Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
Data File : BP014837.D
Acq On : 26 Apr 2023 13:16
Operator : CG/JU
Sample : 02418-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 26 23:14:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 26 02:53:24 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EW8Z9

Manual IntegrationsAPPROVED

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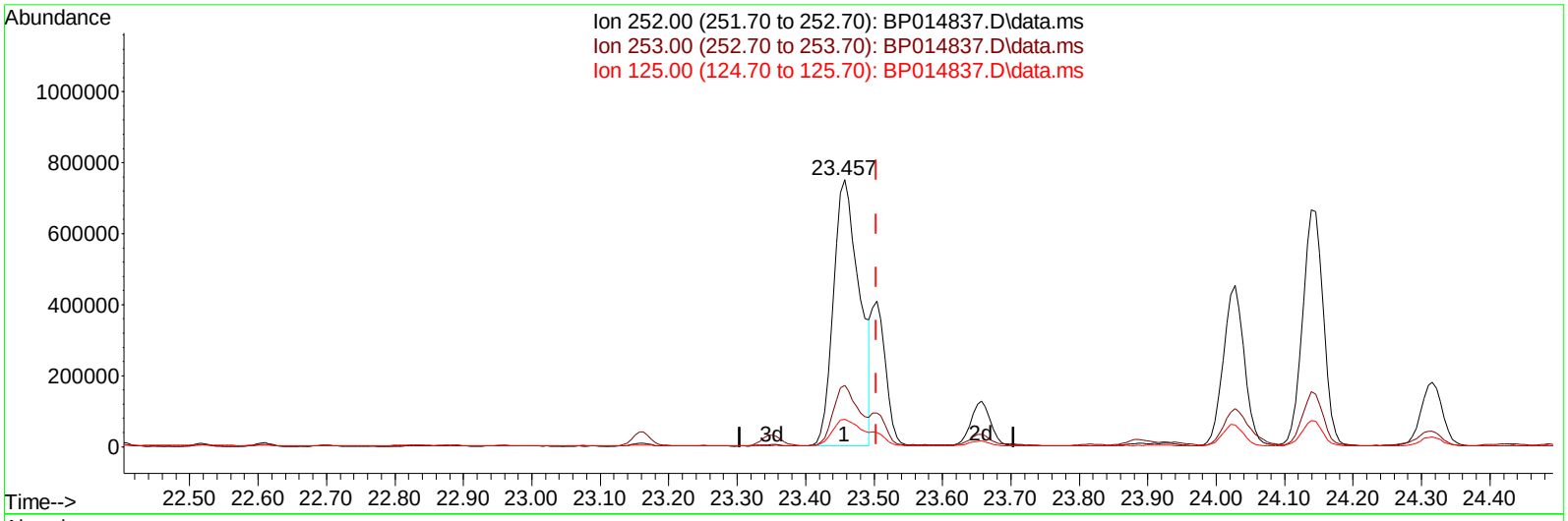
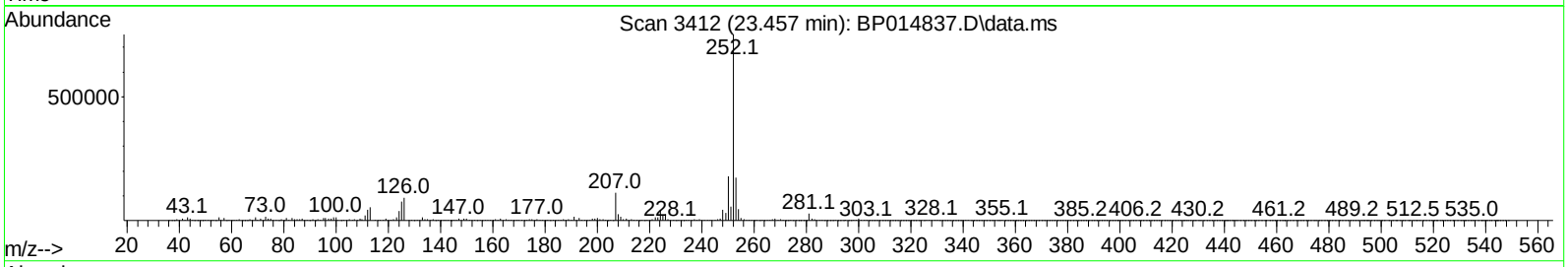
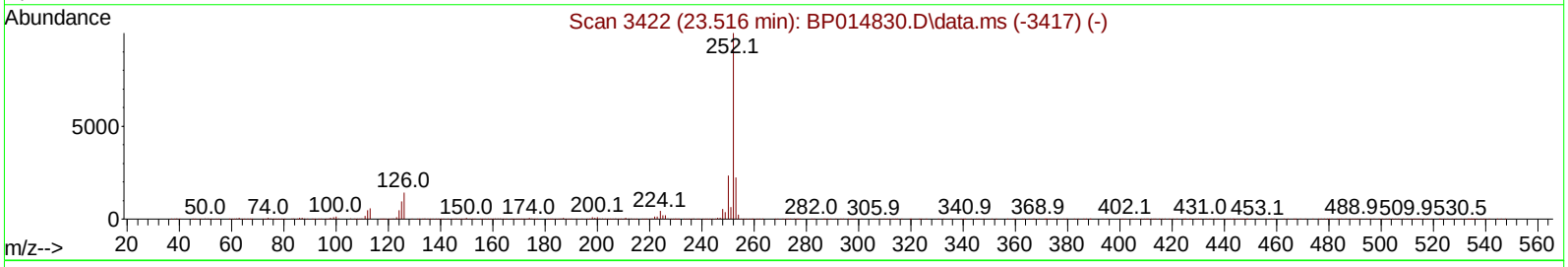
Supervised By :Jagrut Upadhyay 04/27/2023







