Quantitation Report (Qedit)

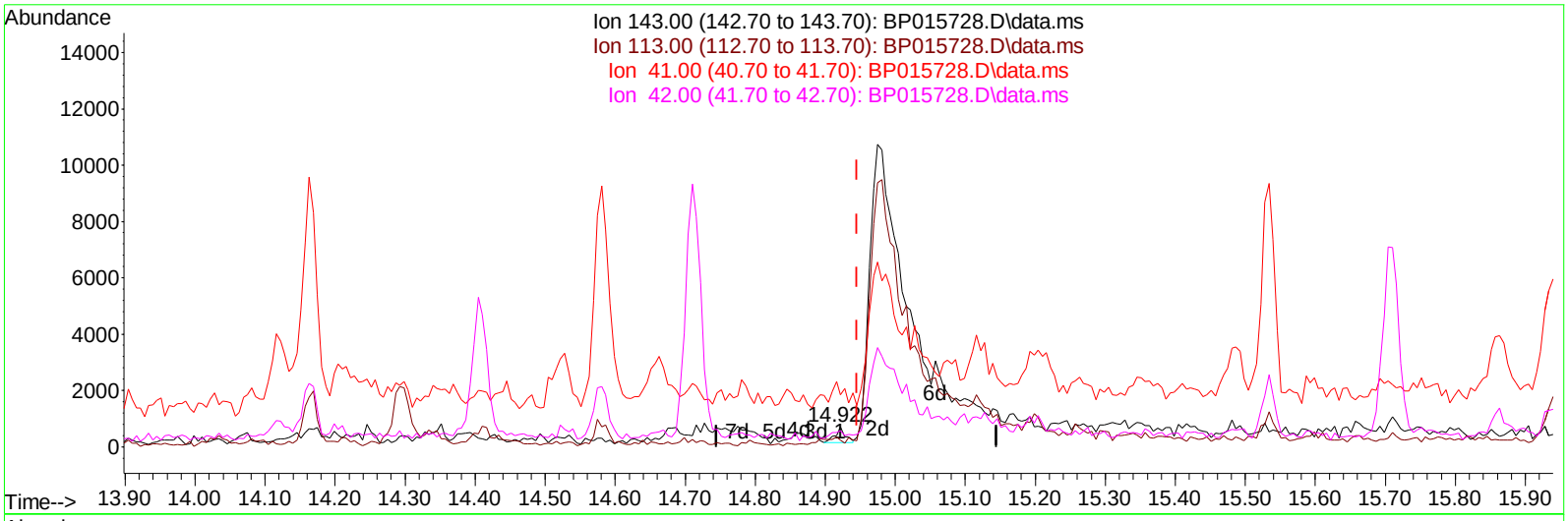
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015728.D
Acq On : 26 Jun 2023 22:58
Operator : MA/JU
Sample : 03083-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

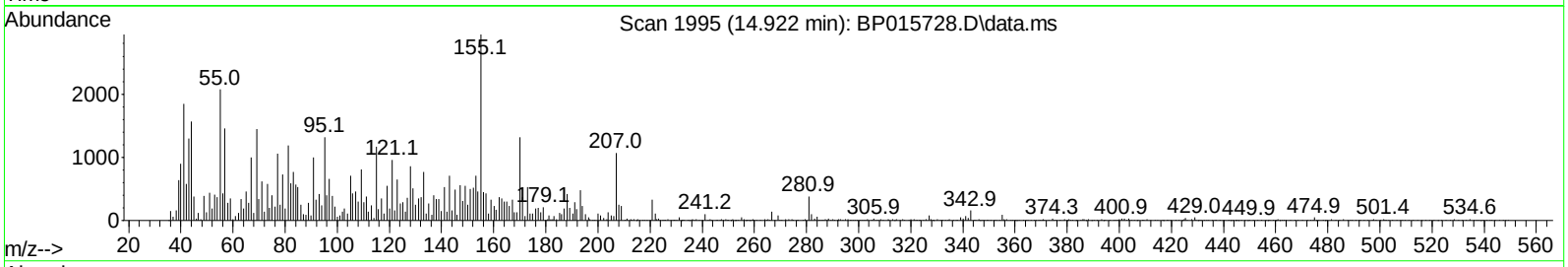
Quant Time: Jun 27 02:36:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration

