Quantitation Report (Qedit)

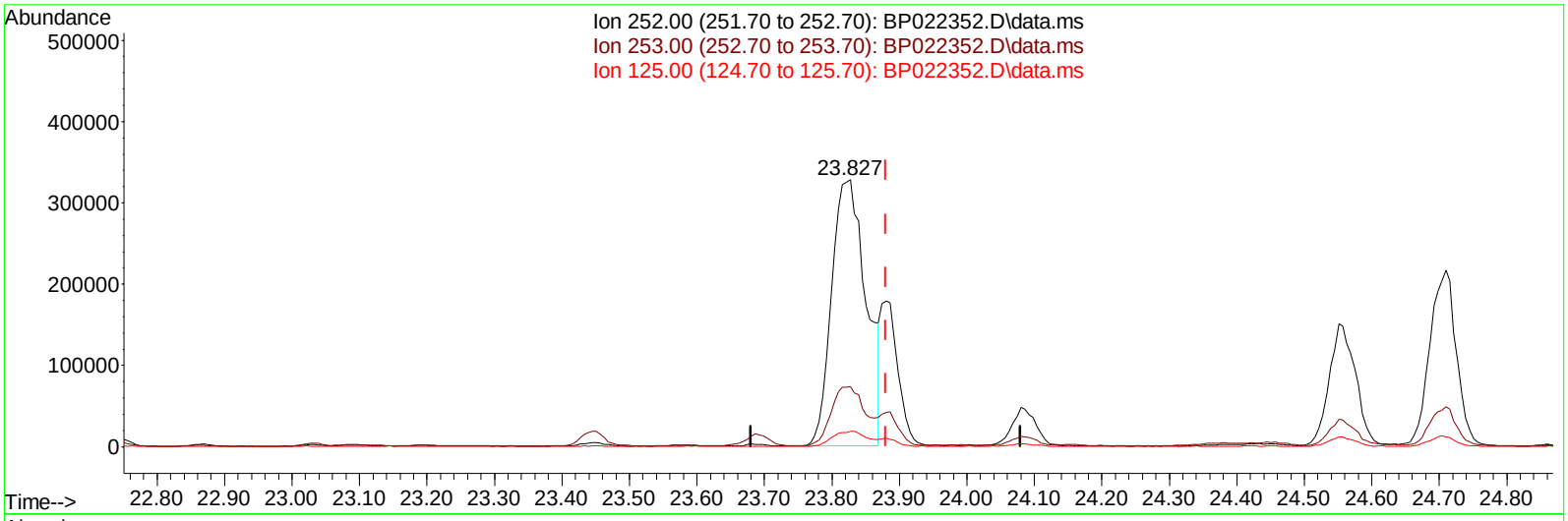
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
Data File : BP022352.D
Acq On : 14 Oct 2024 12:32
Operator : RC/JU
Sample : P4264-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

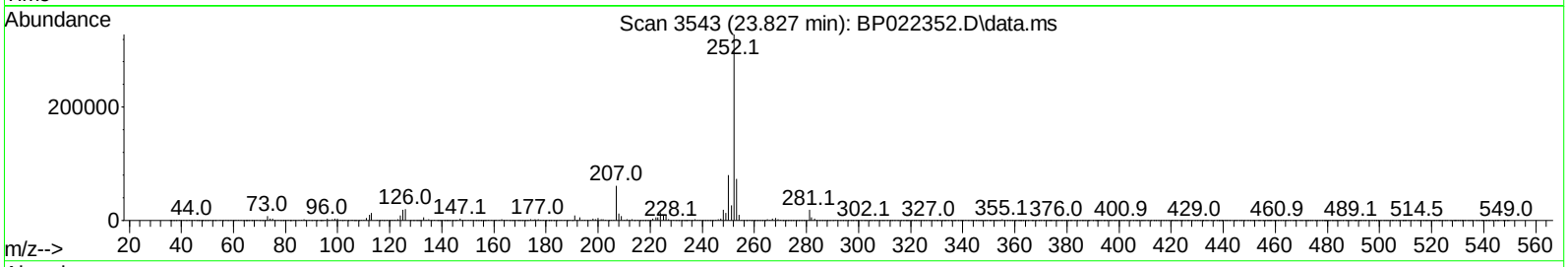
Quant Time: Oct 14 13:04:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
Response via : Initial Calibration