TIC: BP014837.D\data.ms

(91) Benzo(k)fluoranthene

23.457min (-0.047) 27.91 ng/ul

response 1989722

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.06
125.00	9.90	10.33
0.00	0.00	0.00

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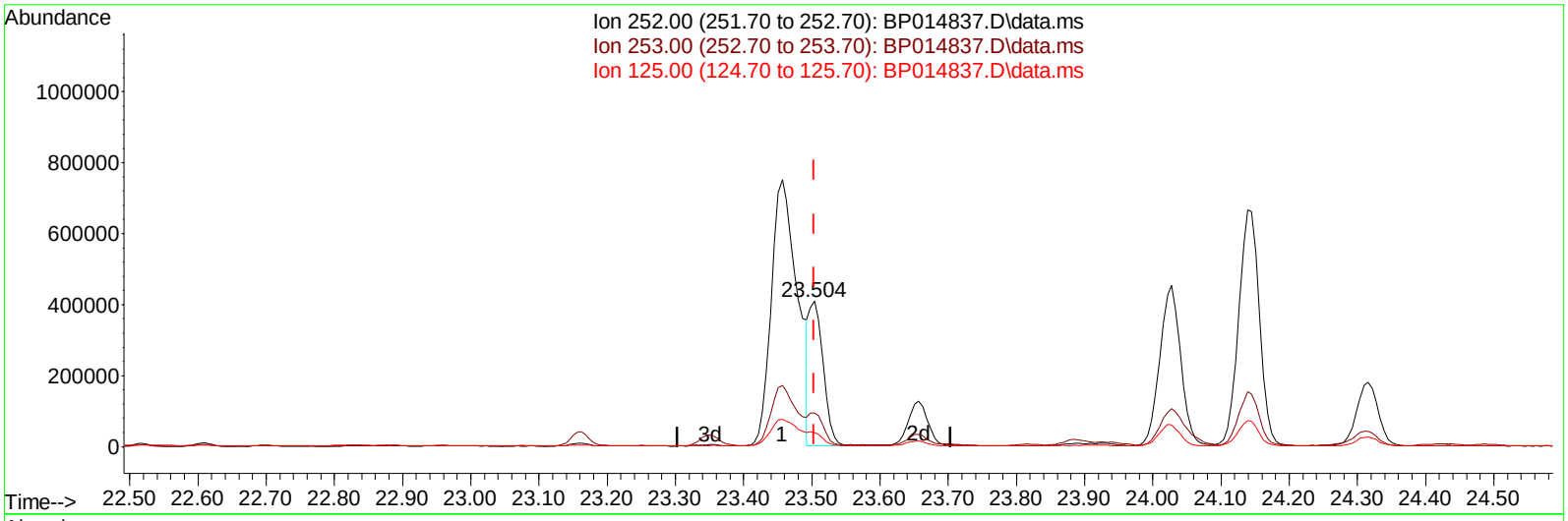

