Quantitation Report (Qedit)

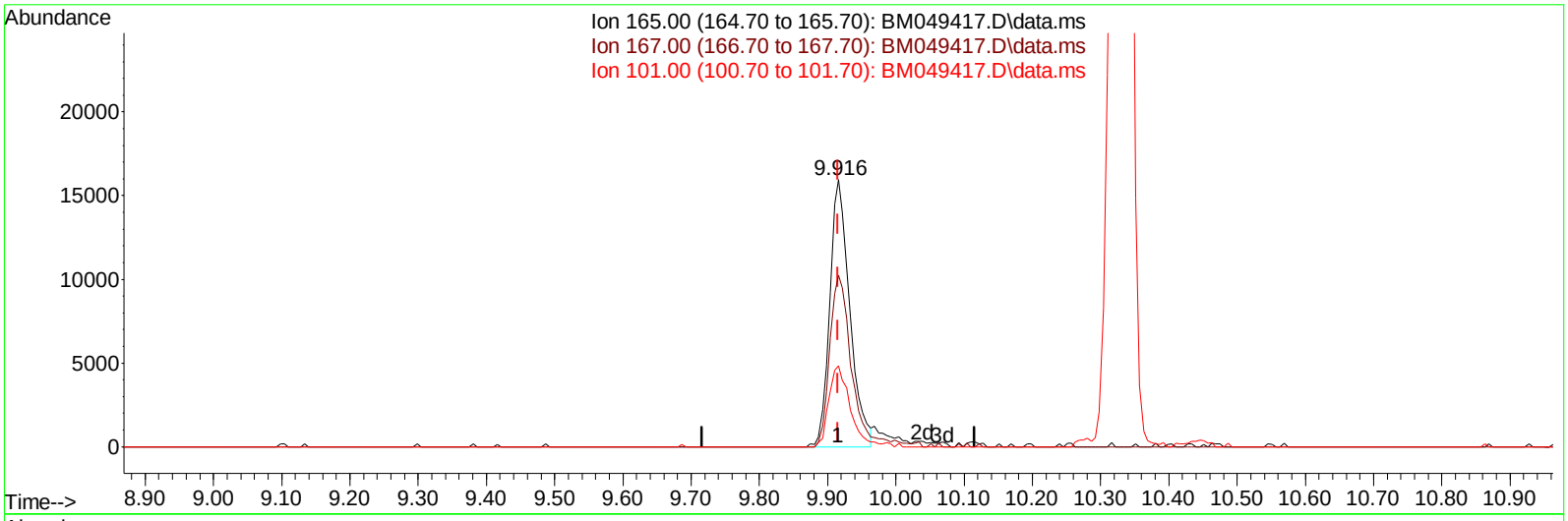
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049417.D
Acq On : 23 Jan 2025 13:35
Operator : RC/JU
Sample : Q1139-10DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

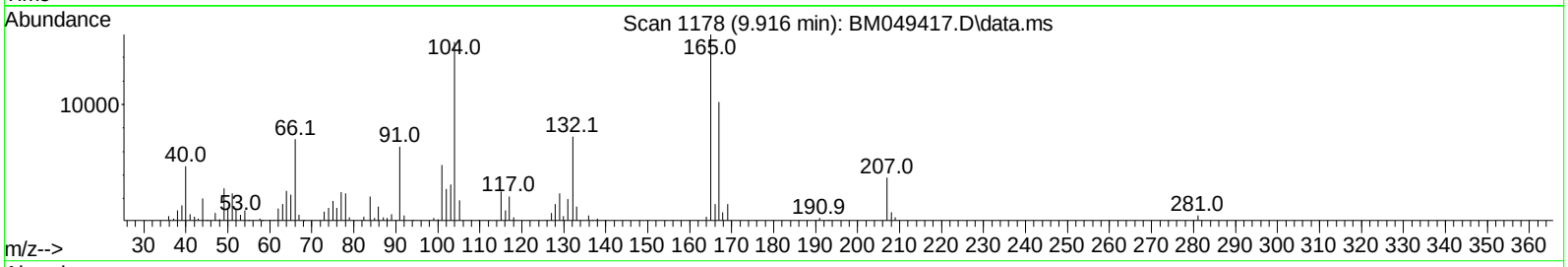
Quant Time: Jan 23 22:09:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

