Quantitation Report (Qedit)

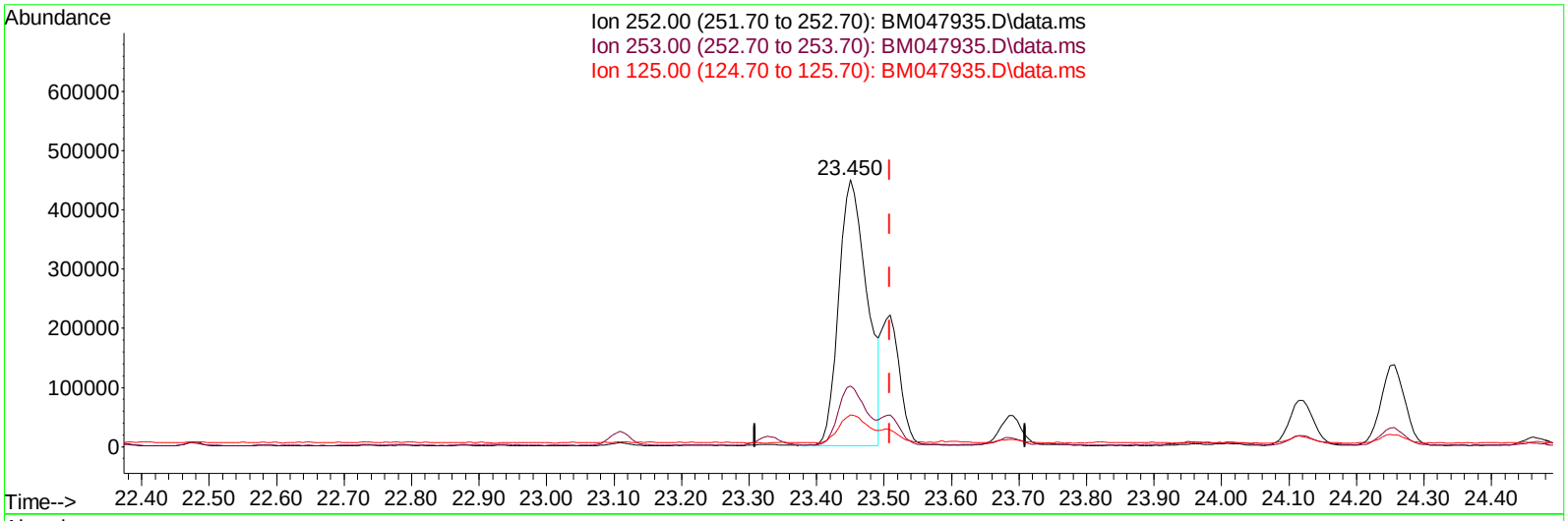
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047935.D
Acq On : 09 Oct 2024 06:15
Operator : RC/JU
Sample : P4183-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

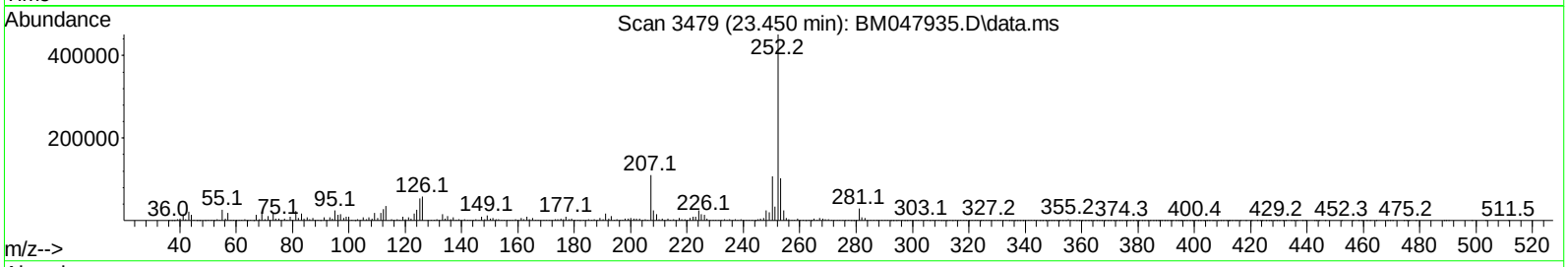
Quant Time: Oct 09 06:53:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

