

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048590.D
 Acq On : 11 Nov 2024 18:23
 Operator : RC/JU
 Sample : P4585-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4ED9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 11 23:02:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	129989	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	526247	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	325600	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	681807	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	688904	20.000	ng/u1	0.00
88) Perylene-d12	24.191	264	812531	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	2883	0.884	ng/uL	0.00
4) Pyridine-d5	3.569	84	15424	1.716	ng/u1	0.02
7) Phenol-d5	6.845	99	70272	7.102	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.998	67	44092	7.418	ng/u1	0.00
11) 2-Chlorophenol-d4	7.198	132	62770	7.658	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	47394	6.091	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	25898	6.790	ng/u1	0.00
24) 2-Nitrophenol-d4	9.545	143	27683	6.824	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	53602	7.112	ng/u1	0.01
31) 4-Chloroaniline-d4	10.610	131	58020	5.420	ng/u1	0.01
46) Dimethylphthalate-d6	13.727	166	183530	8.830	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	200131	8.167	ng/u1	0.00
54) 4-Nitrophenol-d4	14.574	143	15478m	4.009	ng/u1	0.04
60) Fluorene-d10	15.310	176	160892	8.868	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	11648	3.396	ng/u1	0.01
73) Anthracene-d10	17.157	188	240177	8.324	ng/u1	0.00
81) Pyrene-d10	19.451	212	279911	8.096	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.991	264	254865	6.713	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.492	105	49523	4.083	ng/u1	99
80) Fluoranthene	19.115	202	85585	2.133	ng/u1	98
82) Pyrene	19.480	202	47534	1.093	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	146424	6.007	ng/u1	100
87) Chrysene	21.321	228	52725	1.263	ng/u1	96
90) Benzo(b)fluoranthene	23.274	252	62872	1.406	ng/u1	98

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

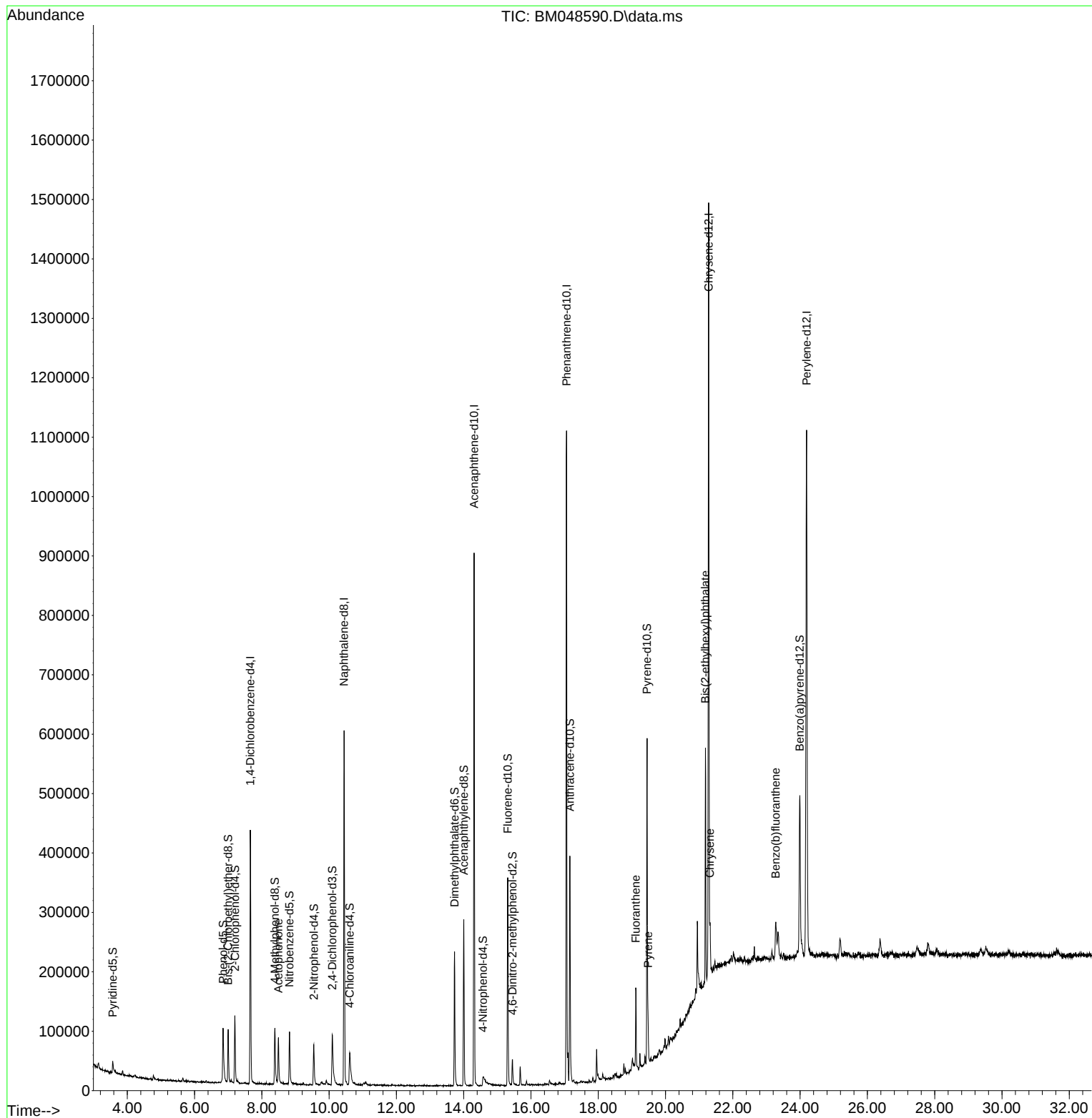
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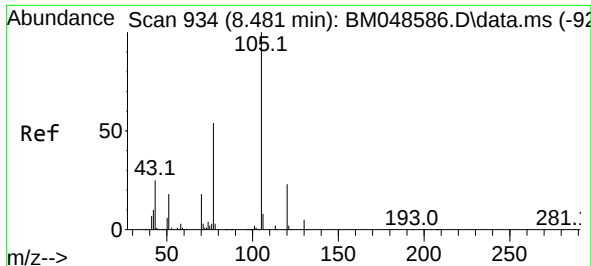
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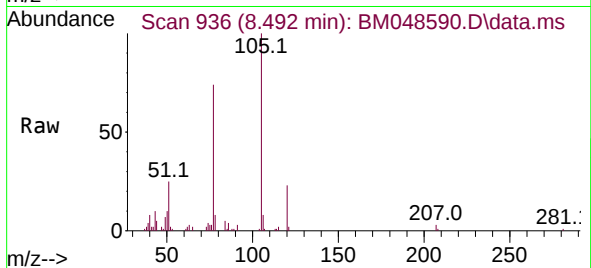
Quant Time: Nov 11 23:02:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 4.083 ng/u1
RT: 8.492 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM048590.D
Acq: 11 Nov 2024 18:23