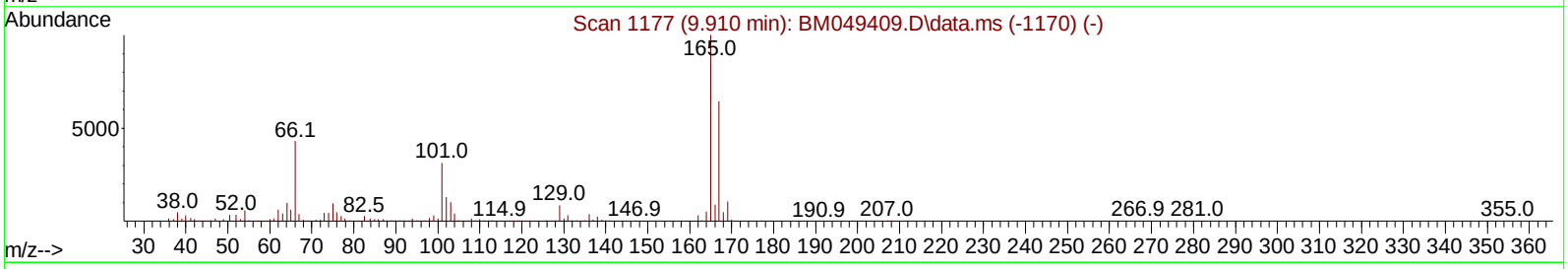
Instrument :
BNA_M
ClientSampleId :
DCZH7DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049417.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

9.916min (+ 0.000) 1.98 ng/ul

response 32516

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	63.10	64.24
101.00	30.40	30.41
0.00	0.00	0.00

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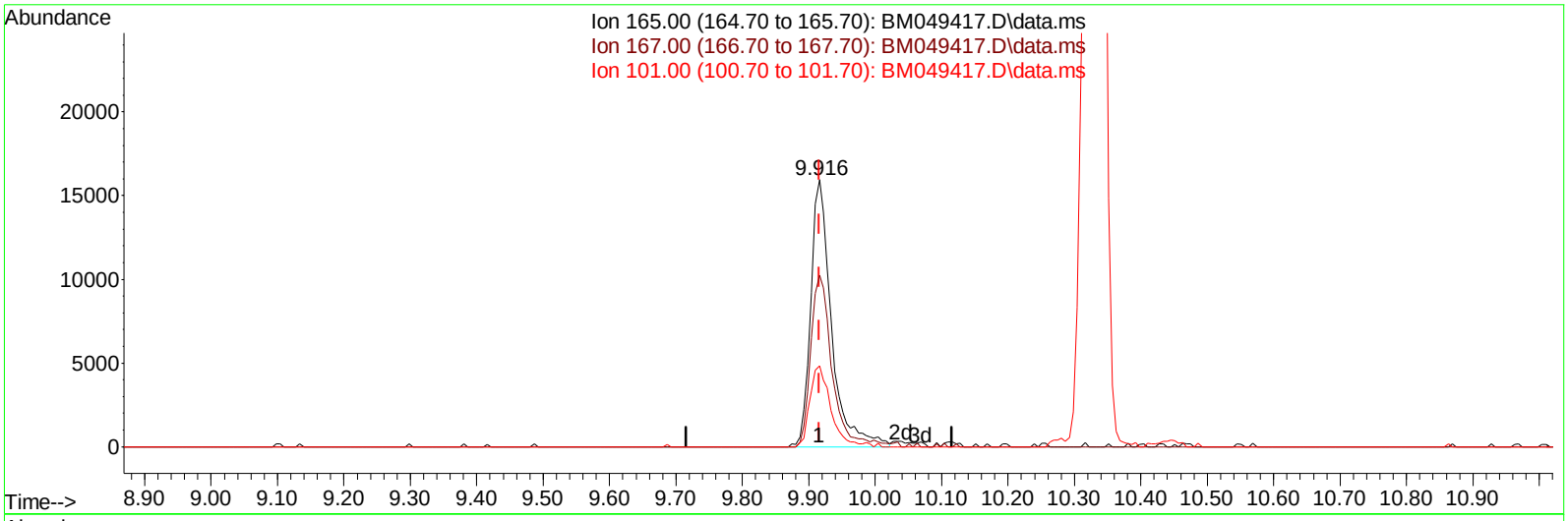

