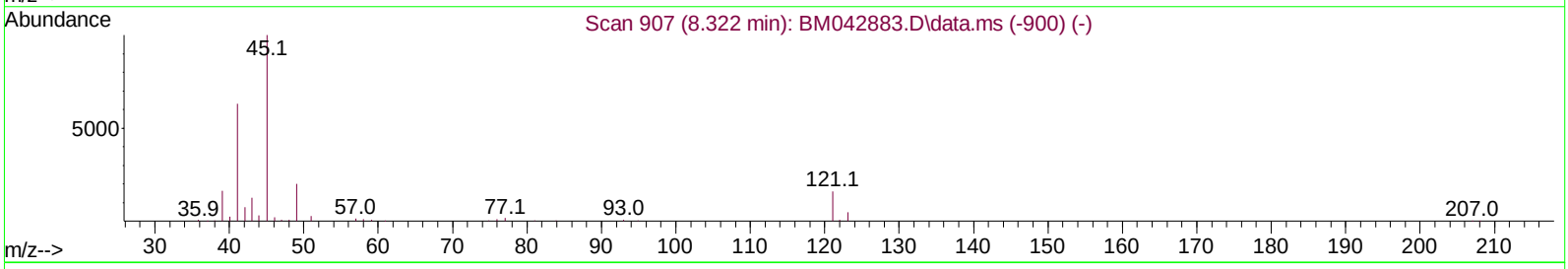






TIC: BM042899.D\data.ms

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

8.322min (+ 0.000) 35.51 ng/ul

response 113387

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	12.11#
79.00	10.20	9.44
0.00	0.00	0.00

Quantitation Report (Qedit)

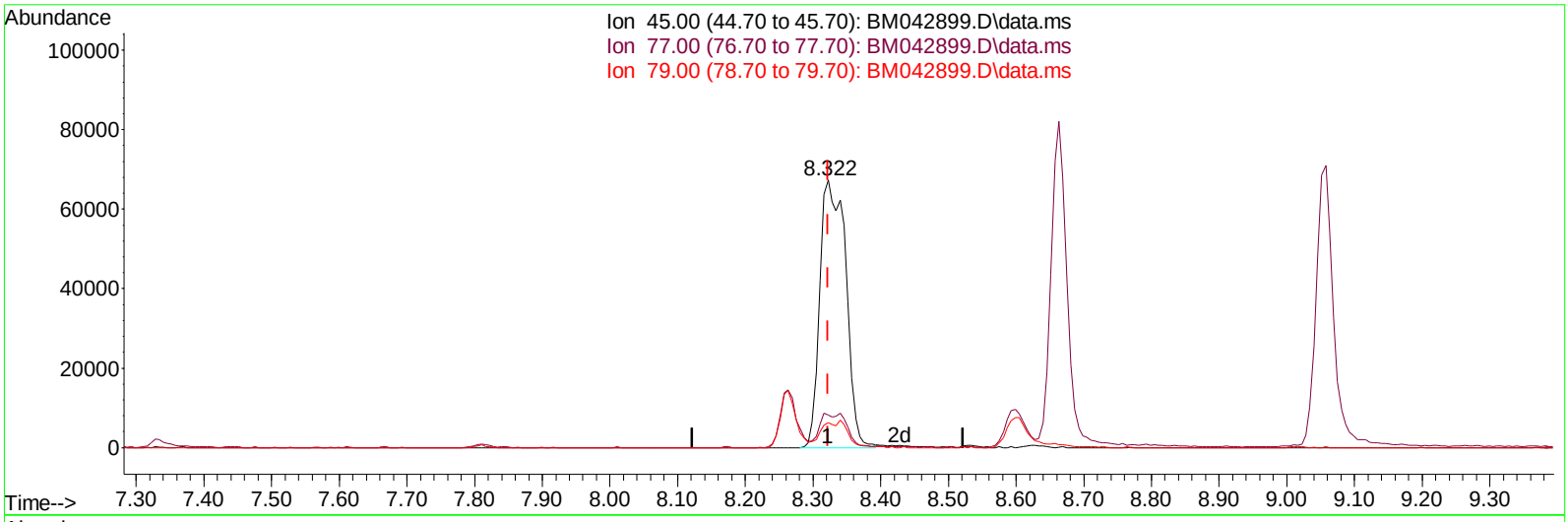
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042899.D
Acq On : 19 Nov 2023 10:48
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