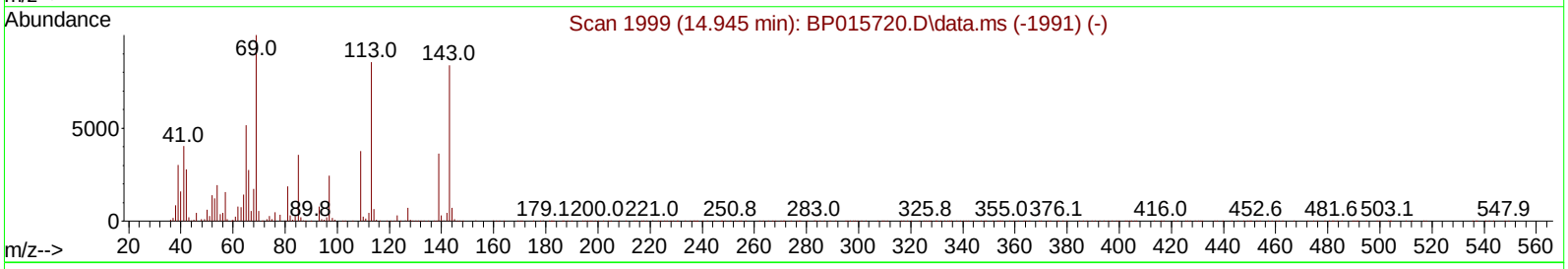
Instrument :
BNA_P
ClientSampleId :
DCFK3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023







TIC: BP015728.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.922min (-0.023) 0.16 ng/ul

response 579

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	33.71#
41.00	45.70	261.47#
42.00	31.20	81.44#

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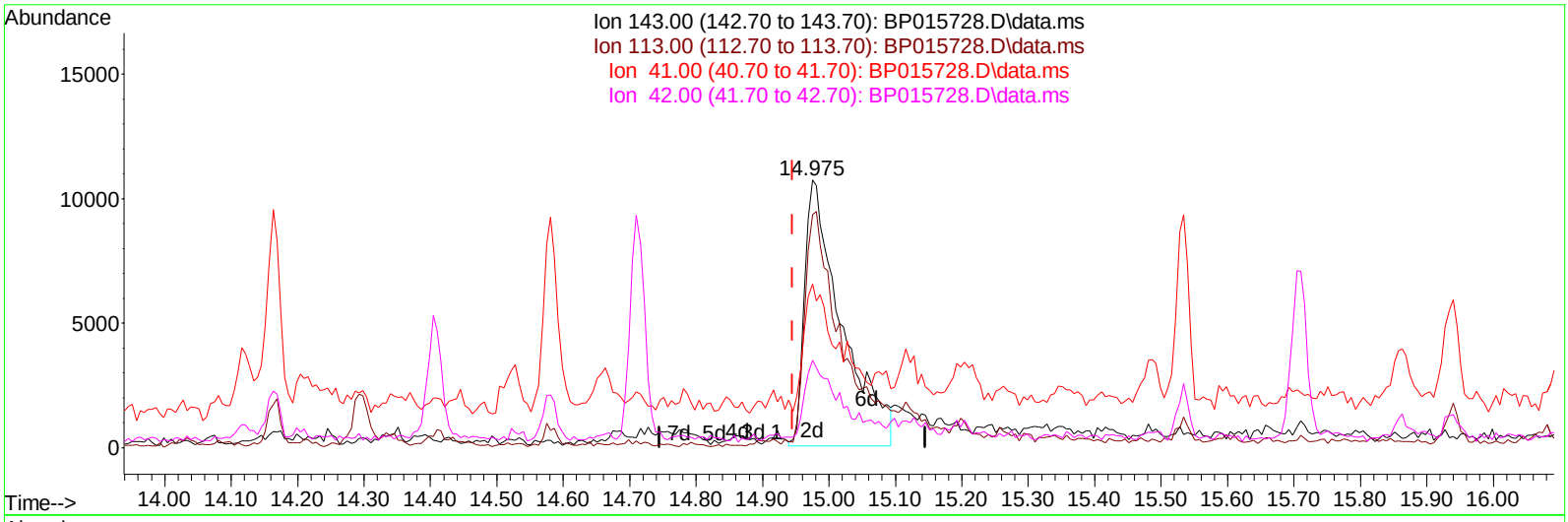