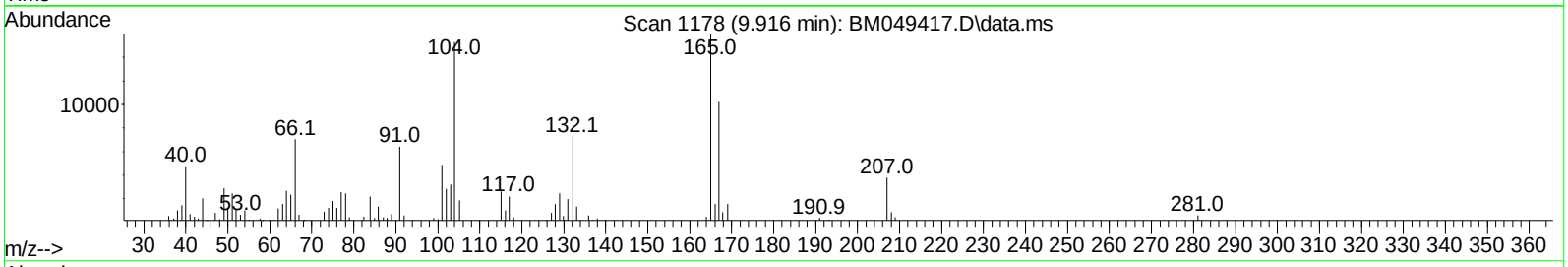

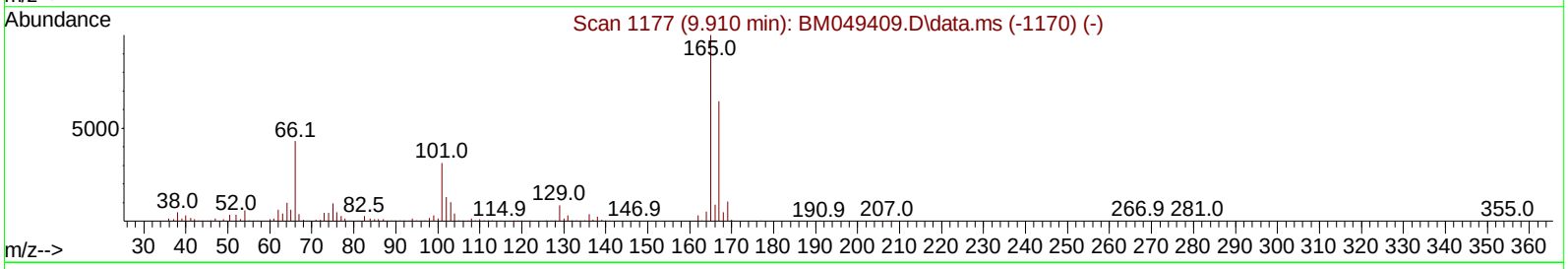

TIC: BM049417.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

9.916min (+ 0.000) 2.11 ng/ul m

response 34663

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	63.10	64.24
101.00	30.40	30.41
0.00	0.00	0.00

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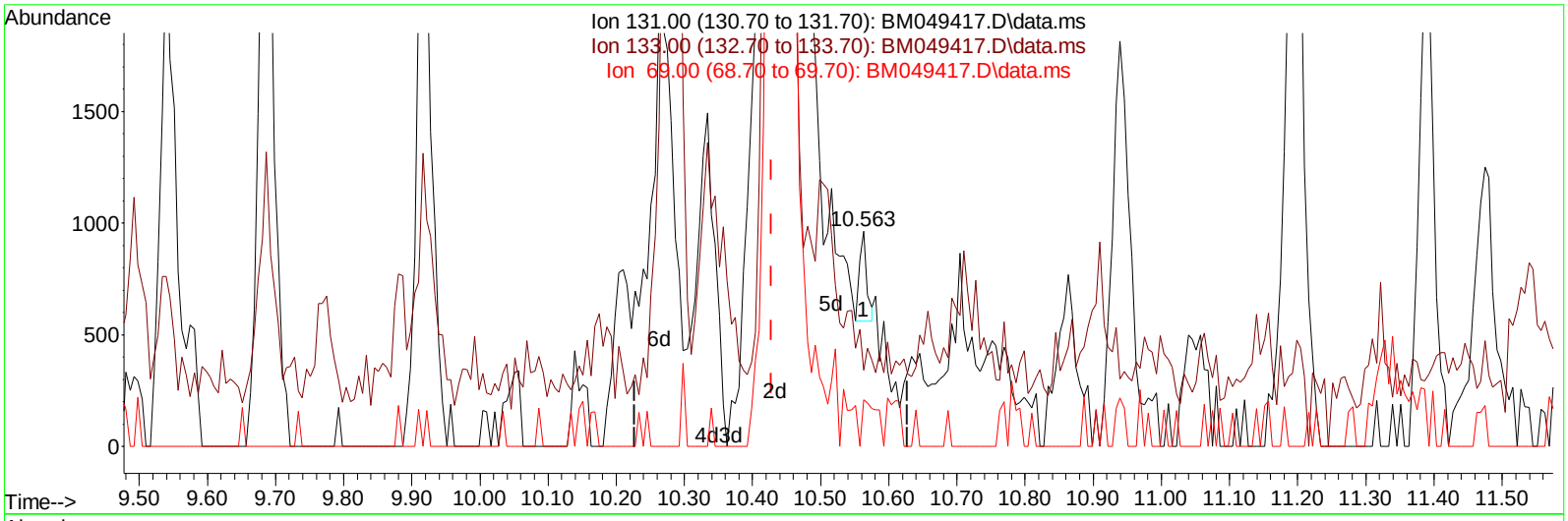