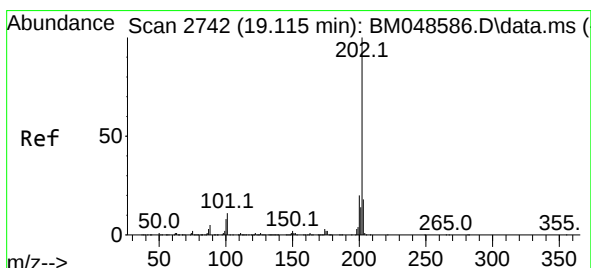
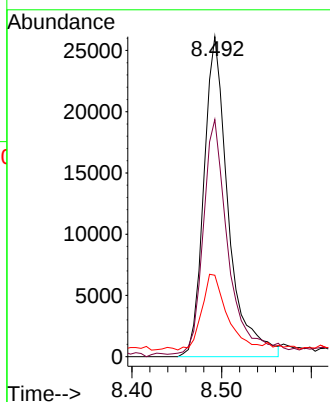
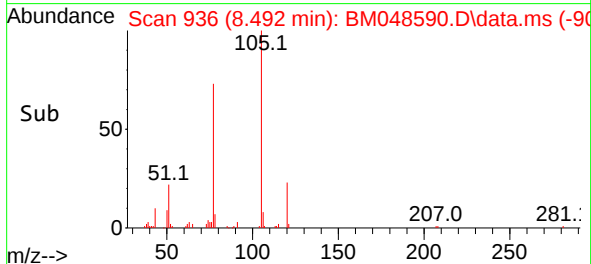
Instrument :
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A4ED9



Tgt Ion:105 Resp: 4952
Ion Ratio Lower Upper
105 100
77 74.1 59.7 89.5
51 25.4 20.6 31.0

