Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
Data File : BP017771.D
Acq On : 24 Oct 2023 03:21
Operator : MA/JU
Sample : PB156465BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 24 07:01:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS465

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel

Supervised By :mohammad ahmed
10/25/2023

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10/25/2023

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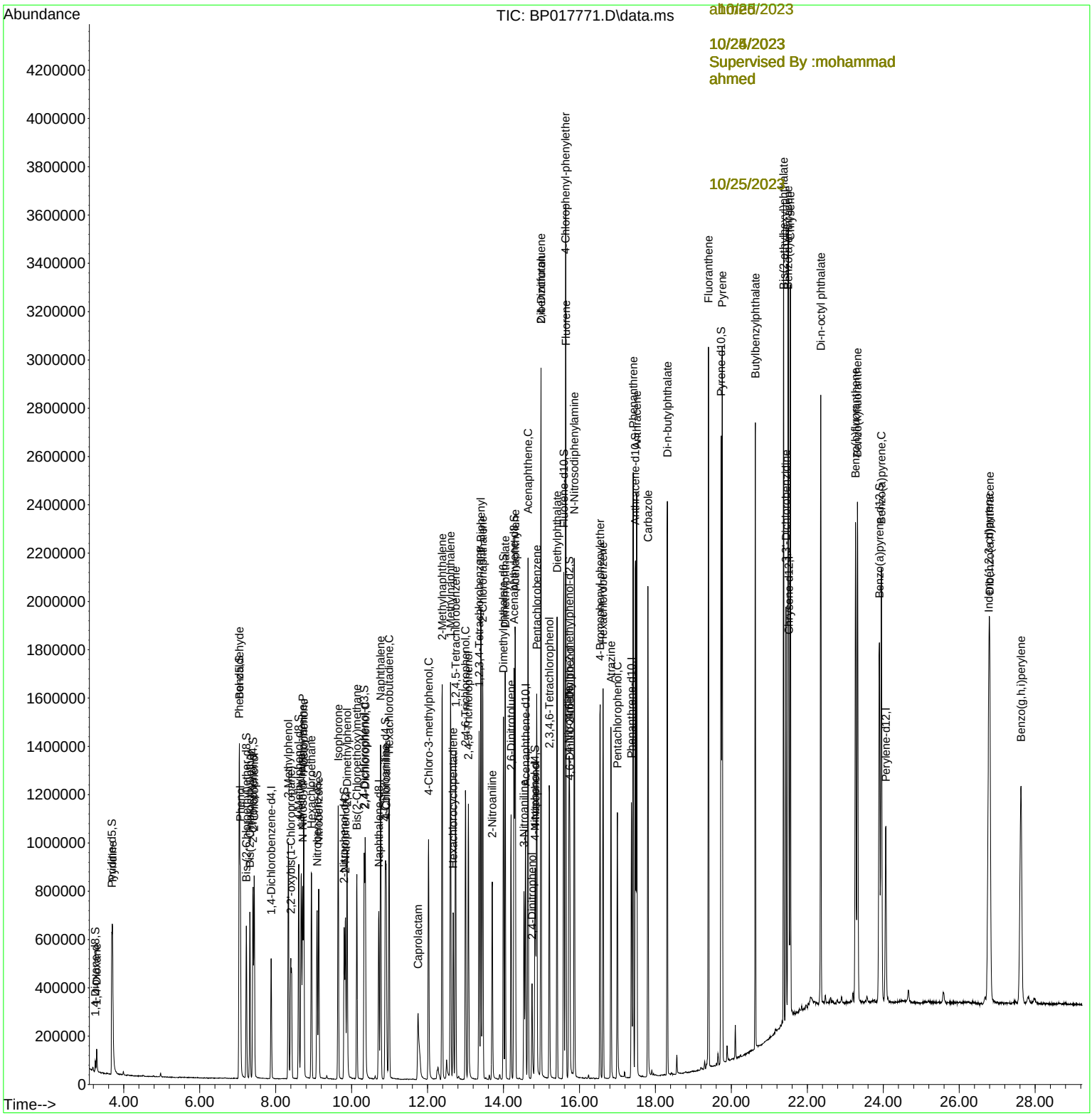
Supervised By :mohammad ahmed



Quantitation Report (Qedit)