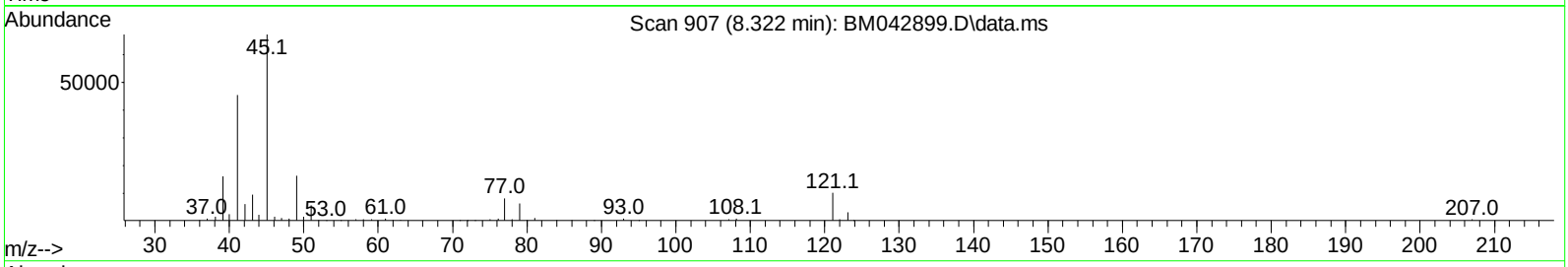
Quant Time: Nov 19 21:46:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

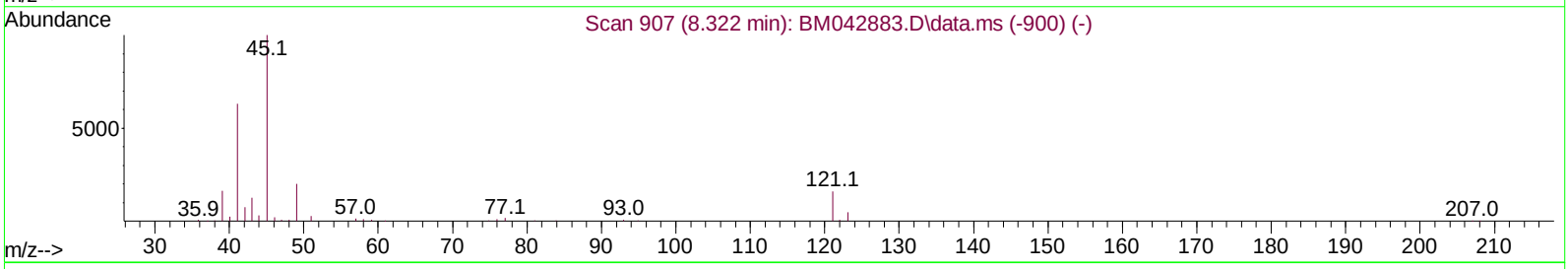
Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BM042899.D\data.ms

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

8.322min (+ 0.000) 56.13 ng/ul m

response 179217

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	12.11#
79.00	10.20	9.44
0.00	0.00	0.00

Quantitation Report (Qedit)

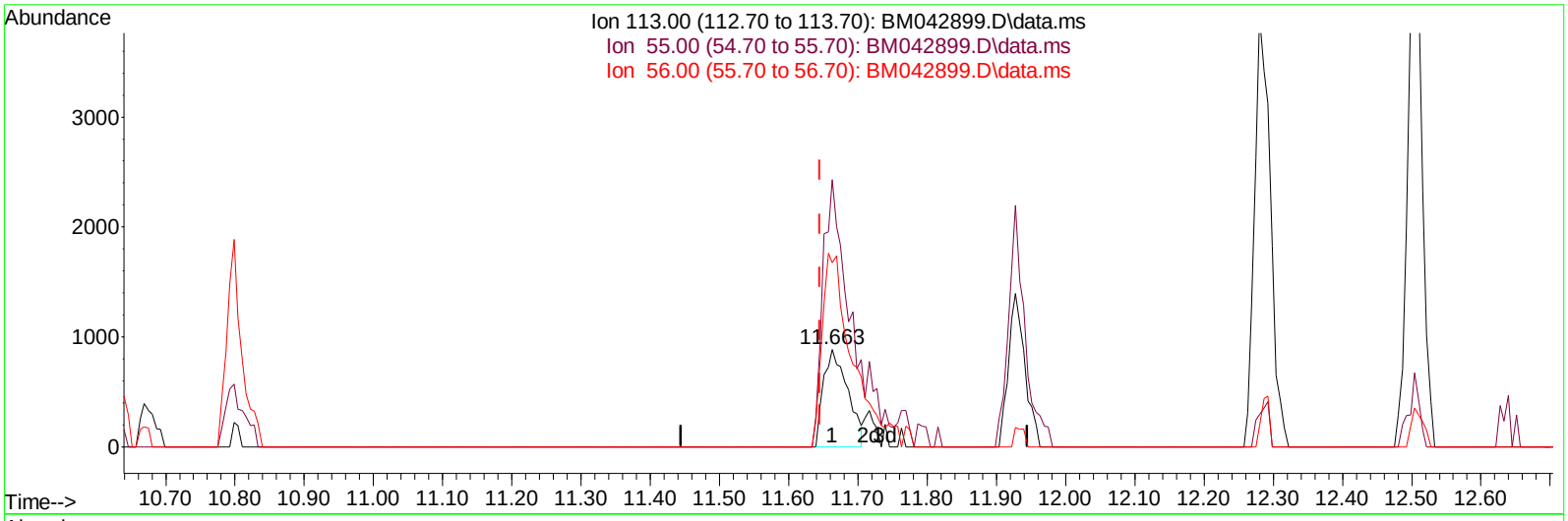
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042899.D
Acq On : 19 Nov 2023 10:48
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