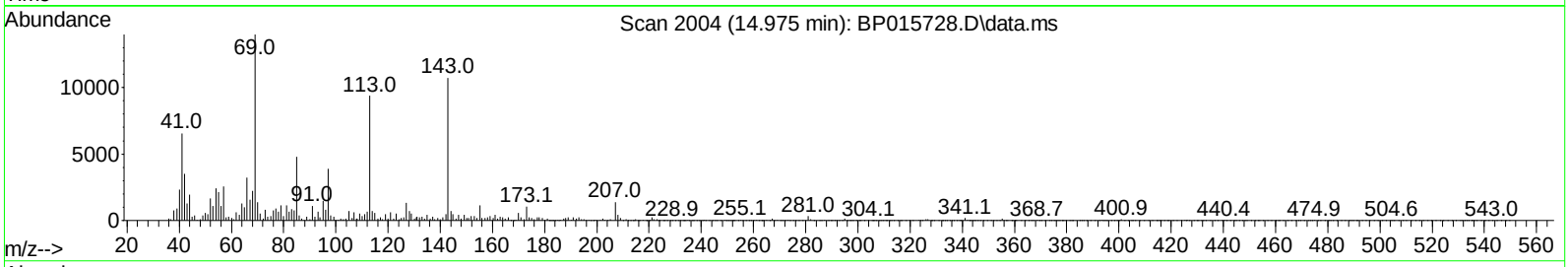

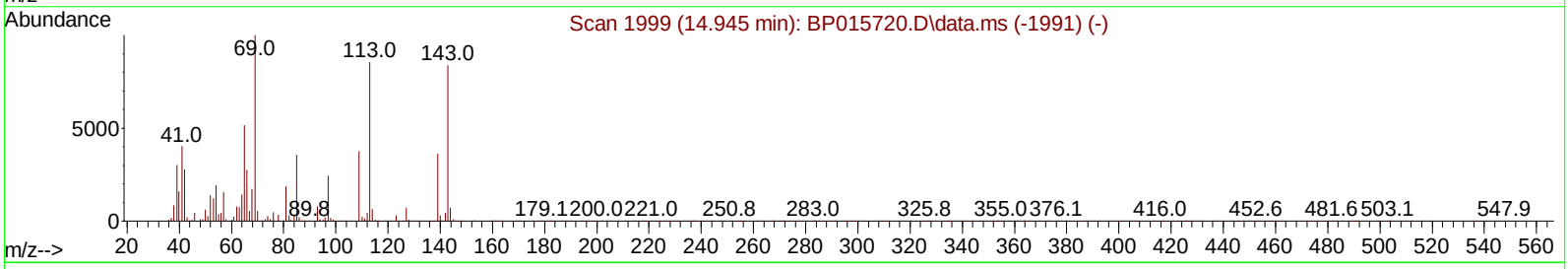

TIC: BP015728.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.975min (+ 0.030) 11.72 ng/ul m

response 41198

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	87.23
41.00	45.70	61.16#
42.00	31.20	32.73

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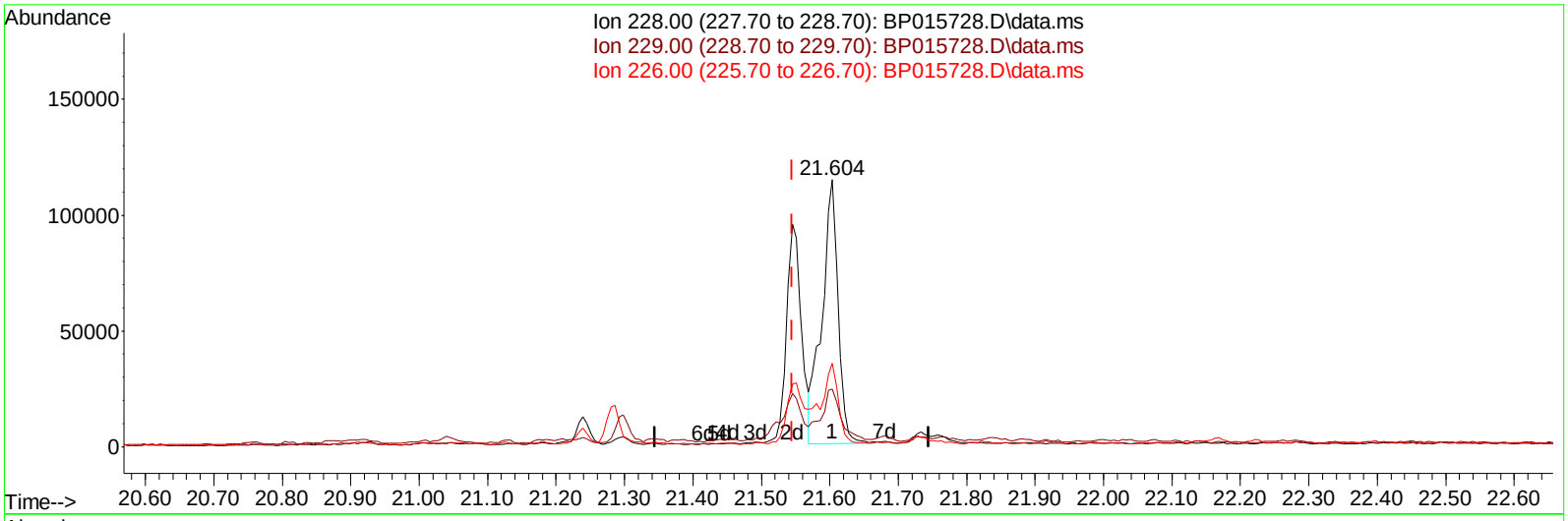