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Data File : BP017771.D
Acq On : 24 Oct 2023 03:21
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Misc :
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QLast Update : Thu Oct 19 01:32:15 2023
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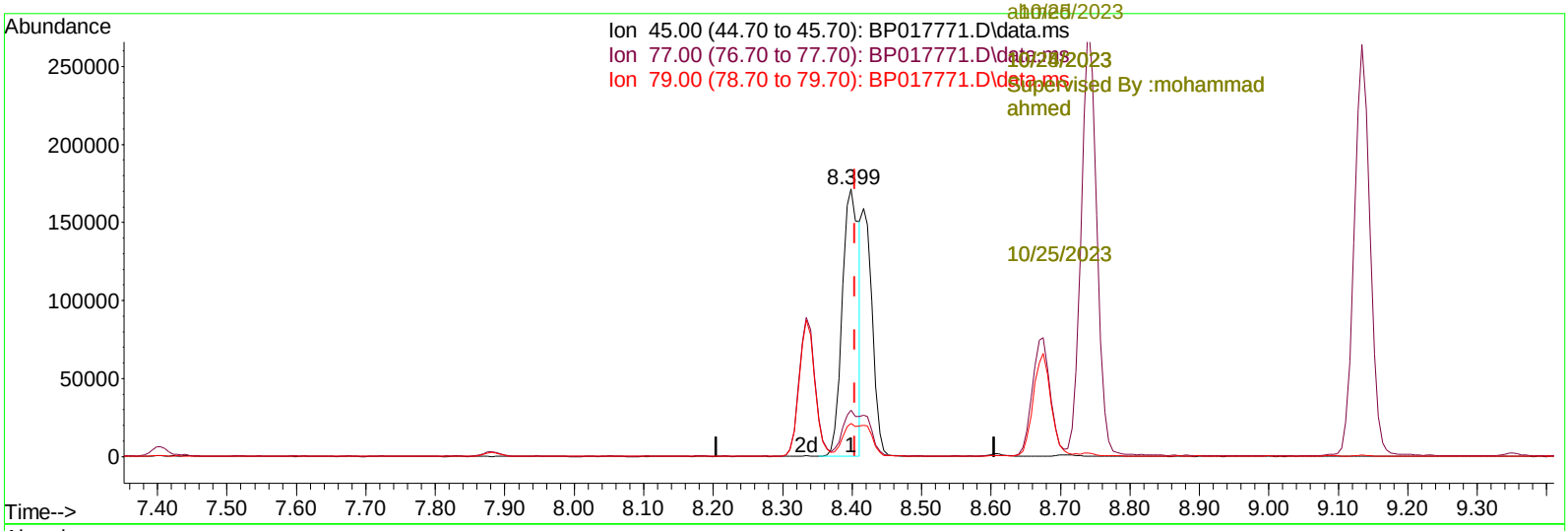