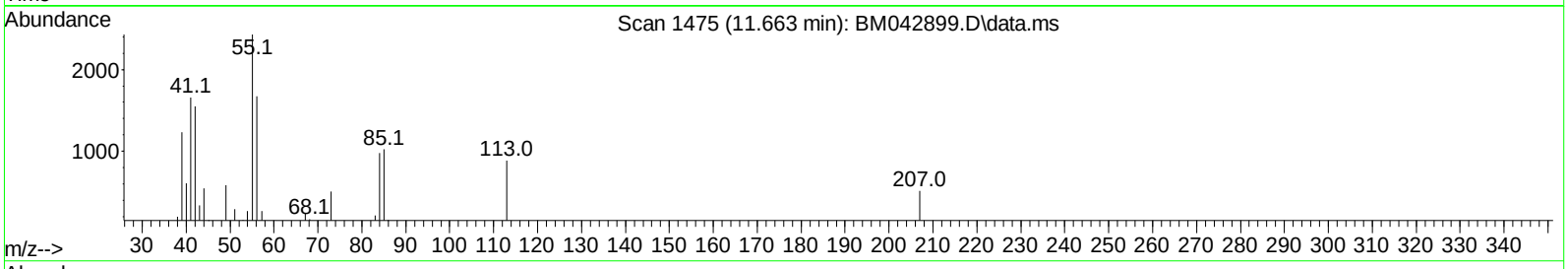
Quant Time: Nov 19 21:46:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

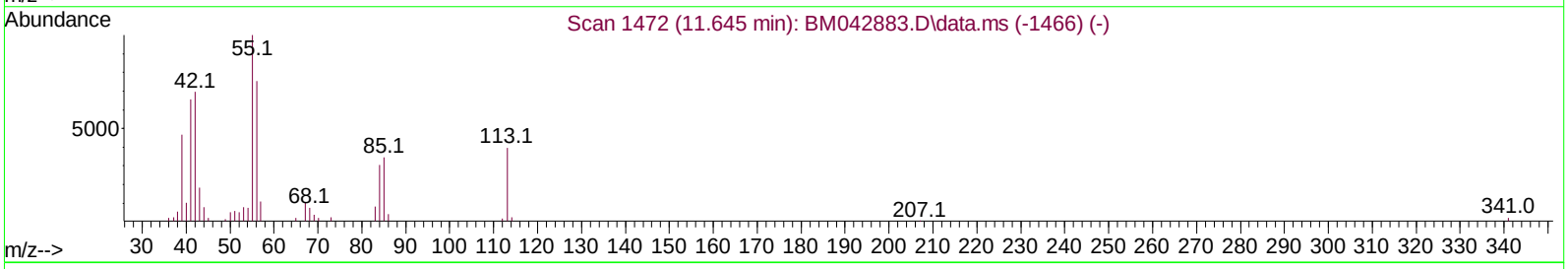
Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BM042899.D\data.ms