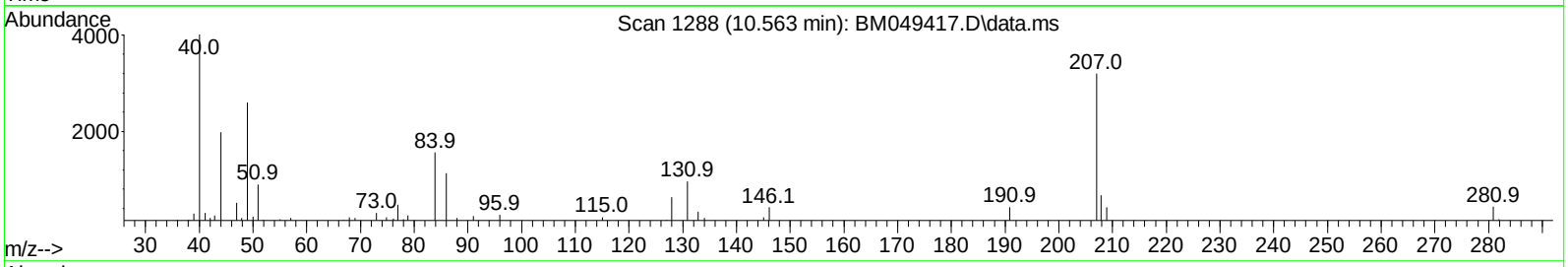

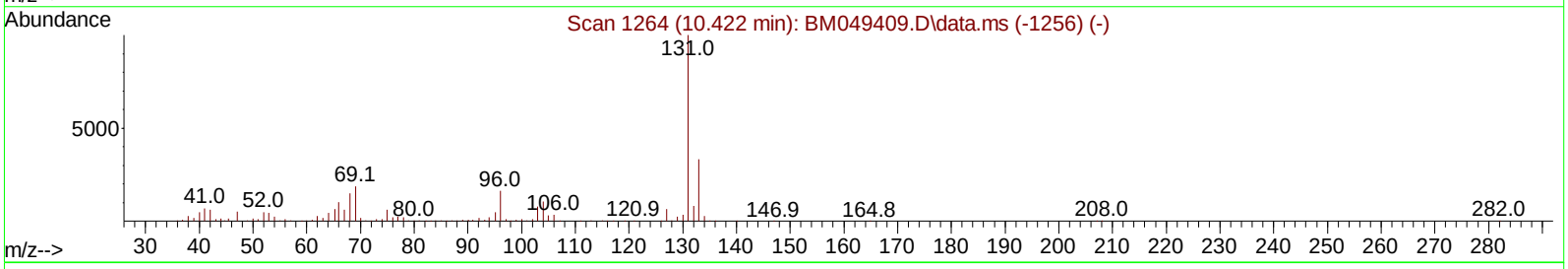

TIC: BM049417.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.563min (+ 0.135) 0.01 ng/ul