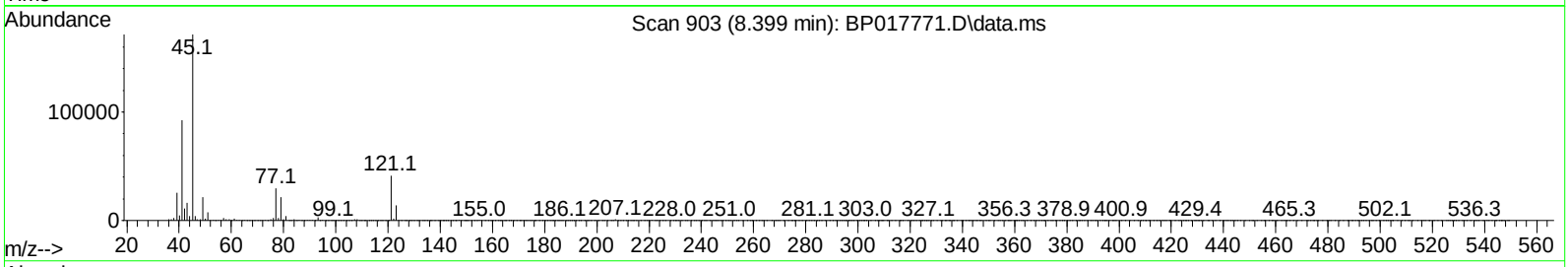

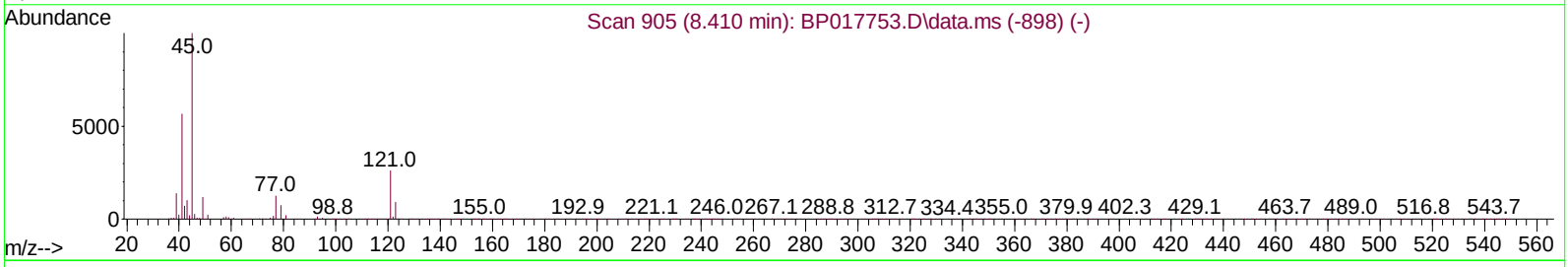

TIC: BP017771.D\data.ms

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

8.399min (-0.006) 27.04 ng/ul

response 288039

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	17.31
79.00	12.90	12.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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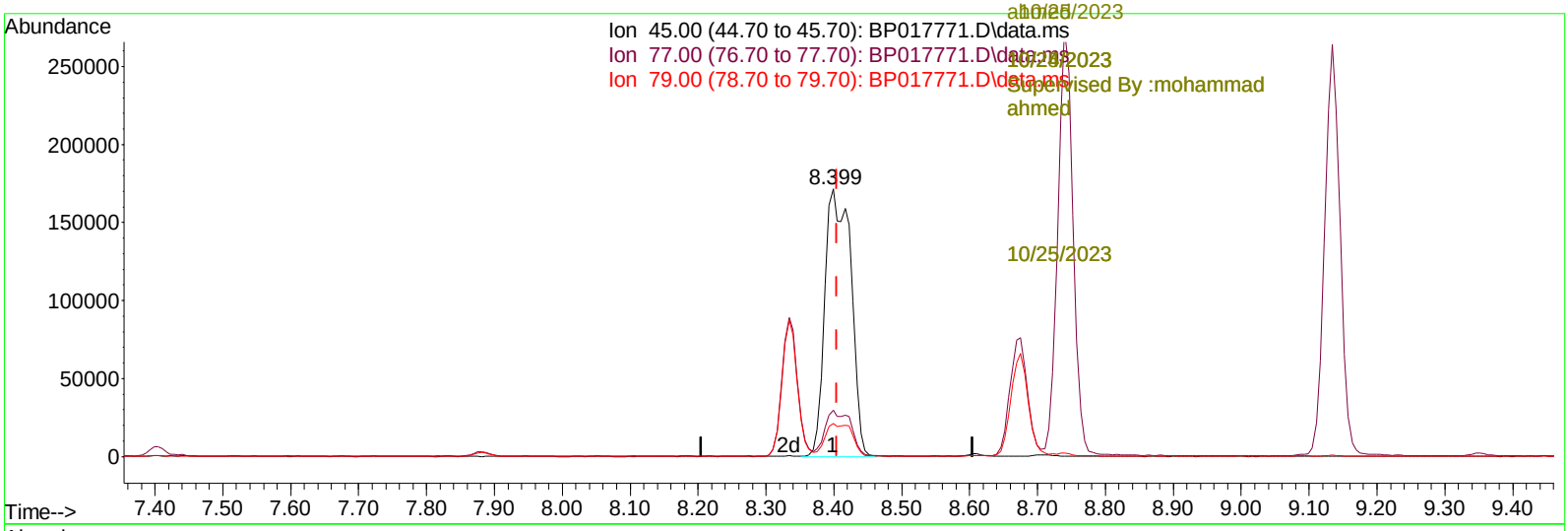