(34) Caprolactam

11.663min (+ 0.018) 4.58 ng/ul

response 2135

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	274.15
56.00	167.90	189.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042899.D
Acq On : 19 Nov 2023 10:48
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Nov 19 21:46:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/20/2023
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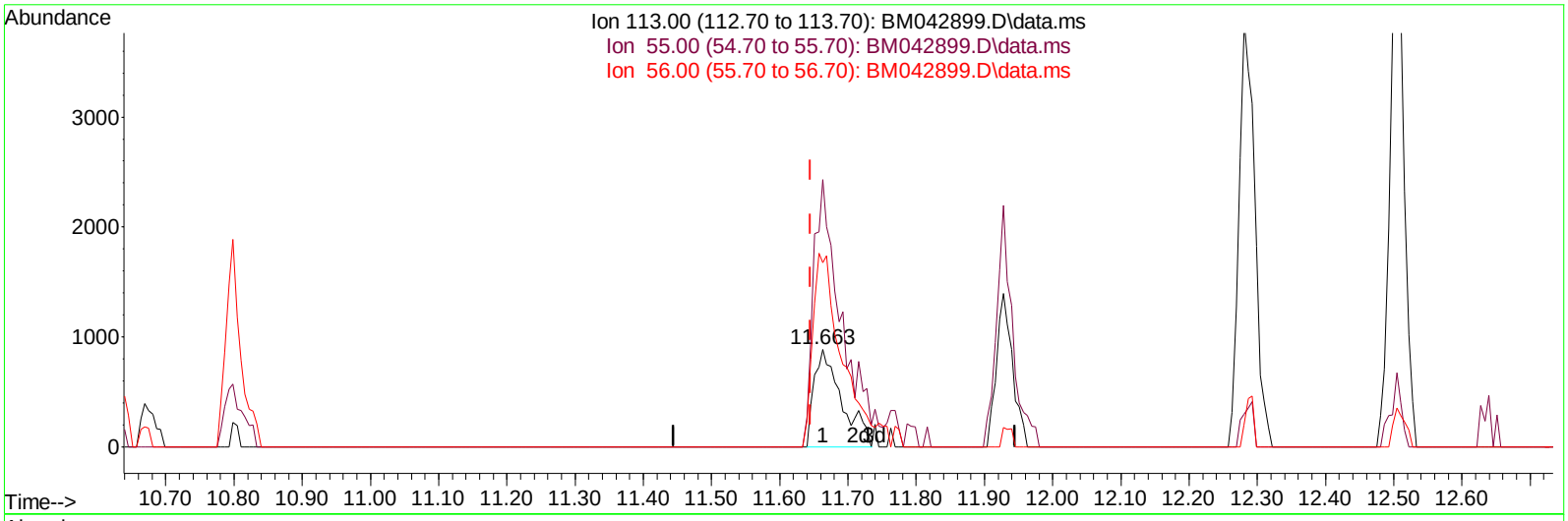