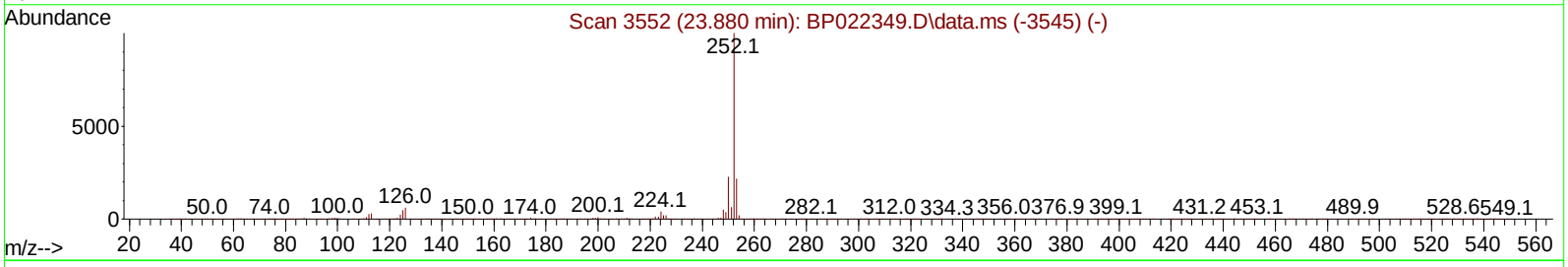
Instrument :
BNA_P
ClientSampleId :
DCYN5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024







TIC: BP022352.D\data.ms

(91) Benzo(k)fluoranthene

23.827min (-0.053) 14.93 ng/ul

response 1162105

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.44
125.00	5.70	5.82
0.00	0.00	0.00

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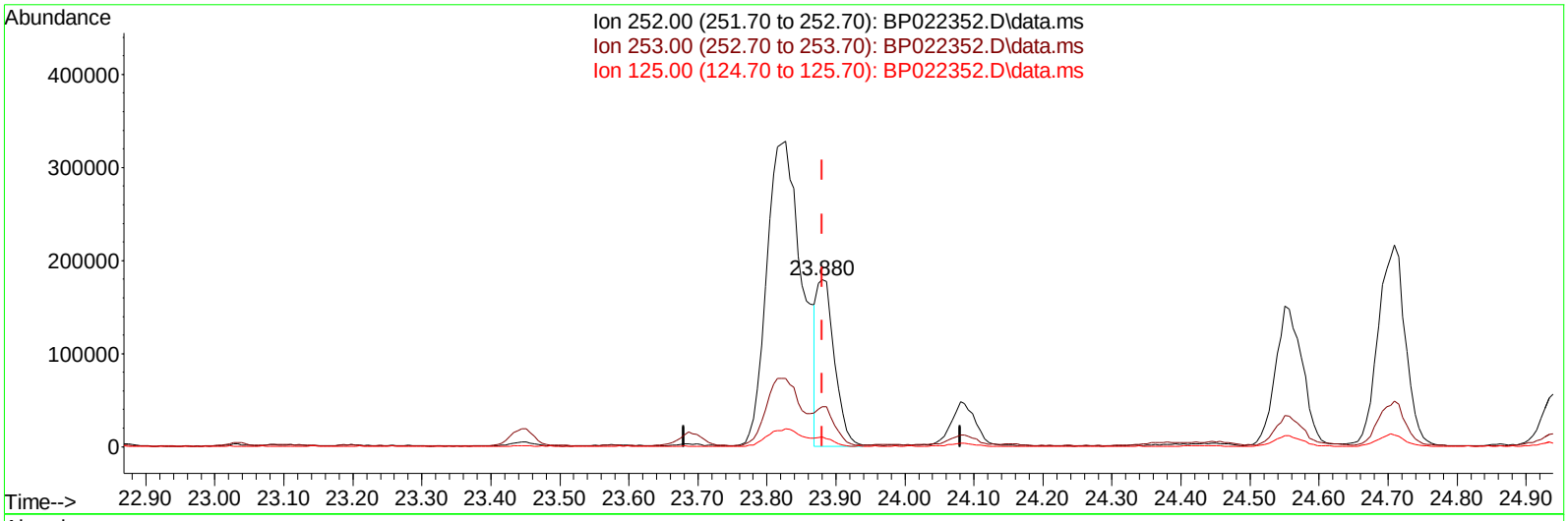