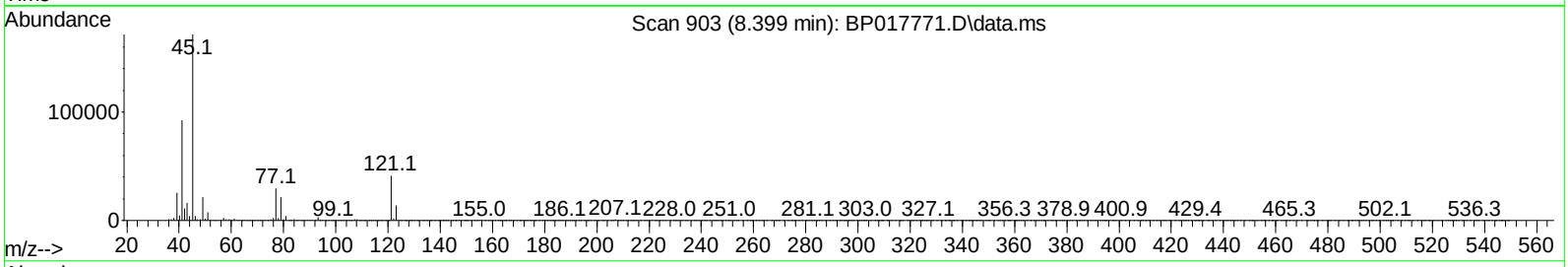

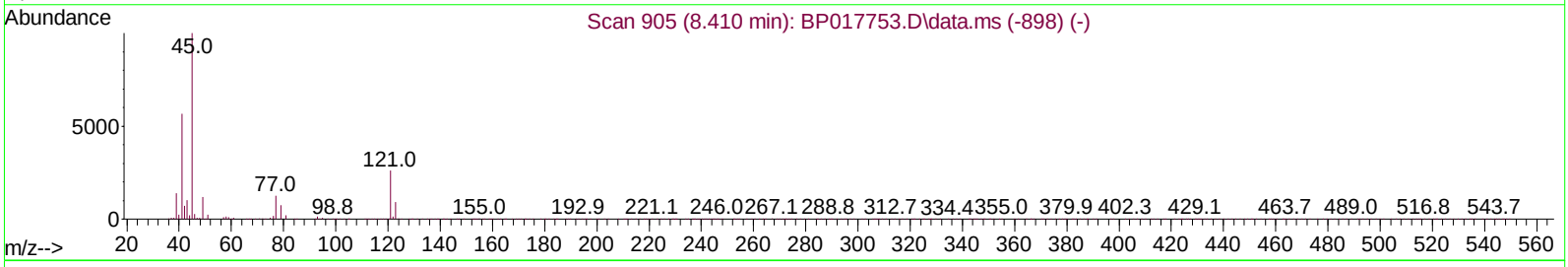

TIC: BP017771.D\data.ms

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

8.399min (-0.006) 42.77 ng/ul m

response 455614

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	17.31
79.00	12.90	12.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
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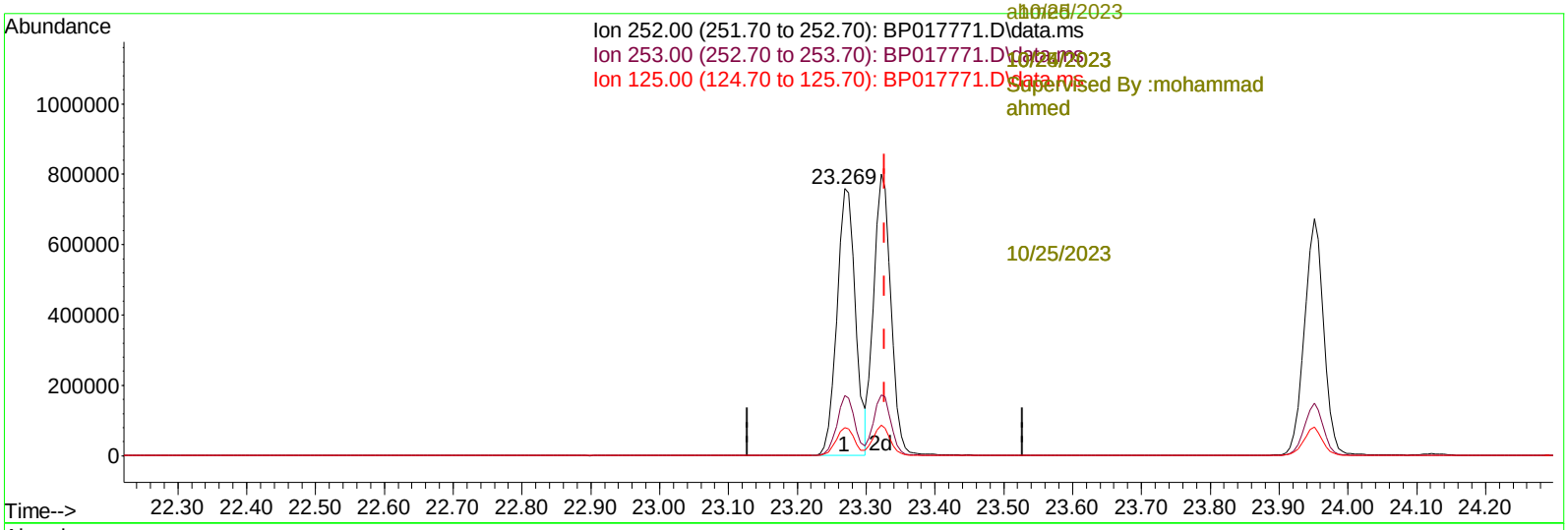

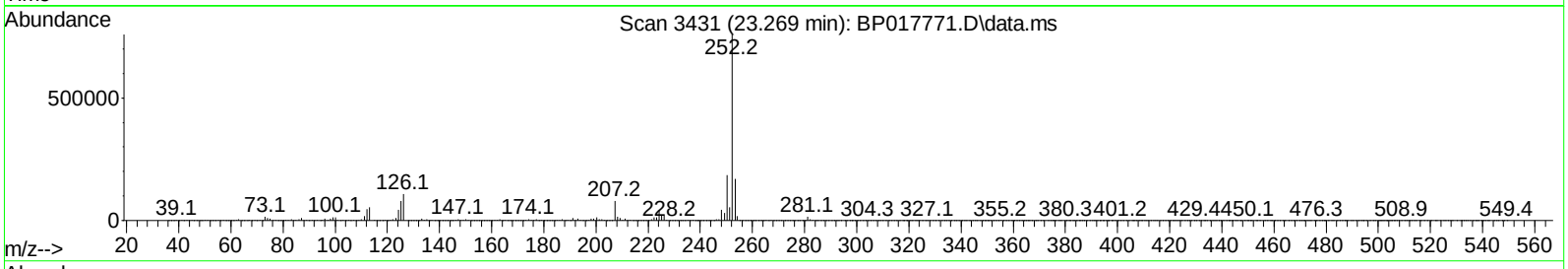