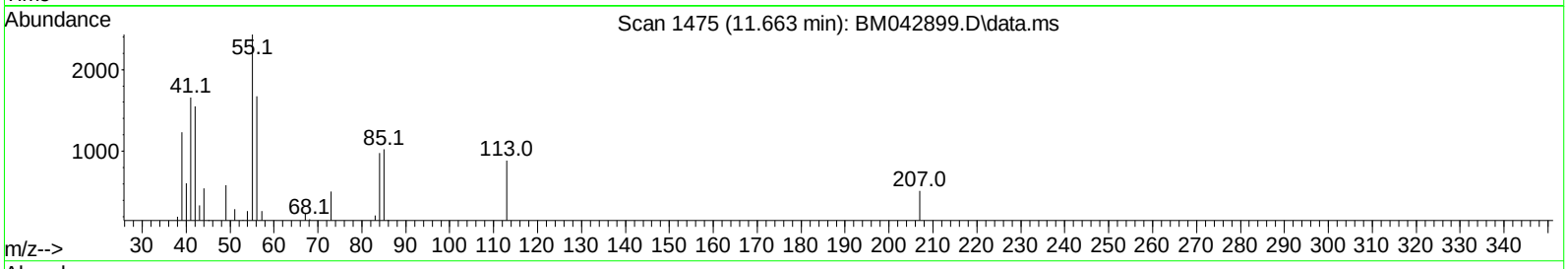

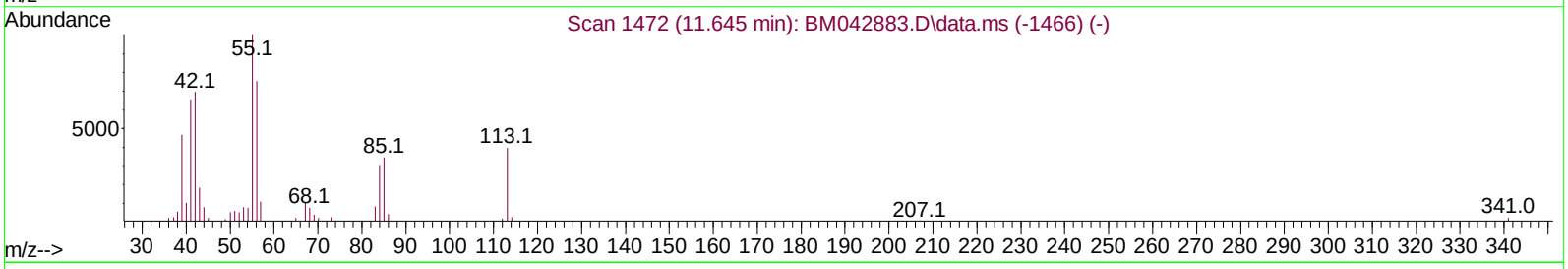

TIC: BM042899.D\data.ms

(34) Caprolactam

11.663min (+ 0.018) 5.32 ng/ul m

response 2480

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.20	274.15
56.00	167.90	189.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042899.D
Acq On : 19 Nov 2023 10:48
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Nov 19 21:46:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

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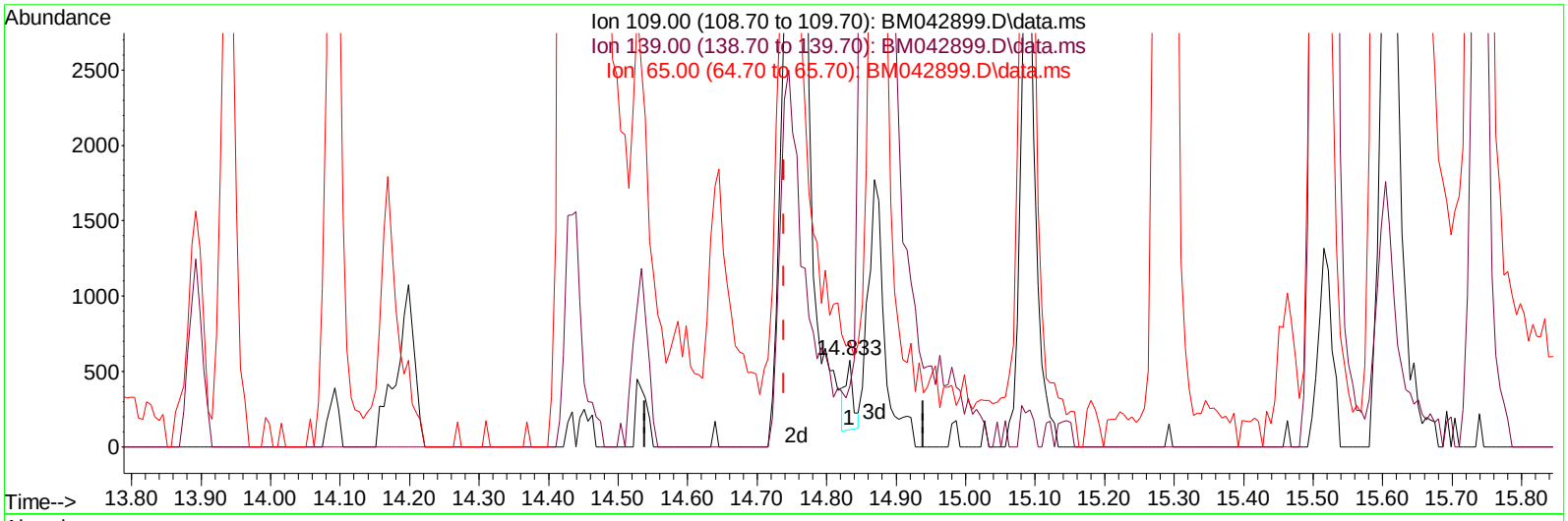