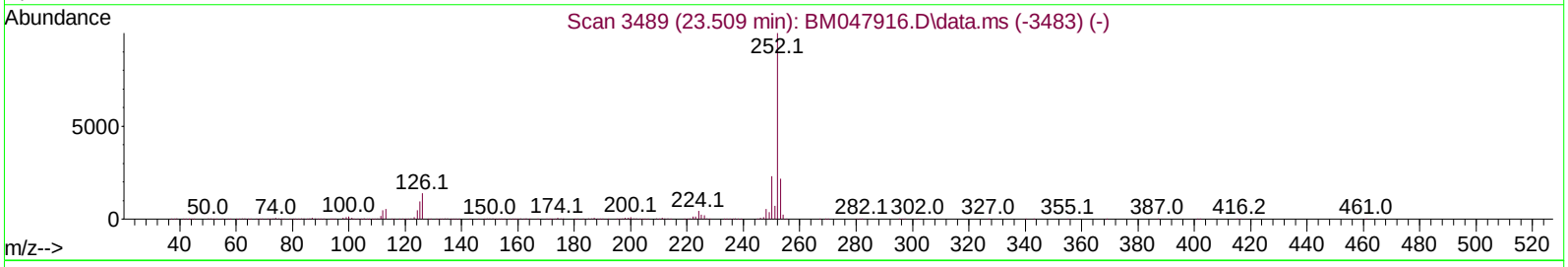
Instrument :
BNA_M
ClientSampleId :
A4EM3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BM047935.D\data.ms

(91) Benzo(k)fluoranthene

23.450min (-0.059) 16.87 ng/ul

response 1311074

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.76
125.00	11.10	11.90
0.00	0.00	0.00

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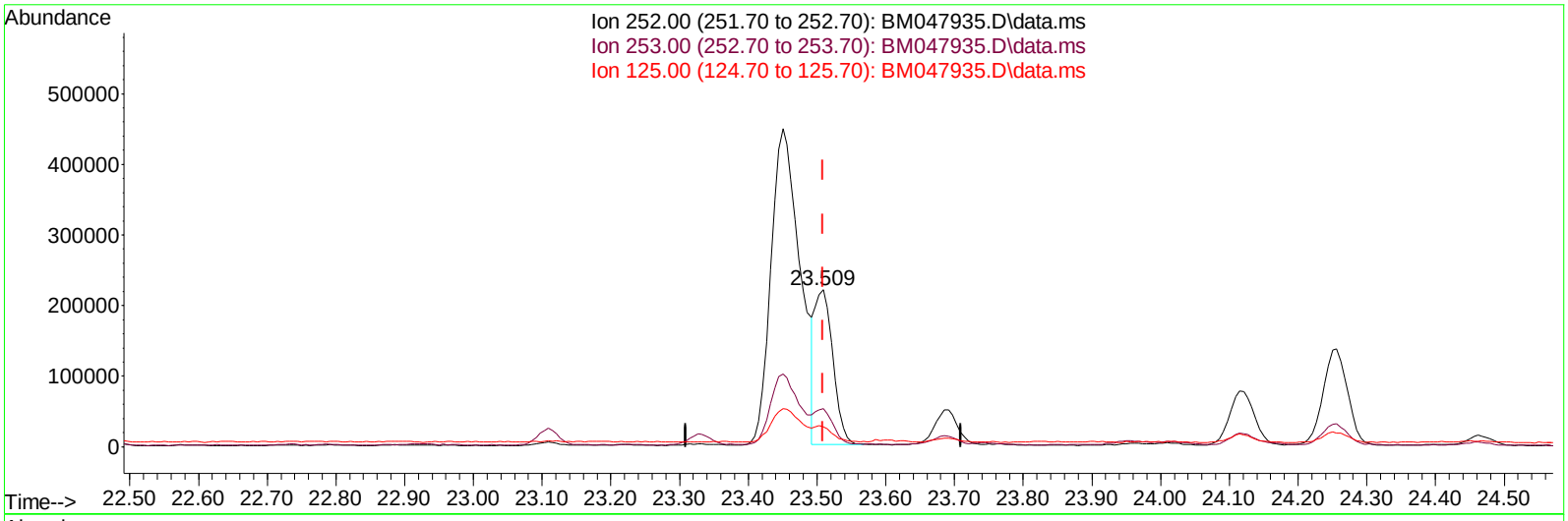