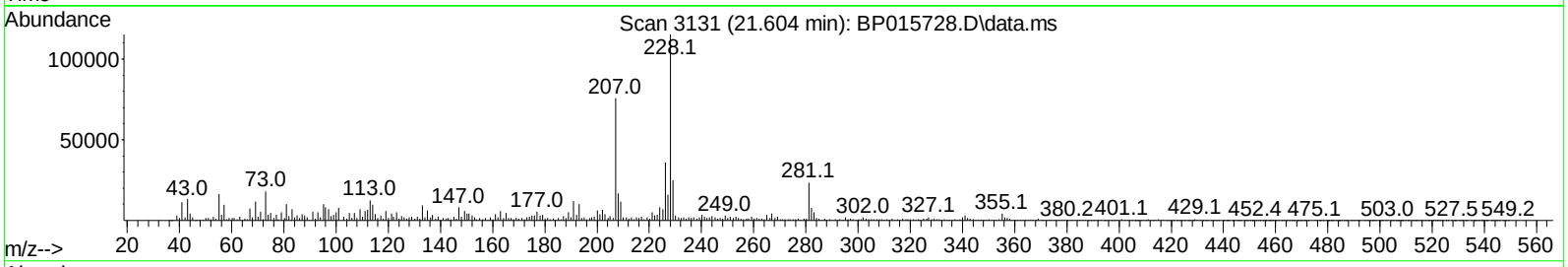

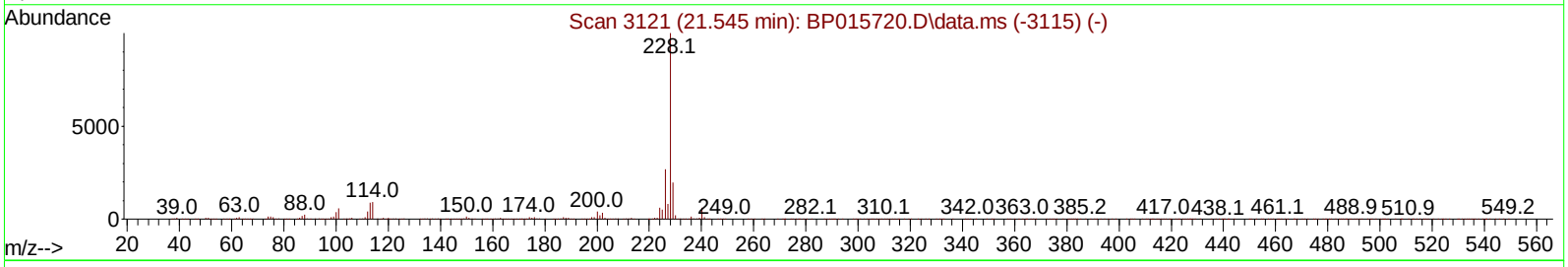

TIC: BP015728.D\data.ms

(85) Benzo(a)anthracene

21.604min (+ 0.059) 3.73 ng/ul

response 187970

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.10	21.66
226.00	26.70	31.32
0.00	0.00	0.00