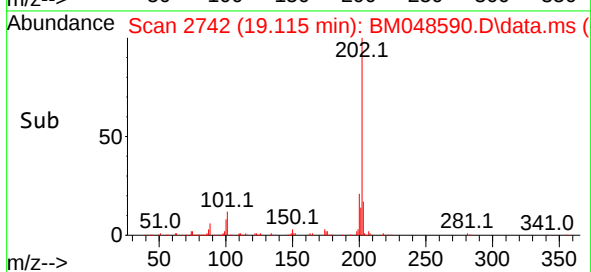
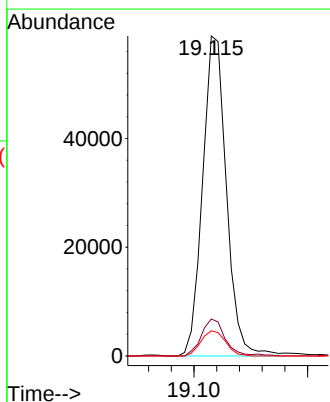
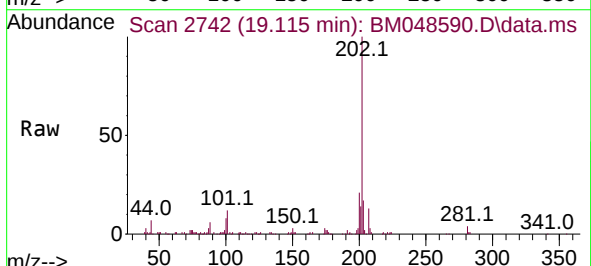
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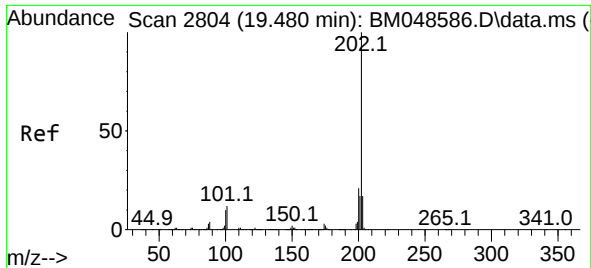
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/13/2024



#80
Fluoranthene
Concen: 2.133 ng/u1
RT: 19.115 min Scan# 2742
Delta R.T. -0.006 min
Lab File: BM048590.D
Acq: 11 Nov 2024 18:23

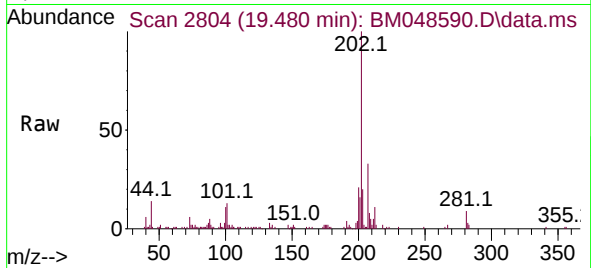
Tgt Ion:202 Resp: 85585
Ion Ratio Lower Upper
202 100
101 11.6 8.5 12.7
100 7.9 7.0 10.4





#82
 Pyrene
 Concen: 1.093 ng/ul
 RT: 19.480 min Scan# 2804
 Delta R.T. 0.000 min
 Lab File: BM048590.D
 Acq: 11 Nov 2024 18:23

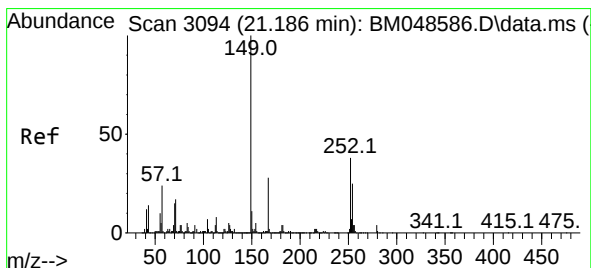
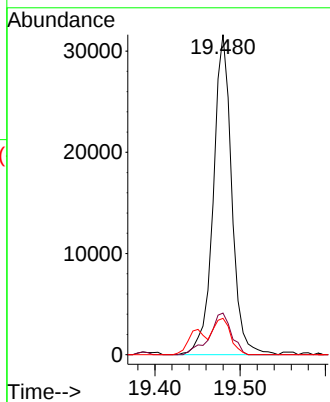
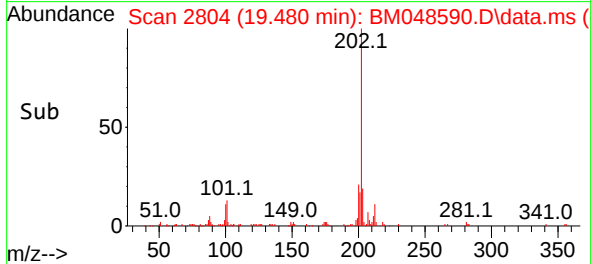
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Tgt Ion:202 Resp: 47534
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.6 15.8
 100 11.4 8.9 13.3