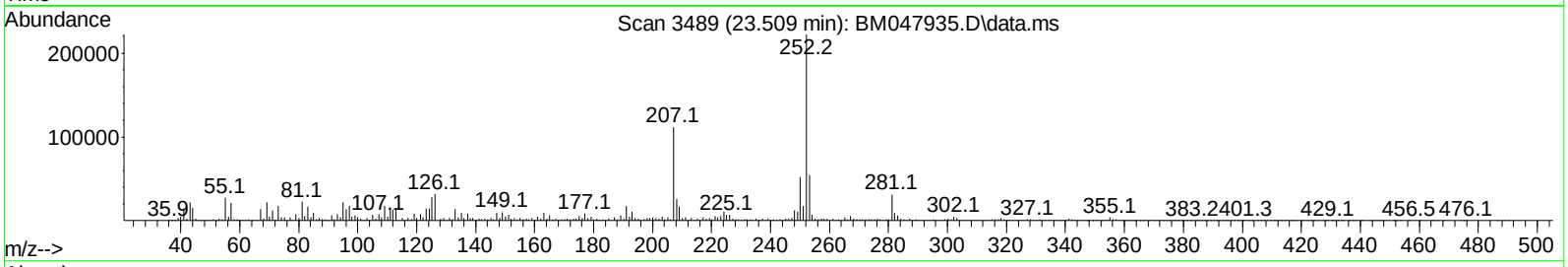

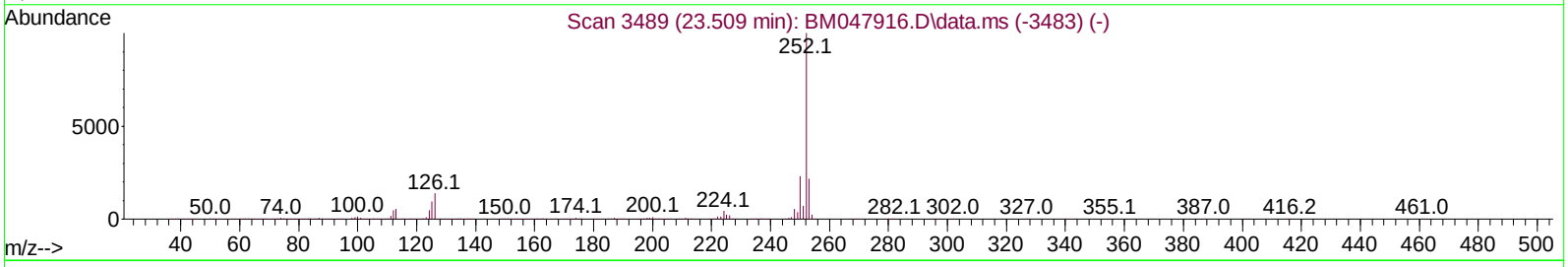

TIC: BM047935.D\data.ms

(91) Benzo(k)fluoranthene

23.509min (0.000) 5.17 ng/ul m

response 402177

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	24.42
125.00	11.10	12.61
0.00	0.00	0.00

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Misc :
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Quant Time: Oct 09 06:56:39 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	236020	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	963579	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.427	164	602185	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1222365	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1074530	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1218872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	11020	1.509	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.963	99	294243	13.184	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	192847	12.177	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	264413	16.284	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	237675	14.324	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	129457	16.874	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	138647	18.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	244539	16.650	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	231807	10.209	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	708990	16.239	ng/ul	0.00
49) Acenaphthylene-d8	14.121	160	851542	16.450	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	70741	8.138	ng/ul	0.00
60) Fluorene-d10	15.421	176	652835	17.263	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	56146	7.849	ng/ul	0.00
73) Anthracene-d10	17.268	188	1005005	16.721	ng/ul	0.00
81) Pyrene-d10	19.556	212	1021193	16.745	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.191	264	783456	12.389	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.616	105	43101	1.518	ng/ul	91
72) Phenanthrene	17.209	178	611743	8.534	ng/ul	100
74) Anthracene	17.303	178	116636	1.595	ng/ul	98
80) Fluoranthene	19.221	202	1815548	25.277	ng/ul	98
82) Pyrene	19.586	202	1110120	13.887	ng/ul	95
83) Butylbenzylphthalate	20.474	149	37670	1.333	ng/ul	93
85) Benzo(a)anthracene	21.380	228	697649	9.273	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.297	149	247808	5.840	ng/ul	99
87) Chrysene	21.439	228	911985	12.434	ng/ul	97
90) Benzo(b)fluoranthene	23.450	252	1311074	17.248	ng/ul	98
91) Benzo(k)fluoranthene	23.509	252	402177m	5.174	ng/ul	
93) Benzo(a)pyrene	24.256	252	340122	4.711	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.785	276	386152	4.174	ng/ul	96
95) Dibenzo(a,h)anthracene	27.820	278	151592	1.999	ng/ul#	87

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

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