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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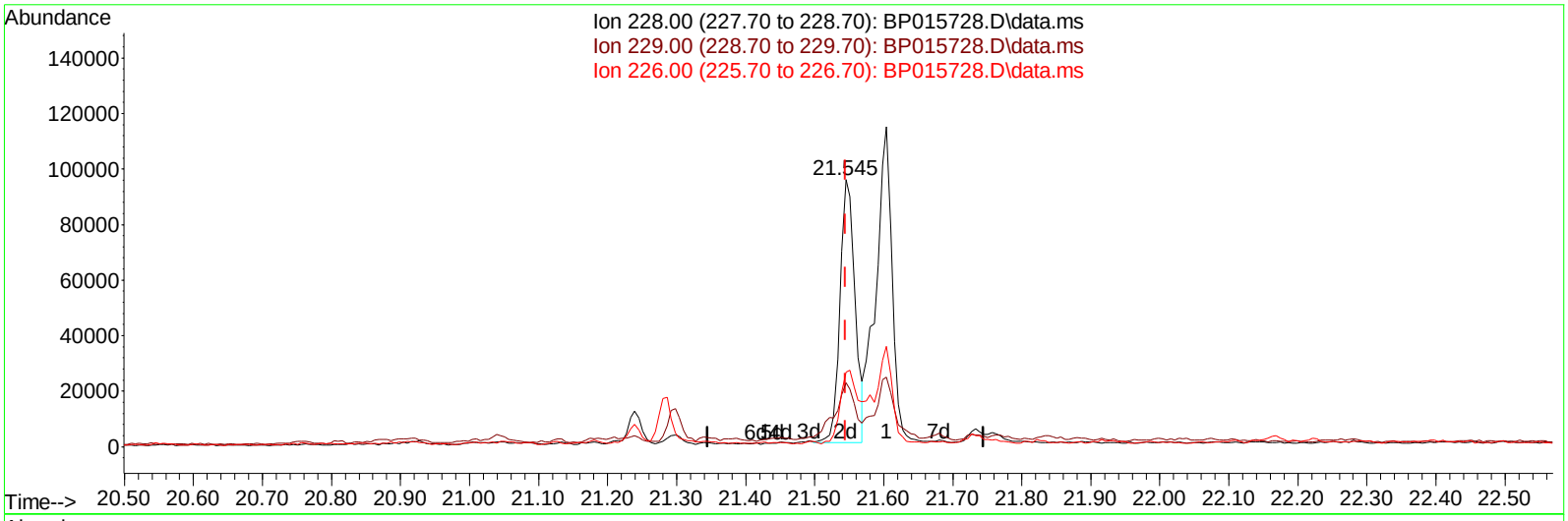