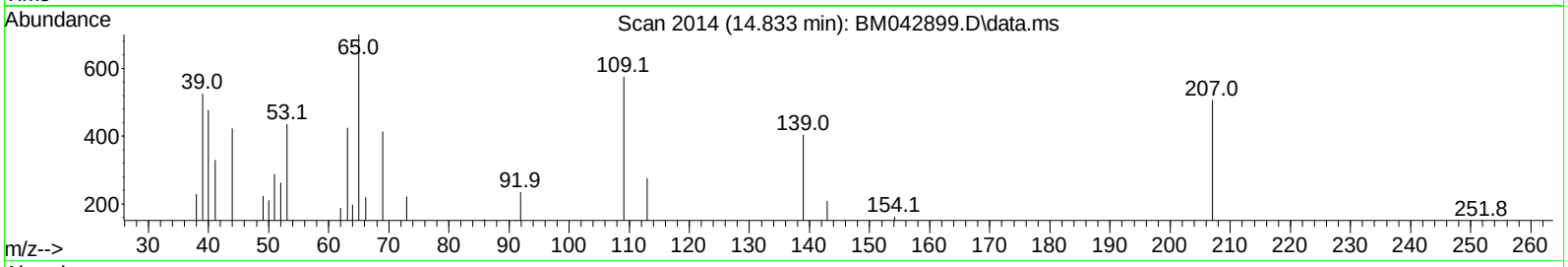

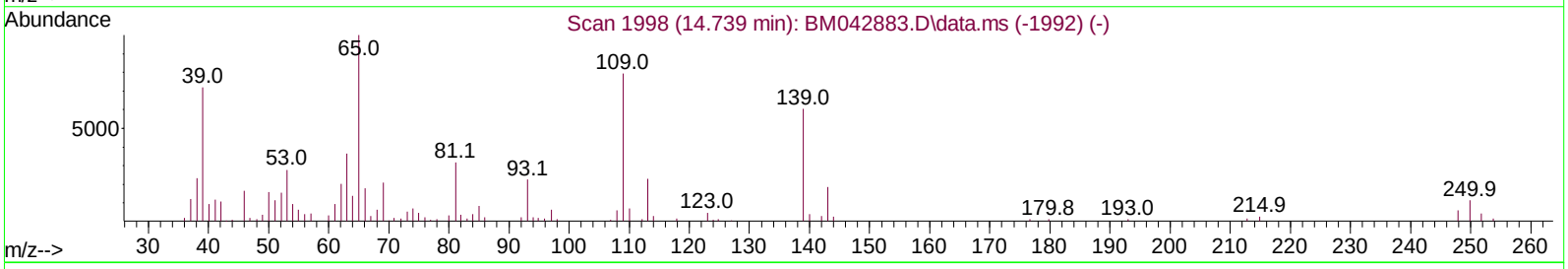

TIC: BM042899.D\data.ms

(55) 4-Nitrophenol

14.833min (+ 0.094) 0.36 ng/ul

response 343

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	83.90	70.14
65.00	133.90	121.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042899.D
Acq On : 19 Nov 2023 10:48
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Nov 19 21:46:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
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Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/20/2023
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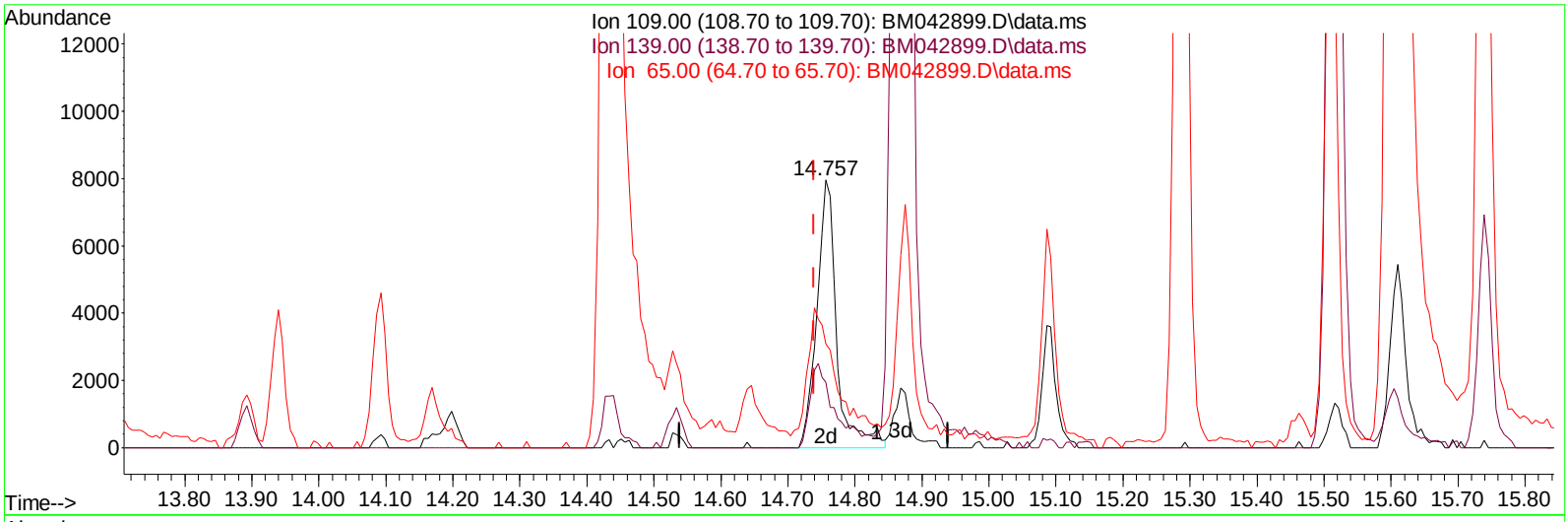