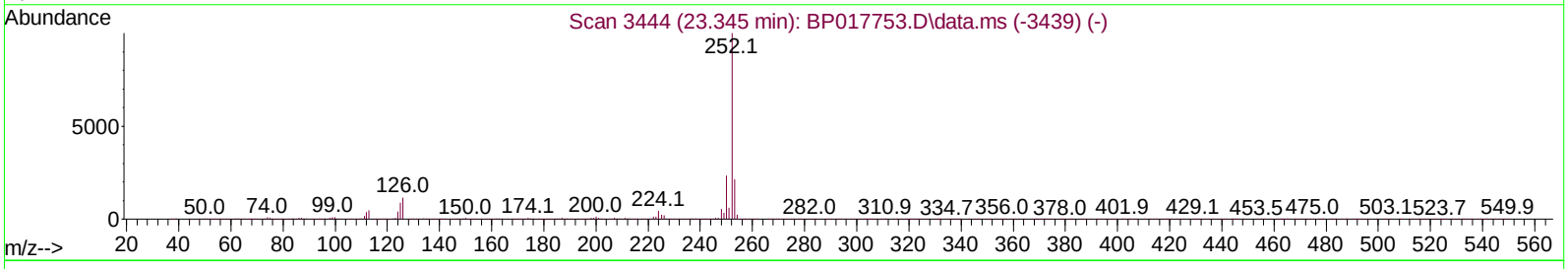

TIC: BP017771.D\data.ms

(91) Benzo(k)fluoranthene

23.269min (-0.059) 38.32 ng/ul

response 1414482

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.46
125.00	8.80	10.54
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 24 Oct 2023 03:21
Operator : MA/JU
Sample : PB156465BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 24 06:58:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel

