

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
 Data File : BM048727.D
 Acq On : 16 Nov 2024 03:43
 Operator : RC/JU
 Sample : P4751-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH9C6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 16 04:32:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 16:55:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	126663	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	506806	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.274	164	296573	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.021	188	604513	20.000	ng/u1	0.00
79) Chrysene-d12	21.244	240	610147	20.000	ng/u1	0.00
88) Perylene-d12	24.132	264	741311	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	7589	2.389	ng/uL	0.00
4) Pyridine-d5	3.516	84	17974m	2.053	ng/u1	0.02
7) Phenol-d5	6.810	99	126628	13.133	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	76344	13.182	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	109007	13.648	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	84279	11.116	ng/u1	0.00
21) Nitrobenzene-d5	8.786	128	46485	12.655	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	48723	12.470	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	99380	13.692	ng/u1	0.02
31) 4-Chloroaniline-d4	10.580	131	45230m	4.387	ng/u1	0.02
46) Dimethylphthalate-d6	13.692	166	320218	16.914	ng/u1	0.00
49) Acenaphthylene-d8	13.968	160	351078	15.729	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	32826m	9.335	ng/u1	0.02
60) Fluorene-d10	15.274	176	281767	17.050	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.415	200	22935	7.542	ng/u1	0.00
73) Anthracene-d10	17.121	188	425560	16.636	ng/u1	0.00
81) Pyrene-d10	19.421	212	424603	13.867	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.932	264	313888	9.062	ng/u1	0.00
Target Compounds						Qvalue
8) Phenol	6.839	94	12917	1.277	ng/u1#	90
16) Acetophenone	8.451	105	65019	5.502	ng/u1	98
72) Phenanthrene	17.062	178	110538	3.687	ng/u1	99
80) Fluoranthene	19.086	202	323515	9.106	ng/u1	98
82) Pyrene	19.450	202	195424	5.073	ng/u1	99
85) Benzo(a)anthracene	21.227	228	131065	3.408	ng/u1	98
87) Chrysene	21.291	228	166348	4.501	ng/u1	99
90) Benzo(b)fluoranthene	23.227	252	234772	5.753	ng/u1	98
91) Benzo(k)fluoranthene	23.285	252	90678m	2.229	ng/u1	
93) Benzo(a)pyrene	23.991	252	66197	1.725	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.373	276	75635	1.517	ng/u1	98

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

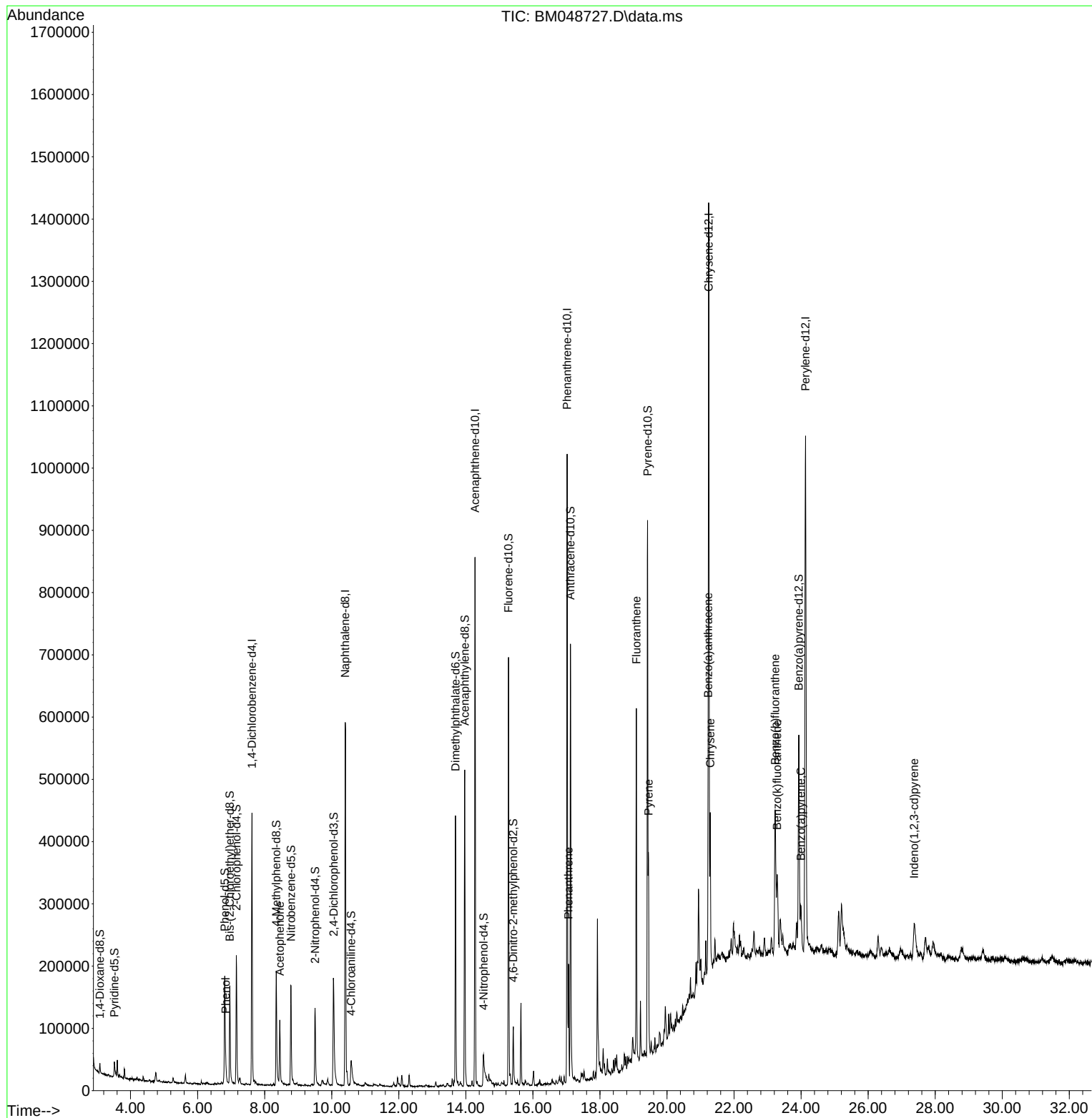
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
Data File : BM048727.D
Acq On : 16 Nov 2024 03:43
Operator : RC/JU
Sample : P4751-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