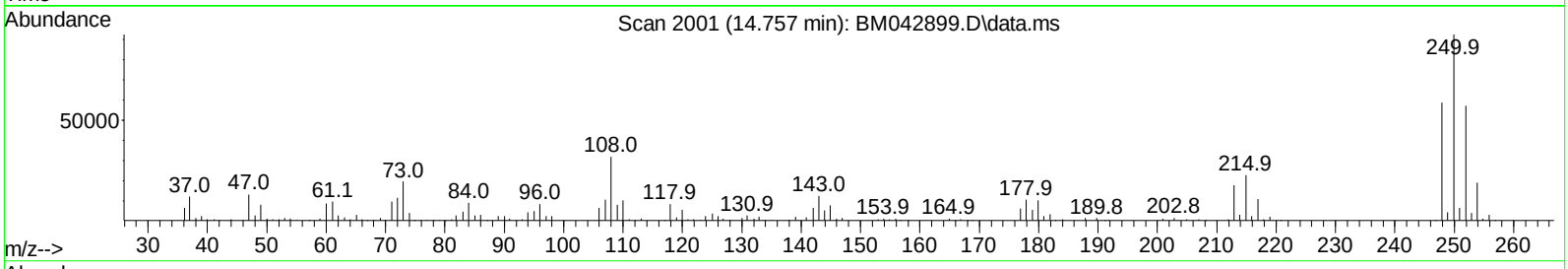

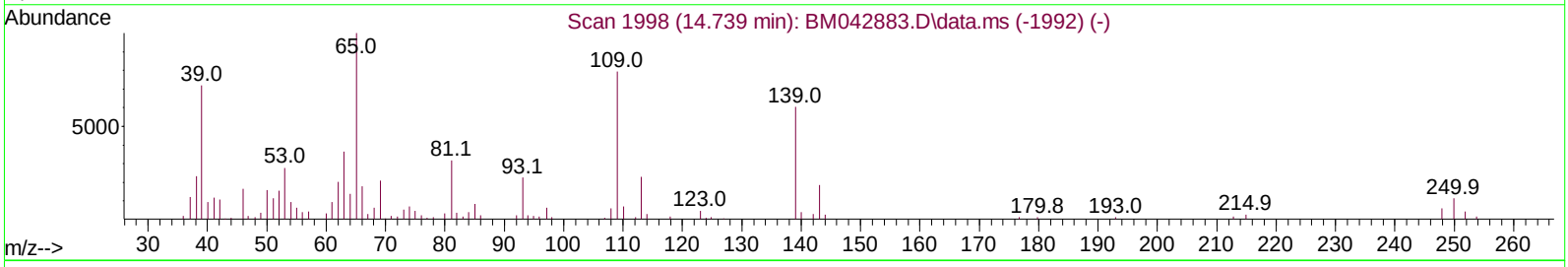

TIC: BM042899.D\data.ms

(55) 4-Nitrophenol

14.757min (+ 0.018) 16.98 ng/ul m

response 16358

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	83.90	24.33#
65.00	133.90	38.69#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042899.D
Acq On : 19 Nov 2023 10:48
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Nov 19 22:05:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	21933	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	87140	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	57262	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	128955	20.000	ng/ul	0.00
79) Chrysene-d12	21.409	240	151944	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	160355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	4359	6.236	ng/uL	0.00
4) Pyridine-d5	3.611	84	29381	16.898	ng/ul	0.00
7) Phenol-d5	6.981	99	18339	8.591	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	80816	53.879	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	59592	36.180	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	36293	21.593	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	37073	48.525	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	41133	46.023	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	76080	45.781	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	85245	40.401	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	291717	53.828	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	303205	52.289	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	23071	37.680	ng/ul	0.04
60) Fluorene-d10	15.463	176	246892	55.015	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	51452	52.674	ng/ul	0.00
73) Anthracene-d10	17.322	188	412455	57.071	ng/ul	0.00
81) Pyrene-d10	19.621	212	554258	55.705	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	590347	61.547	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	5855	7.866	ng/uL	88
5) Pyridine	3.628	79	35391	18.719	ng/ul	94
6) Benzaldehyde	6.975	77	67271	54.927	ng/ul	93
8) Phenol	7.005	94	19749	9.301	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.252	93	88331	50.362	ng/ul	89
12) 2-Chlorophenol	7.363	128	60379	36.835	ng/ul#	87
13) 2-Methylphenol	8.263	108	41190	26.014	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.322	45	179217m	56.131	ng/ul	
16) Acetophenone	8.663	105	136056	48.142	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.628	70	87002	50.570	ng/ul	91
18) 4-Methylphenol	8.599	108	38763	22.518	ng/ul	99
19) Hexachloroethane	8.863	117	40255	44.061	ng/ul	90
22) Nitrobenzene	9.057	77	122766	53.166	ng/ul	96
23) Isophorone	9.563	82	233745	50.825	ng/ul	97
25) 2-Nitrophenol	9.751	139	43379	47.772	ng/ul	87
26) 2,4-Dimethylphenol	9.798	107	61972	31.898	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.051	93	122240	52.600	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	73281	46.575	ng/ul	97
30) Naphthalene	10.675	128	261765	47.949	ng/ul	99
32) 4-Chloroaniline	10.822	127	79293	39.171	ng/ul	96
33) Hexachlorobutadiene	10.893	225	64748	46.587	ng/ul	95
34) Caprolactam	11.663	113	2480m	5.316	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	70224	41.653	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042899.D
Acq On : 19 Nov 2023 10:48
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Nov 19 22:05:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.287	142	183446	50.138	ng/ul	100