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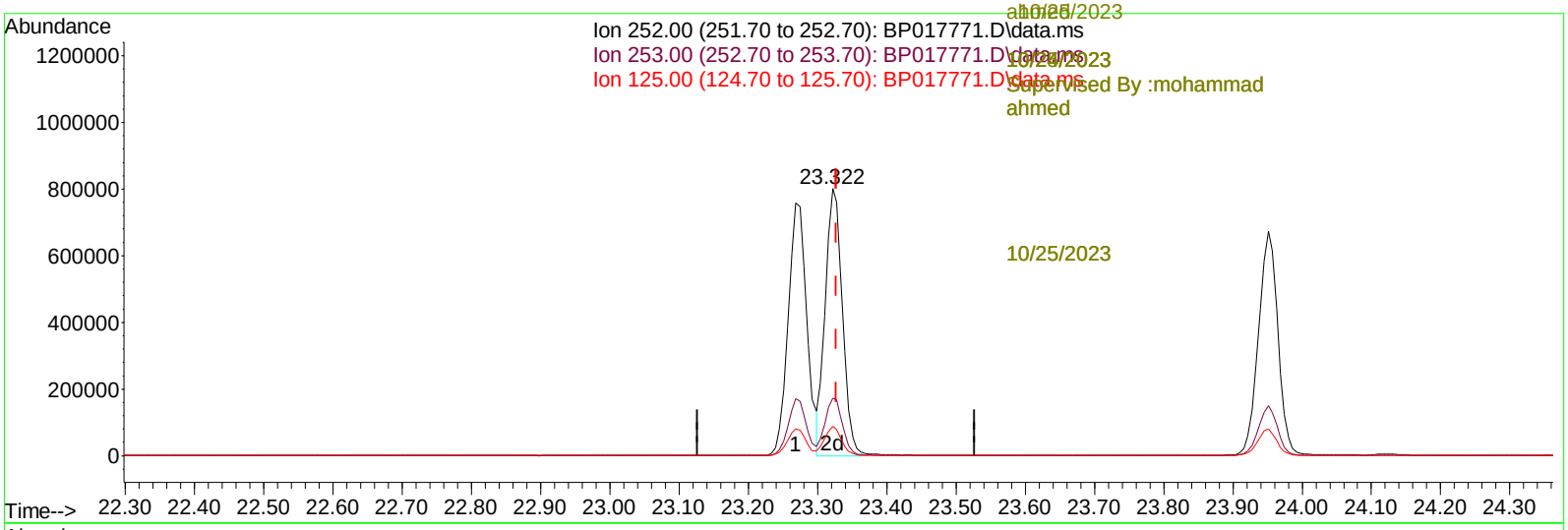
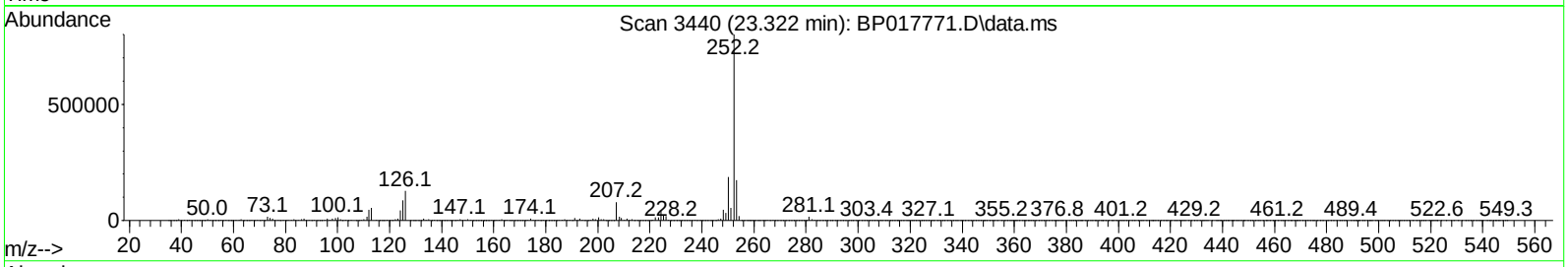
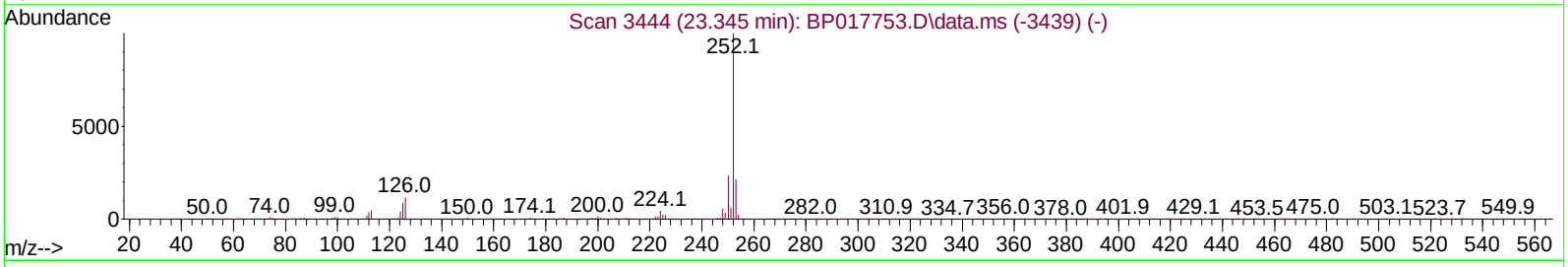
10/25/2023