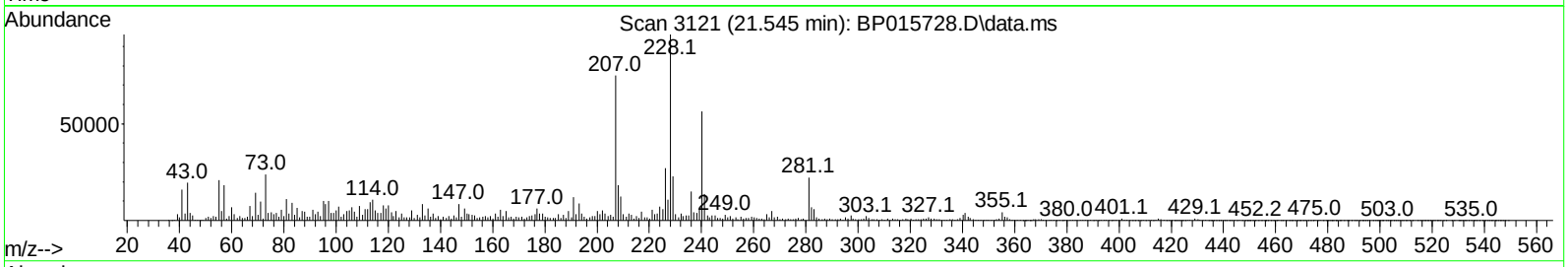

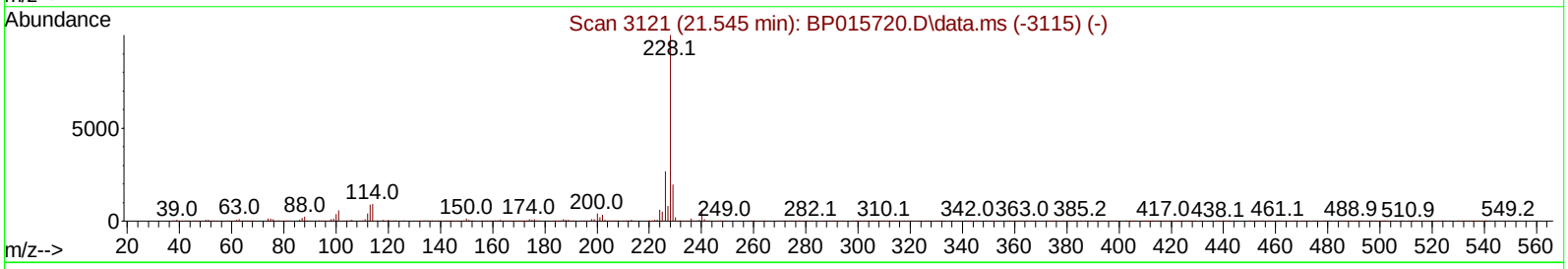

TIC: BP015728.D\data.ms

(85) Benzo(a)anthracene

21.545min (+ 0.000) 2.86 ng/ul m

response 144221

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.10	23.84#
226.00	26.70	28.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
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Acq On : 26 Jun 2023 22:58
Operator : MA/JU
Sample : 03083-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 27 03:13:12 2023
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Quant Title : SVOA CALIBRATION
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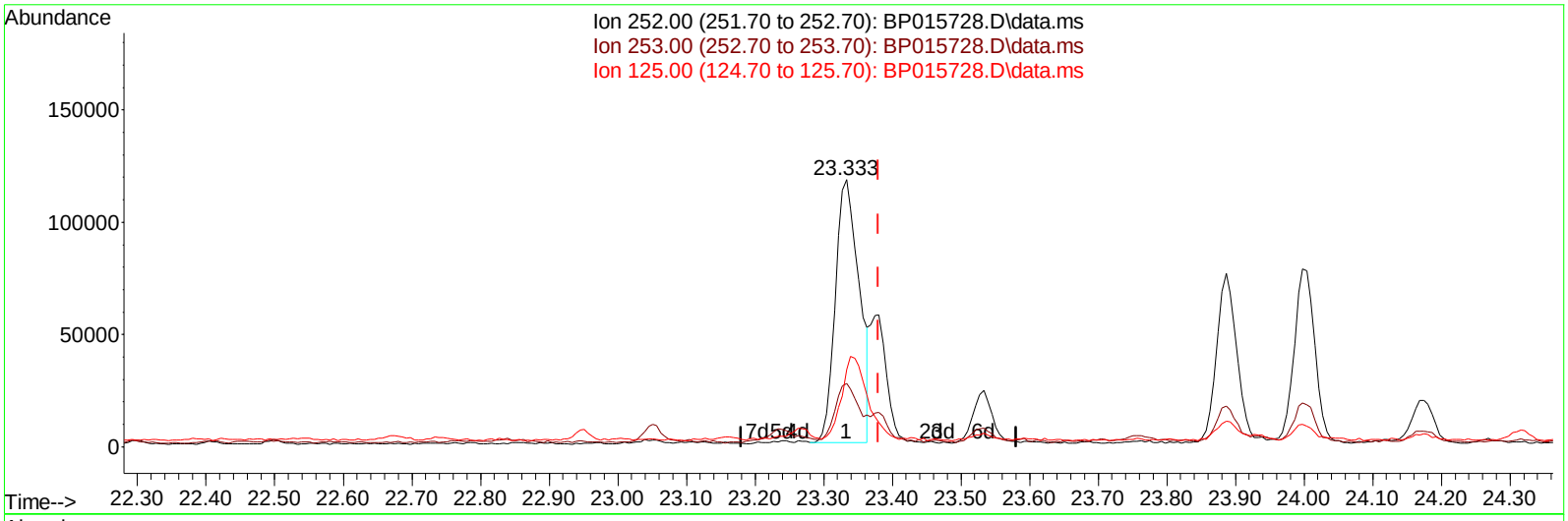