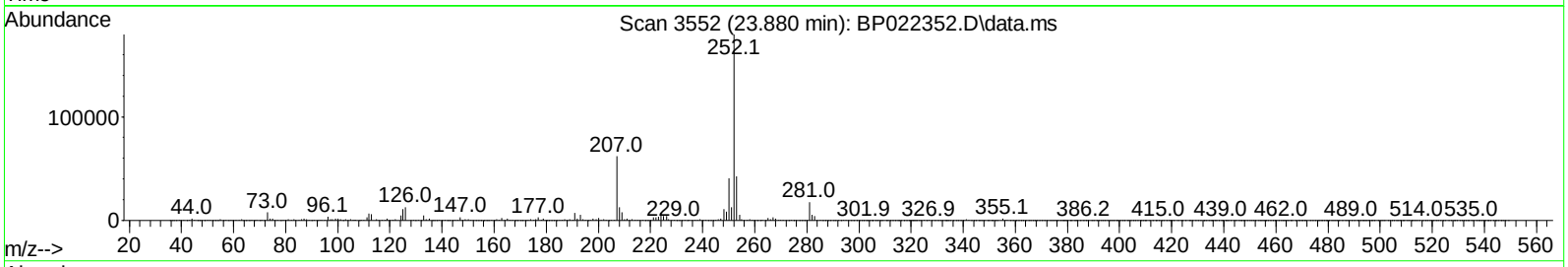

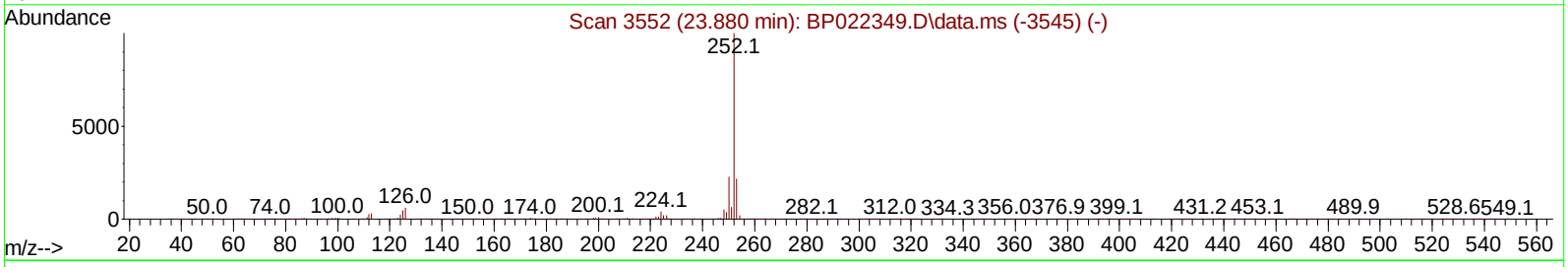

TIC: BP022352.D\data.ms

(91) Benzo(k)fluoranthene

23.880min (+ 0.000) 4.02 ng/ul m

response 313270

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.79
125.00	5.70	5.96
0.00	0.00	0.00

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Sample : P4264-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 14 13:09:50 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	109238	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	421913	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.316	164	339465	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	862773	20.000	ng/ul	0.01
79) Chrysene-d12	21.569	240	1037700	20.000	ng/ul	0.02
88) Perylene-d12	24.868	264	1262921	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	8409	2.991	ng/uL	0.00
4) Pyridine-d5	3.634	84	123290	15.976	ng/ul	0.00
7) Phenol-d5	6.887	99	167392	18.204	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	98591	18.242	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	126958	19.458	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	132625	18.073	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	62454	19.252	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	75938	20.219	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	152018	19.044	ng/ul	0.01
31) 4-Chloroaniline-d4	10.599	131	170732	18.101	ng/ul	0.01
46) Dimethylphthalate-d6	13.722	166	477132	17.690	ng/ul	0.01
49) Acenaphthylene-d8	14.004	160	559226	19.522	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	64557	14.267	ng/ul	0.00
60) Fluorene-d10	15.322	176	466381	19.936	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	66756	11.765	ng/ul	0.02
73) Anthracene-d10	17.228	188	801243	19.741	ng/ul	0.02
81) Pyrene-d10	19.604	212	1096155	19.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.639	264	1369687	20.308	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.528	128	12503741	556.407	ng/ul	97
36) 2-Methylnaphthalene	12.122	142	2634492	159.707	ng/ul	97
37) 1-Methylnaphthalene	12.340	142	1250983	74.300	ng/ul	99
50) Acenaphthylene	14.034	152	178205	5.994	ng/ul#	90
52) Acenaphthene	14.387	153	2737702	130.221	ng/ul	99
61) Fluorene	15.387	166	3013495	117.114	ng/ul	99
71) Pentachlorophenol	16.775	266	238365	28.947	ng/ul	97
72) Phenanthrene	17.181	178	15774836	341.748	ng/ul	95
74) Anthracene	17.257	178	1853001	40.227	ng/ul	99
80) Fluoranthene	19.269	202	10249484	162.469	ng/ul	99
82) Pyrene	19.645	202	6994545	103.446	ng/ul	97
85) Benzo(a)anthracene	21.545	228	1985213	27.289	ng/ul	99
87) Chrysene	21.610	228	1569923	23.274	ng/ul	98
90) Benzo(b)fluoranthene	23.827	252	1162105	14.618	ng/ul	100
91) Benzo(k)fluoranthene	23.880	252	313270m	4.025	ng/ul	
93) Benzo(a)pyrene	24.710	252	588473	8.043	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.598	276	213140	2.183	ng/ul	96
96) Benzo(g,h,i)perylene	29.751	276	162036	2.134	ng/ul	97

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

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