TIC: BP017771.D\data.ms

(91) Benzo(k)fluoranthene

23.322min (-0.006) 37.65 ng/ul m

response 1389842

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	21.65
125.00	8.80	10.91#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Instrument :
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ClientSampleId :
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10/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	126426	20.000	ng/ul		0.00
20) Naphthalene-d8	10.716	136	533126	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.581	164	314876	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.369	188	645308	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.516	240	525241	20.000	ng/ul		0.00
88) Perylene-d12	24.069	264	535139	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.252	96	21822	6.421	ng/uL		0.00
4) Pyridine-d5	3.687	84	309958	34.836	ng/ul		0.00
7) Phenol-d5	7.040	99	409122	38.888	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	263794	40.601	ng/ul		0.00
11) 2-Chlorophenol-d4	7.405	132	328290	38.259	ng/ul		0.00
15) 4-Methylphenol-d8	8.611	113	321949	38.969	ng/ul		0.00
21) Nitrobenzene-d5	9.093	128	158872	36.776	ng/ul		0.00
24) 2-Nitrophenol-d4	9.805	143	176289	36.934	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.334	165	334030	35.675	ng/ul		0.00
31) 4-Chloroaniline-d4	10.887	131	411651	33.595	ng/ul		0.00
46) Dimethylphthalate-d6	13.999	166	927114	35.074	ng/ul		0.00
49) Acenaphthylene-d8	14.275	160	1081714	36.695	ng/ul		0.00
54) 4-Nitrophenol-d4	14.828	143	140840	37.394	ng/ul		0.00
60) Fluorene-d10	15.587	176	780987	34.180	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	142529	33.532	ng/ul		0.00
73) Anthracene-d10	17.469	188	1169220	35.456	ng/ul		0.00
81) Pyrene-d10	19.728	212	1323365	40.187	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.898	264	1073259	36.009	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	48075	13.337	ng/uL		96
5) Pyridine	3.705	79	303667	33.311	ng/ul		98
6) Benzaldehyde	7.046	77	224001	39.580	ng/ul		99
8) Phenol	7.069	94	419522	40.443	ng/ul		98
10) Bis(2-Chloroethyl)ether	7.322	93	350554	40.507	ng/ul		97
12) 2-Chlorophenol	7.434	128	336438	39.038	ng/ul		98
13) 2-Methylphenol	8.334	108	313102	39.995	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	455614m	42.772	ng/ul		
16) Acetophenone	8.740	105	521164	40.125	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.711	70	267567	43.431	ng/ul		96
18) 4-Methylphenol	8.675	108	336163	40.435	ng/ul		99
19) Hexachloroethane	8.940	117	153413	38.742	ng/ul		81
22) Nitrobenzene	9.134	77	419859	39.033	ng/ul		99
23) Isophorone	9.646	82	773158	40.196	ng/ul		98
25) 2-Nitrophenol	9.840	139	191338	37.555	ng/ul		95
26) 2,4-Dimethylphenol	9.881	107	315119	31.513	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.140	93	455896	38.322	ng/ul		97
29) 2,4-Dichlorophenol	10.363	162	325951	36.405	ng/ul		98
30) Naphthalene	10.763	128	1080762	35.226	ng/ul		99
32) 4-Chloroaniline	10.910	127	380140	32.398	ng/ul		96
33) Hexachlorobutadiene	10.987	225	217337	29.896	ng/ul		99
34) Caprolactam	11.752	113	92712	40.215	ng/ul		87
35) 4-Chloro-3-methylphenol	12.028	107	332412	39.436	ng/ul		94
36) 2-Methylnaphthalene	12.387	142	731622	35.303	ng/ul		98