37) 1-Methylnaphthalene	12.504	142	185848	48.311	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	121179	53.960	ng/ul	96
40) Hexachlorocyclopentadiene	12.575	237	39166	36.838	ng/ul	91
41) 2,4,6-Trichlorophenol	12.898	196	71531	52.146	ng/ul	95
42) 2,4,5-Trichlorophenol	12.975	196	73921	55.808	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	256017	53.611	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	201607	52.478	ng/ul	97
45) 2-Nitroaniline	13.598	65	78448	62.614	ng/ul	89
47) Dimethylphthalate	13.939	163	296348	56.142	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	56016	56.486	ng/ul	88
50) Acenaphthylene	14.198	152	352921	54.318	ng/ul	99
51) 3-Nitroaniline	14.433	138	40094	49.443	ng/ul	91
52) Acenaphthene	14.533	153	240138	54.649	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	22260	45.144	ng/ul	88
55) 4-Nitrophenol	14.757	109	16358m	16.977	ng/ul	
56) Dibenzofuran	14.869	168	345179	56.596	ng/ul	97
57) 2,4-Dinitrotoluene	14.875	165	87015	59.768	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.092	232	76886	55.919	ng/ul#	94
59) Diethylphthalate	15.286	149	316989	57.268	ng/ul	99
61) Fluorene	15.516	166	311660	60.188	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	172561	61.836	ng/ul	98
63) 4-Nitroaniline	15.604	138	42216	57.104	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.628	198	55772	56.083	ng/ul	92
67) N-Nitrosodiphenylamine	15.739	169	236525	58.480	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	101556	59.165	ng/ul	93
69) Hexachlorobenzene	16.486	284	123690	58.945	ng/ul	99
70) Atrazine	16.692	200	90021	57.783	ng/ul	98
71) Pentachlorophenol	16.857	266	62950	52.096	ng/ul	99
72) Phenanthrene	17.263	178	488482	60.635	ng/ul	98
74) Anthracene	17.357	178	481190	59.382	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	121980	53.494	ng/uL	100
76) Pentachlorobenzene	14.763	250	137751	57.575	ng/uL	99
77) Carbazole	17.651	167	403292	60.273	ng/ul	99
78) Di-n-butylphthalate	18.169	149	586614	59.955	ng/ul	98
80) Fluoranthene	19.280	202	638388	56.271	ng/ul	97
82) Pyrene	19.651	202	690901	57.436	ng/ul	100
83) Butylbenzylphthalate	20.533	149	274311	53.390	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.339	252	197979	50.910	ng/ul	100
85) Benzo(a)anthracene	21.392	228	726521	60.911	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	429826	55.139	ng/ul	98
87) Chrysene	21.445	228	668134	57.759	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	747828	57.733	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	714962	65.333	ng/ul	98
91) Benzo(k)fluoranthene	23.086	252	759937	65.235	ng/ul	99
93) Benzo(a)pyrene	23.662	252	681282	63.889	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.227	276	865958	65.342	ng/ul	97
95) Dibenzo(a,h)anthracene	26.239	278	720864	65.609	ng/ul	99
96) Benzo(g,h,i)perylene	26.986	276	663416	63.040	ng/ul	99

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

Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

Manual IntegrationsAPPROVED

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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042899.D
Acq On : 19 Nov 2023 10:48
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Nov 19 22:05:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
GCDQ6MS

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