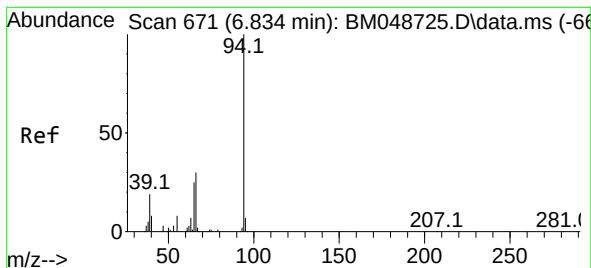
Instrument :
BNA_M
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Quant Time: Nov 16 04:32:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 16:55:33 2024
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#8

Phenol

Concen: 1.277 ng/ul

RT: 6.839 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM048727.D

Acq: 16 Nov 2024 03:43

Instrument :

BNA_M

ClientSampleId :

BH9C6

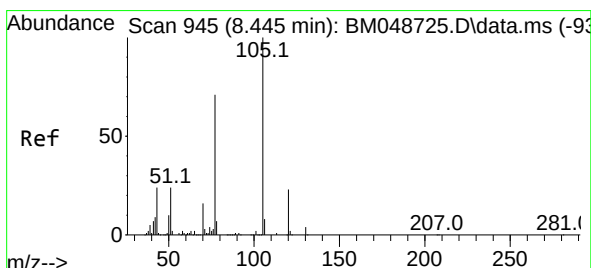
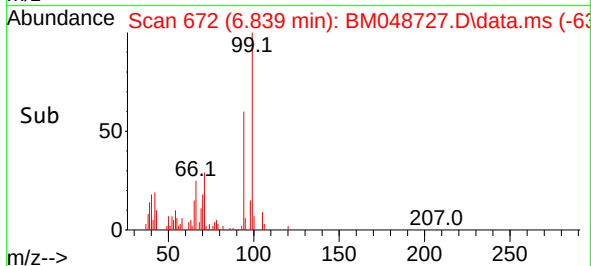
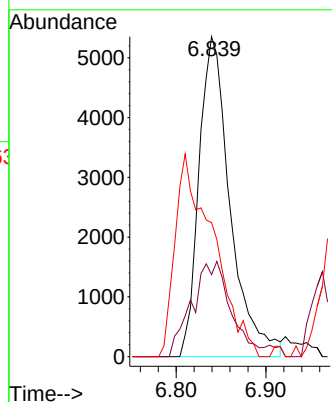
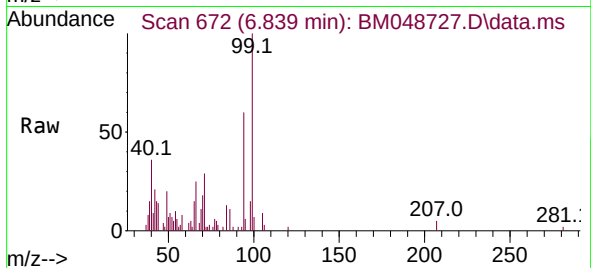
Tgt Ion: 94	Resp: 1291
Ion Ratio	Lower Upper
94 100	
65 25.6	20.8 31.2
66 41.9	26.1 39.1