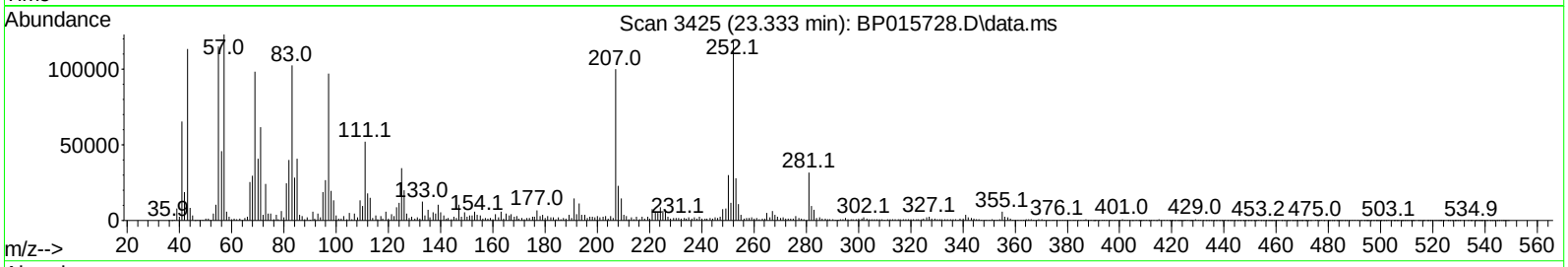

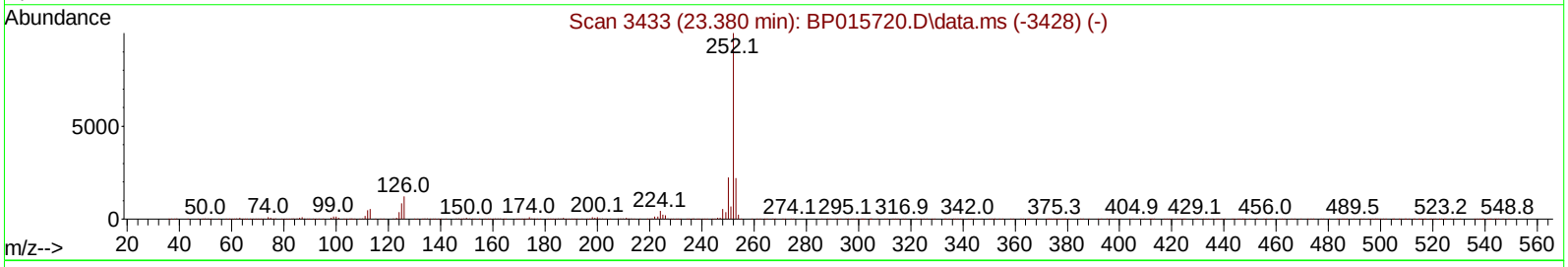

TIC: BP015728.D\data.ms

(91) Benzo(k)fluoranthene

23.333min (-0.047) 4.81 ng/ul

response 282857

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.62
125.00	9.10	28.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

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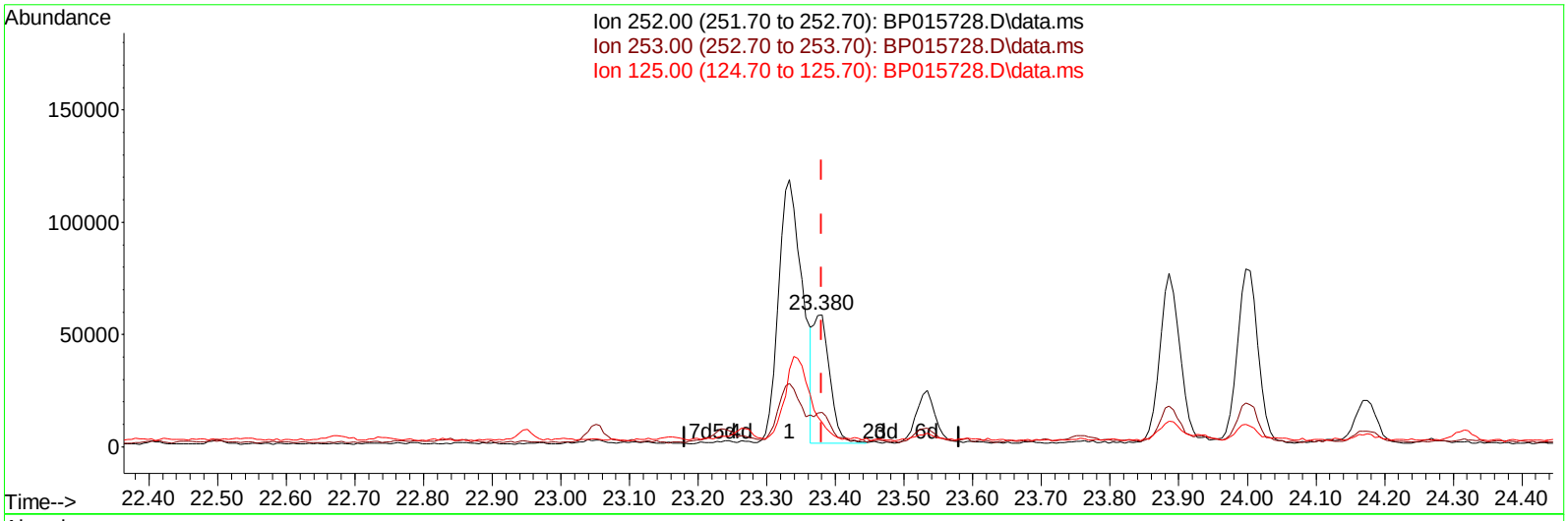