response 302

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.10	35.30
69.00	19.00	21.84
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : Q1139-10DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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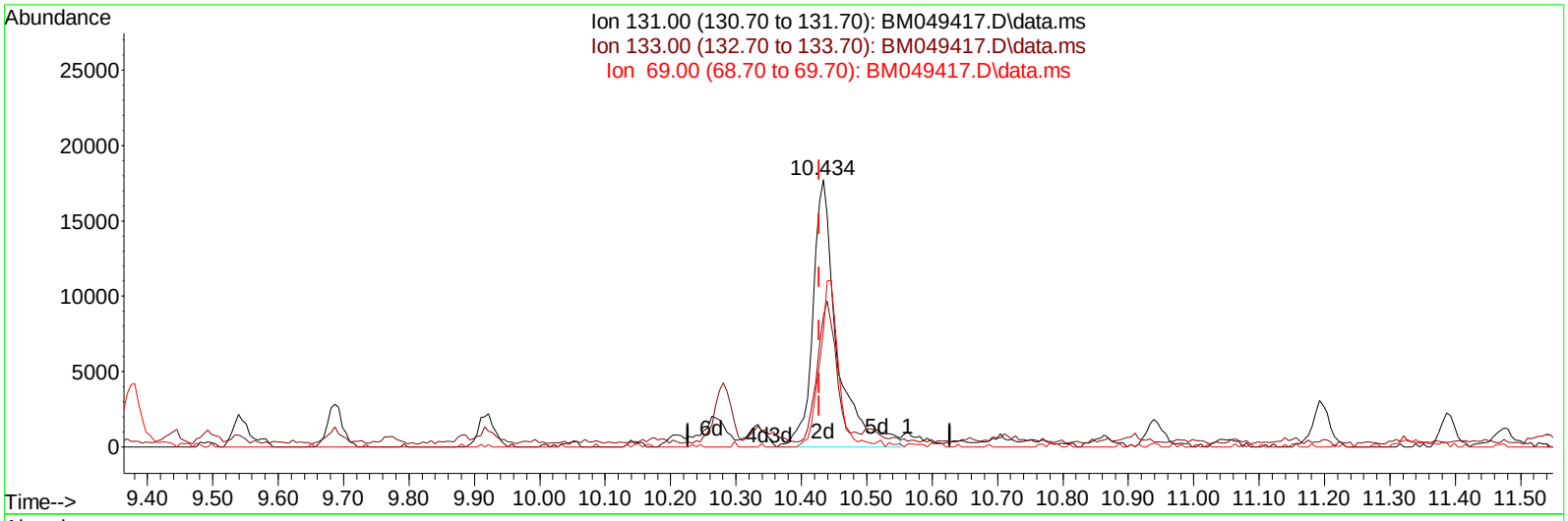

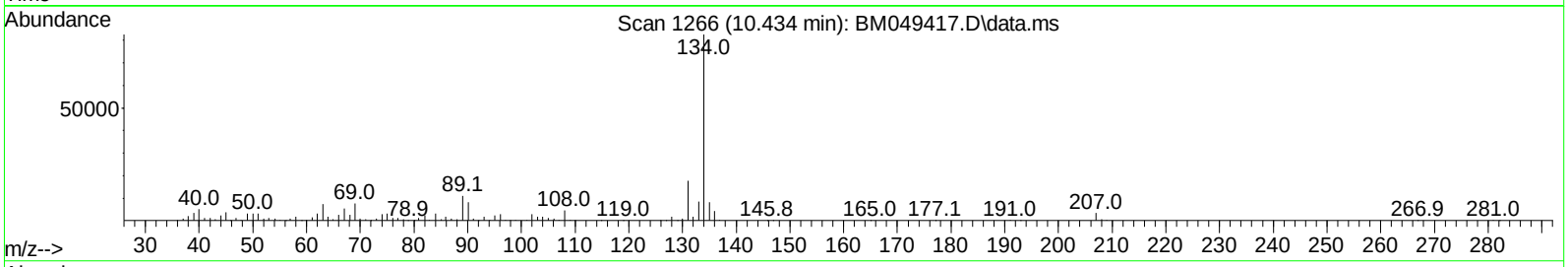

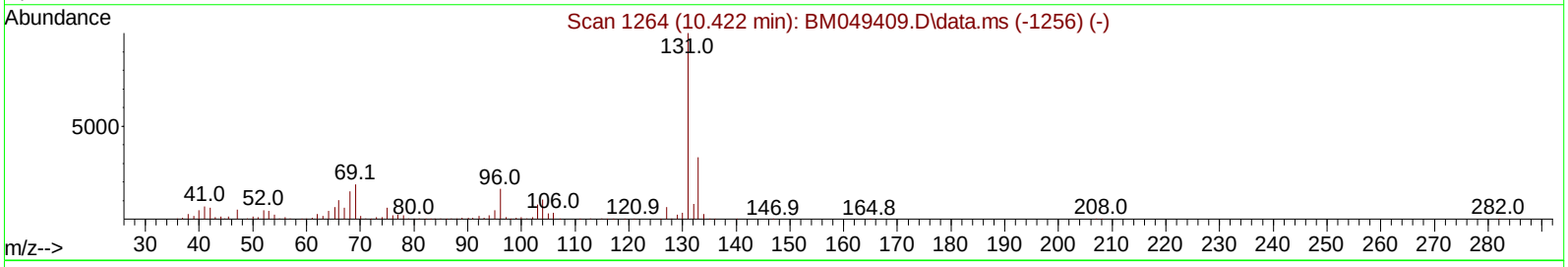

TIC: BM049417.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.434min (+ 0.006) 2.10 ng/ul m