Quantitation Report (QT Reviewed)

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ClientSampleId :
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Manual IntegrationsAPPROVED

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10/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	703638	33.199	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	393602	33.782	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	171132	25.565	ng/ul	98
41) 2,4,6-Trichlorophenol	12.999	196	258389	36.952	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	271412	37.543	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	957228	36.900	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	768330	36.639	ng/ul	99
45) 2-Nitroaniline	13.704	65	220692	46.312	ng/ul	95
47) Dimethylphthalate	14.046	163	955767	36.688	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	190724	39.775	ng/ul	97
50) Acenaphthylene	14.310	152	1240087	37.556	ng/ul	99
51) 3-Nitroaniline	14.540	138	179480	39.356	ng/ul	97
52) Acenaphthene	14.646	153	815508	36.534	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	81465	30.265	ng/ul	89
55) 4-Nitrophenol	14.840	109	153069	38.393	ng/ul	94
56) Dibenzofuran	14.987	168	1115039	35.579	ng/ul	96
57) 2,4-Dinitrotoluene	14.987	165	278025	39.286	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.210	232	215553	33.599	ng/ul	89
59) Diethylphthalate	15.410	149	949649	37.755	ng/ul	99
61) Fluorene	15.645	166	926659	35.996	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	454576	33.222	ng/ul	93
63) 4-Nitroaniline	15.722	138	172694	41.984	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.745	198	159426	35.018	ng/ul#	90
67) N-Nitrosodiphenylamine	15.863	169	755660	38.653	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	250380	33.161	ng/ul#	90
69) Hexachlorobenzene	16.622	284	268685	30.997	ng/ul#	88
70) Atrazine	16.828	200	252438	35.133	ng/ul	96
71) Pentachlorophenol	16.998	266	163701	31.412	ng/ul	99
72) Phenanthrene	17.416	178	1406537	37.208	ng/ul	100
74) Anthracene	17.510	178	1416548	36.998	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	382571	35.333	ng/uL	97
76) Pentachlorobenzene	14.875	250	321950	30.680	ng/uL	98
77) Carbazole	17.804	167	1246170	38.511	ng/ul	99
78) Di-n-butylphthalate	18.316	149	1600085	42.592	ng/ul	100
80) Fluoranthene	19.398	202	1596951	42.209	ng/ul#	95
82) Pyrene	19.763	202	1678657	41.879	ng/ul	98
83) Butylbenzylphthalate	20.633	149	715632	51.908	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	446939	37.663	ng/ul#	99
85) Benzo(a)anthracene	21.498	228	1557269	39.000	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	1040560	54.068	ng/ul#	98
87) Chrysene	21.551	228	1426739	37.785	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	1743544	51.437	ng/ul	100
90) Benzo(b)fluoranthene	23.269	252	1414482	38.838	ng/ul	98
91) Benzo(k)fluoranthene	23.322	252	1389842m	37.653	ng/ul	
93) Benzo(a)pyrene	23.951	252	1321523	38.651	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.780	276	1495796	36.707	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.804	278	1245270	36.625	ng/ul#	96
96) Benzo(g,h,i)perylene	27.627	276	1194760	36.390	ng/ul#	94

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