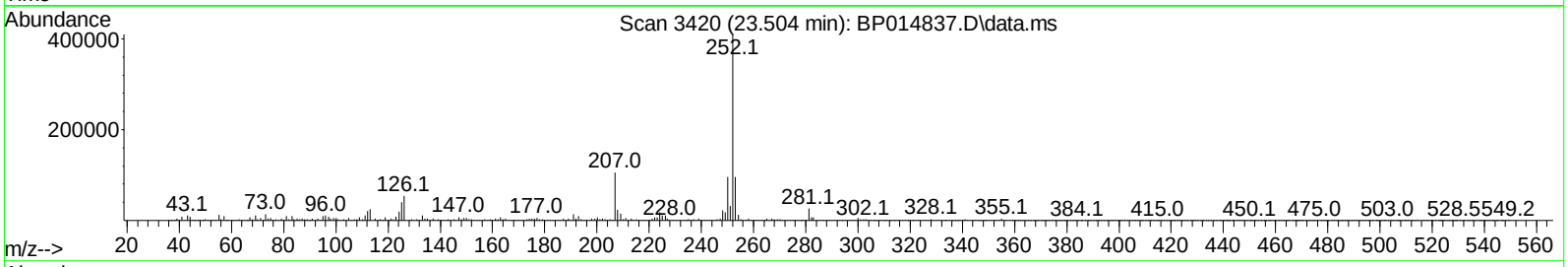

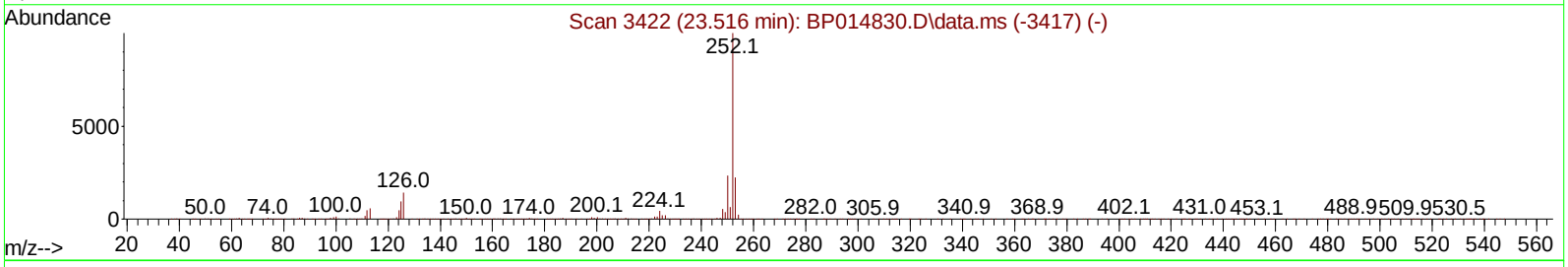

TIC: BP014837.D\data.ms

(91) Benzo(k)fluoranthene

23.504min (+ 0.000) 8.10 ng/ul m

response 577406

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	23.33
125.00	9.90	9.97
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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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	8.205	152	355902	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1503447	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	894026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1737606	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	952072	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	1073322	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	23818	2.631	ng/uL	0.00
4) Pyridine-d5	3.946	84	182242	6.942	ng/ul	0.00
7) Phenol-d5	7.340	99	598778	18.507	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	354274	18.221	ng/ul	0.00
11) 2-Chlorophenol-d4	7.728	132	461343	19.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	417249	16.056	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	230398	20.472	ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	259155	22.403	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	489483	20.358	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	491864	14.256	ng/ul	0.00
46) Dimethylphthalate-d6	14.234	166	1477710	21.301	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	1724243	21.680	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	174394	13.799	ng/ul	0.00
60) Fluorene-d10	15.822	176	1258076	21.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	78188	8.109	ng/ul	0.00
73) Anthracene-d10	17.681	188	1835657	22.498	ng/ul	0.00
81) Pyrene-d10	19.892	212	1704775	29.452	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	1300467	23.371	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.028	105	124738	3.068	ng/ul	99
30) Naphthalene	11.087	128	95252	1.145	ng/ul	99
52) Acenaphthene	14.893	153	173342	2.936	ng/ul	99
56) Dibenzofuran	15.228	168	125296	1.507	ng/ul	100
61) Fluorene	15.875	166	192930	2.942	ng/ul	100
72) Phenanthrene	17.628	178	3133018	32.925	ng/ul	100
74) Anthracene	17.716	178	693908	7.233	ng/ul	99
77) Carbazole	17.975	167	291311	3.568	ng/ul	100
78) Di-n-butylphthalate	18.510	149	112179	1.158	ng/ul#	99
80) Fluoranthene	19.569	202	4494093	65.880	ng/ul	98
82) Pyrene	19.922	202	3856301	54.658	ng/ul	99
85) Benzo(a)anthracene	21.639	228	1552681	23.443	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	49033	1.395	ng/ul#	92
87) Chrysene	21.692	228	1502176	23.925	ng/ul	98
90) Benzo(b)fluoranthene	23.457	252	1989722	27.069	ng/ul	97
91) Benzo(k)fluoranthene	23.504	252	577406m	8.099	ng/ul	
93) Benzo(a)pyrene	24.139	252	1402558	22.528	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.015	276	1019729	14.525	ng/ul	97
95) Dibenzo(a,h)anthracene	27.027	278	259994	4.440	ng/ul#	82
96) Benzo(g,h,i)perylene	27.868	276	909808	16.357	ng/ul	99

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

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