response 45365

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.10	48.92#
69.00	19.00	43.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049417.D
Acq On : 23 Jan 2025 13:35
Operator : RC/JU
Sample : Q1139-10DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 23 22:50:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
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ClientSampleId :
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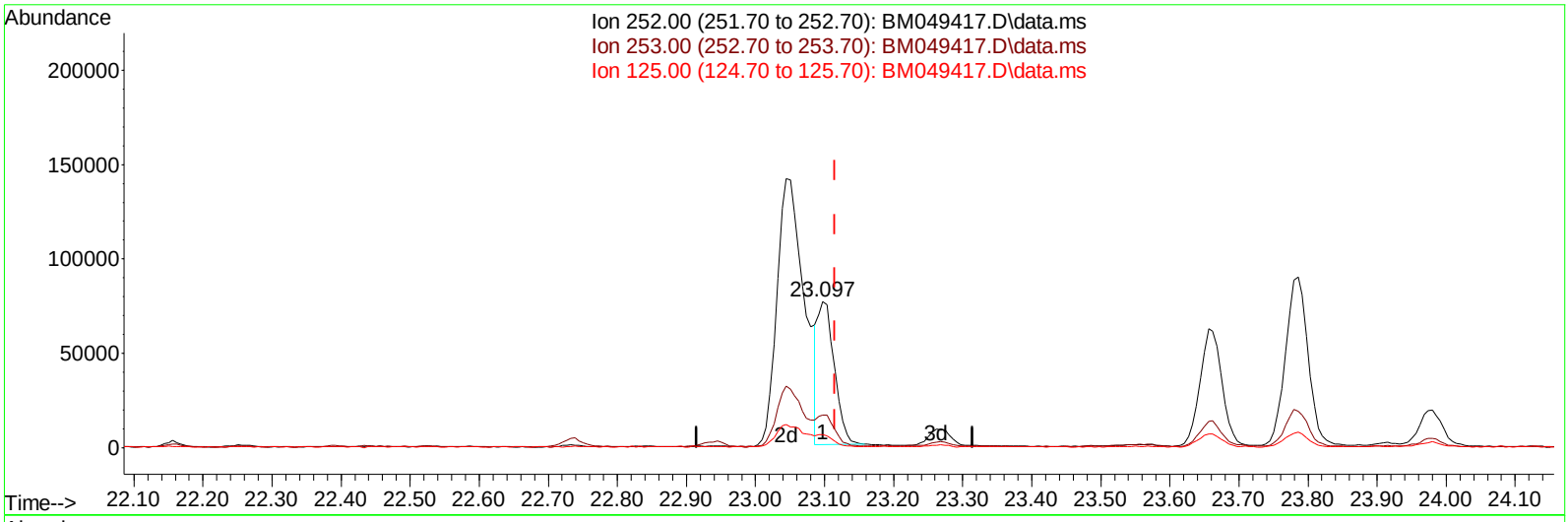