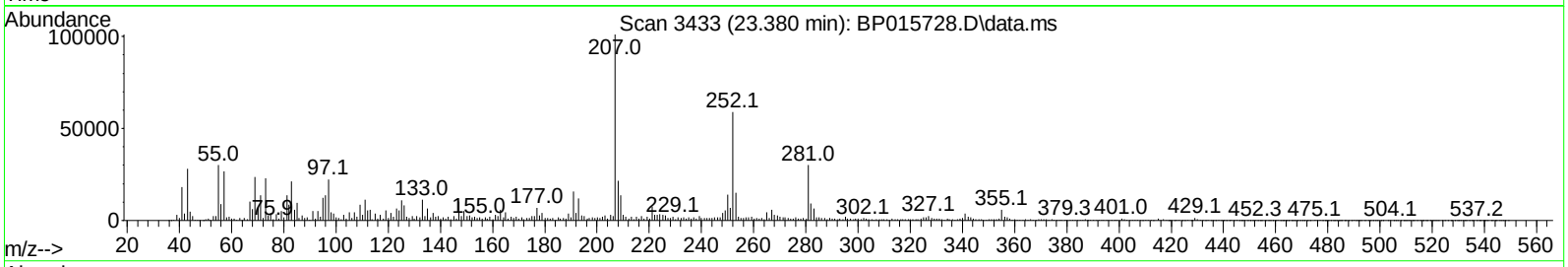

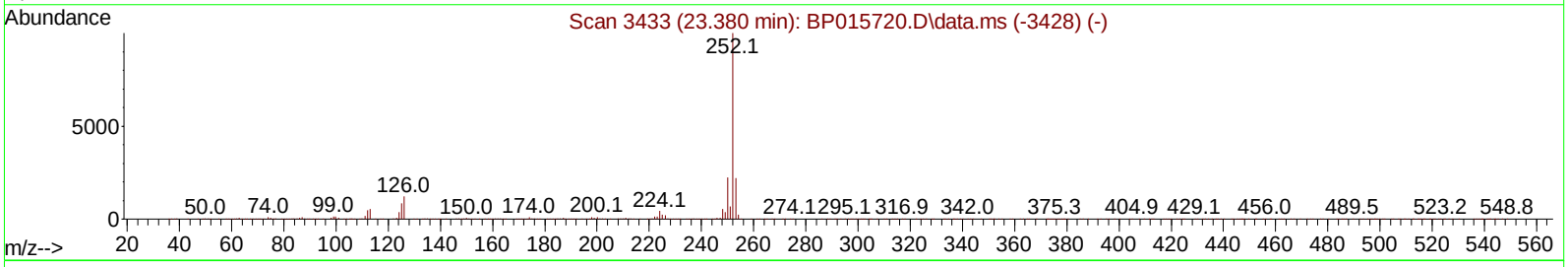

TIC: BP015728.D\data.ms

(91) Benzo(k)fluoranthene

23.380min (+ 0.000) 1.63 ng/ul m

response 96145

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	25.93#
125.00	9.10	18.51#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
Data File : BP015728.D
Acq On : 26 Jun 2023 22:58
Operator : MA/JU
Sample : 03083-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 27 03:13:53 2023
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	190603	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	683566	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	344612	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	685318	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	716923	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	906038	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	14045	2.651	ng/uL	0.00
4) Pyridine-d5	3.834	84	122154	9.147	ng/ul	0.00
7) Phenol-d5	7.234	99	223332	13.694	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	157245	15.585	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	192716	15.654	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	154622	12.002	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	87203	16.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	96911	15.895	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	156939	14.444	ng/ul	0.01
31) 4-Chloroaniline-d4	11.063	131	63310	4.536	ng/ul	0.02
46) Dimethylphthalate-d6	14.122	166	463704	17.409	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	524721	17.524	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	41198m	11.721	ng/ul	0.03
60) Fluorene-d10	15.710	176	374404	17.071	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	46772	11.097	ng/ul	0.00
73) Anthracene-d10	17.575	188	505510	16.148	ng/ul	0.00
81) Pyrene-d10	19.798	212	681199	14.551	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	791430	17.316	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.940	128	45590	1.227	ng/ul	98
36) 2-Methylnaphthalene	12.551	142	25860	1.057	ng/ul	93
50) Acenaphthylene	14.440	152	51016	1.546	ng/ul	98
72) Phenanthrene	17.516	178	135559	3.641	ng/ul	98
80) Fluoranthene	19.475	202	284245	4.886	ng/ul	99
82) Pyrene	19.828	202	232083	3.911	ng/ul	97
85) Benzo(a)anthracene	21.545	228	144221m	2.860	ng/ul	
87) Chrysene	21.604	228	185776	3.883	ng/ul	97
90) Benzo(b)fluoranthene	23.333	252	282857	4.859	ng/ul#	81
91) Benzo(k)fluoranthene	23.380	252	96145m	1.635	ng/ul	
93) Benzo(a)pyrene	23.998	252	164690	3.238	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.821	276	153724	2.226	ng/ul	95
96) Benzo(g,h,i)perylene	27.662	276	149671	2.635	ng/ul	99

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

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