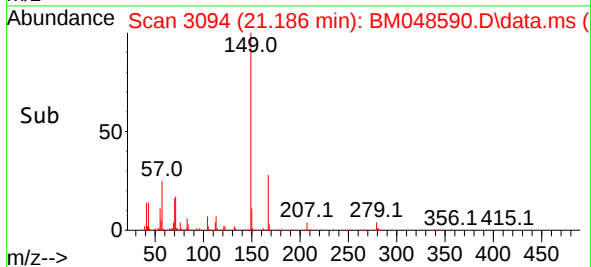
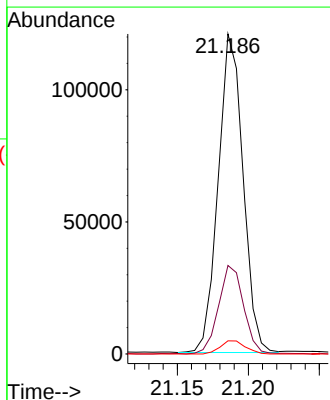
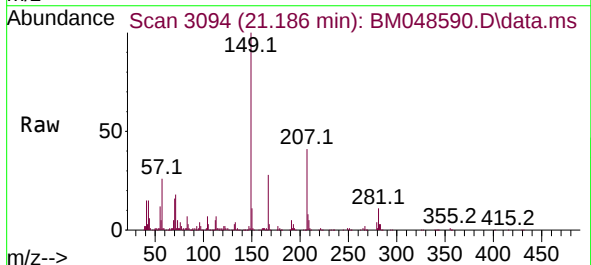
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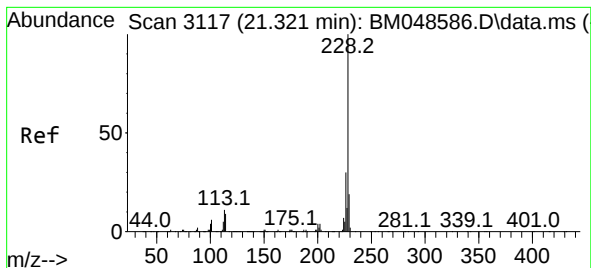
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 6.007 ng/ul
 RT: 21.186 min Scan# 3094
 Delta R.T. -0.006 min
 Lab File: BM048590.D
 Acq: 11 Nov 2024 18:23

Tgt Ion:149 Resp: 146424
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.0 33.0
 279 4.1 3.1 4.7





#87

Chrysene

Concen: 1.263 ng/ul

RT: 21.321 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM048590.D

Acq: 11 Nov 2024 18:23

Instrument :

BNA_M

ClientSampleId :

A4ED9

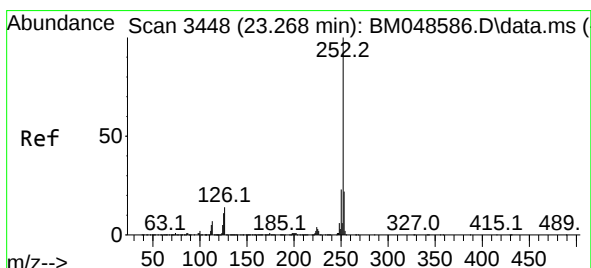
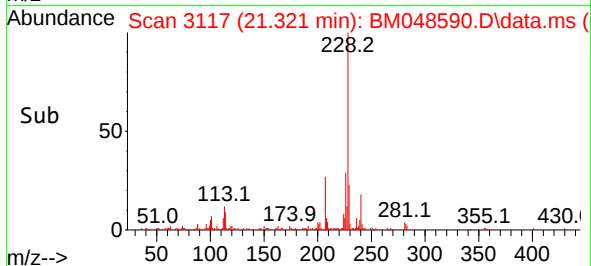
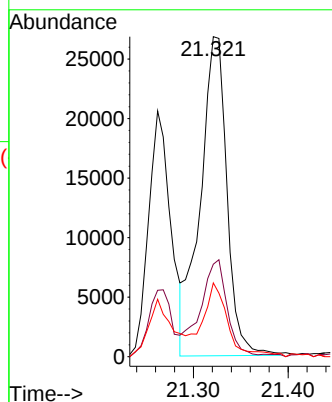
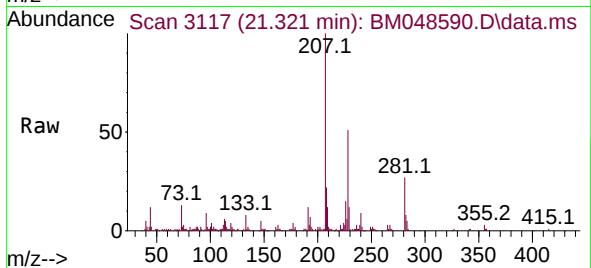
Tgt Ion:	228	Resp:	5272
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.4	35.2
229	23.1	15.6	23.4

Manual Integrations

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Supervised By :mohammad ahmed 11/13/2024



#90

Benzo(b)fluoranthene

Concen: 1.406 ng/ul

RT: 23.274 min Scan# 3449

Delta R.T. 0.000 min

Lab File: BM048590.D

Acq: 11 Nov 2024 18:23

Tgt Ion:	252	Resp:	62872
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	12.6	8.7	13.1