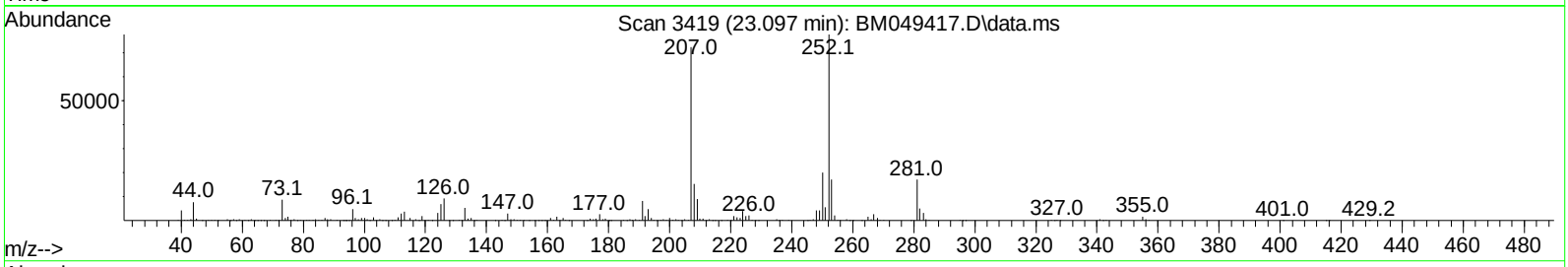

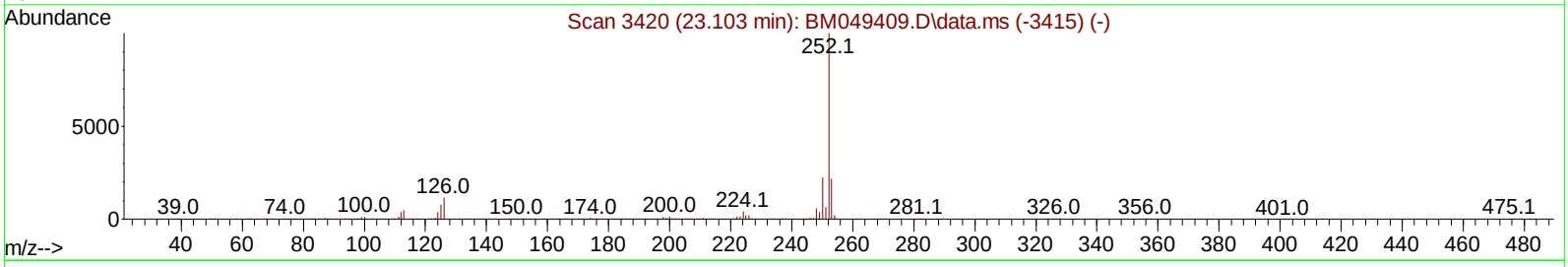

TIC: BM049417.D\data.ms

(91) Benzo(k)fluoranthene

23.097min (-0.018) 1.74 ng/ul

response 125676

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.35
125.00	8.10	8.88
0.00	0.00	0.00

Quantitation Report (Qedit)

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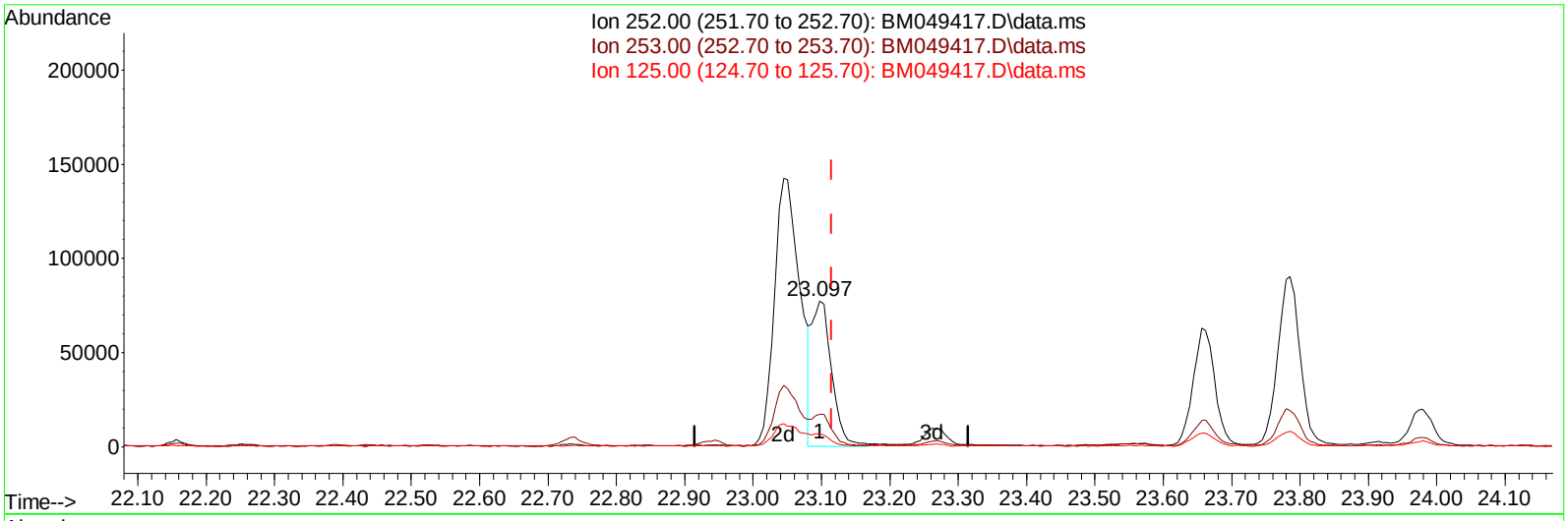

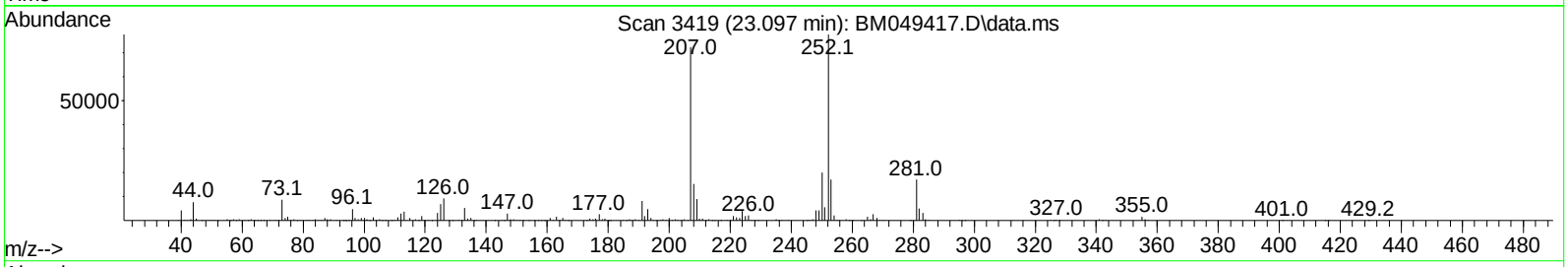

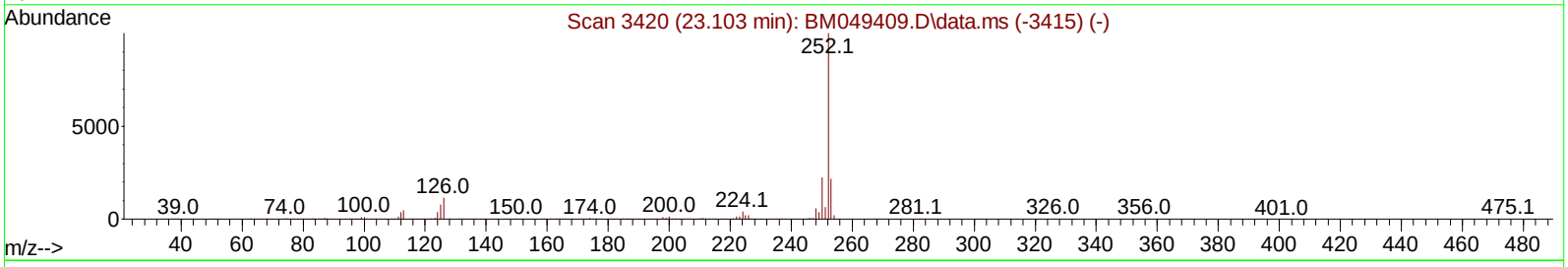

TIC: BM049417.D\data.ms

(91) Benzo(k)fluoranthene

23.097min (-0.018) 2.15 ng/ul m

response 155650

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.35
125.00	8.10	8.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049417.D
Acq On : 23 Jan 2025 13:35
Operator : RC/JU
Sample : Q1139-10DL 10X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jan 23 22:52:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
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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	7.516	152	262285	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	942775	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	597416	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1154268	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1092734	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1083418	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	2815	0.444	ng/uL	0.00
4) Pyridine-d5	3.516	84	37981	1.882	ng/ul	0.00
7) Phenol-d5	6.710	99	45734	2.077	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	32695	2.230	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	39863	2.367	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	32617	1.910	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	15393	2.141	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	15204	1.892	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	34663m	2.114	ng/ul	0.00
31) 4-Chloroaniline-d4	10.434	131	45365m	2.102	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	110652	2.489	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	101363	1.997	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.157	176	75801	1.973	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.010	188	114235	2.002	ng/ul	0.00
81) Pyrene-d10	19.309	212	122592	1.843	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	93121	1.601	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.334	128	7101571	141.936	ng/ul	99
36) 2-Methylnaphthalene	11.951	142	1997430	55.789	ng/ul	99
37) 1-Methylnaphthalene	12.169	142	930589	26.123	ng/ul	99
50) Acenaphthylene	13.874	152	58221	1.119	ng/ul#	85
52) Acenaphthene	14.221	153	1639927	44.106	ng/ul	99
61) Fluorene	15.210	166	1456893	33.772	ng/ul	98
72) Phenanthrene	16.957	178	12053597	187.838	ng/ul	98
74) Anthracene	17.045	178	1053526	16.357	ng/ul	100
80) Fluoranthene	18.980	202	6383408	83.534	ng/ul	100
82) Pyrene	19.345	202	4140217	50.898	ng/ul	99
85) Benzo(a)anthracene	21.121	228	893357	11.731	ng/ul	100
87) Chrysene	21.180	228	780714	11.230	ng/ul	99
90) Benzo(b)fluoranthene	23.044	252	368109	5.076	ng/ul	98
91) Benzo(k)fluoranthene	23.097	252	155650m	2.153	ng/ul	
93) Benzo(a)pyrene	23.786	252	201117	3.070	ng/ul	99

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

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