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#16

Acetophenone

Concen: 5.502 ng/ul

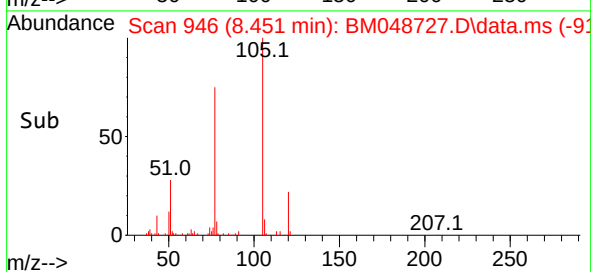
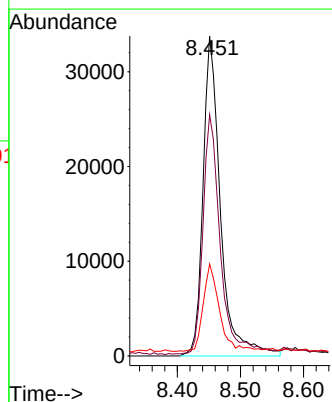
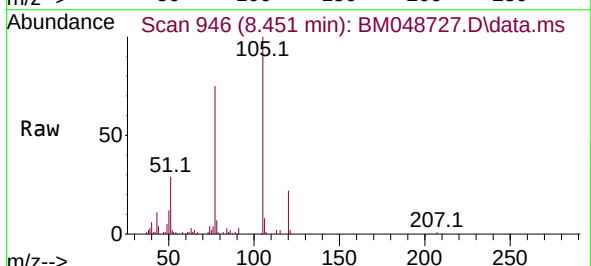
RT: 8.451 min Scan# 946

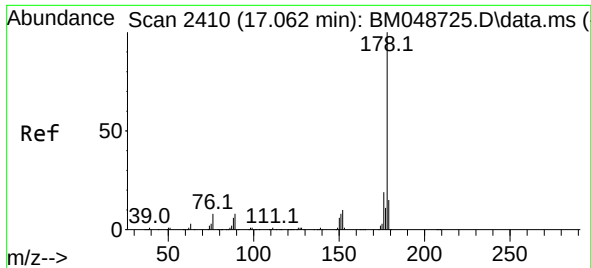
Delta R.T. 0.006 min

Lab File: BM048727.D

Acq: 16 Nov 2024 03:43

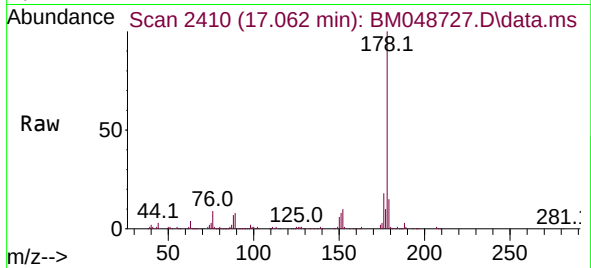
Tgt Ion:105	Resp: 65019
Ion Ratio	Lower Upper
105 100	
77 75.4	59.7 89.5
51 28.8	20.6 31.0





#72
Phenanthrene
Concen: 3.687 ng/u1
RT: 17.062 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM048727.D
Acq: 16 Nov 2024 03:43

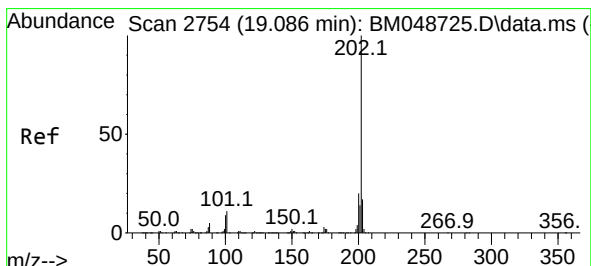
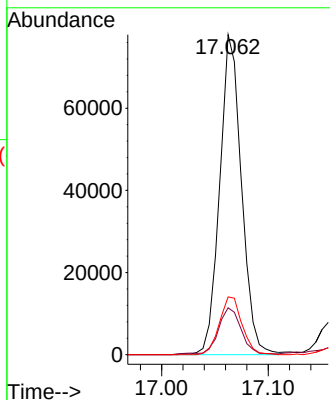
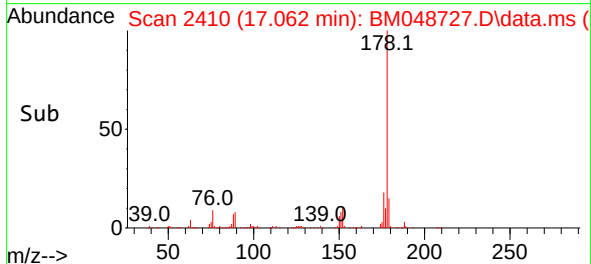
Instrument :
BNA_M
ClientSampleId :
BH9C6



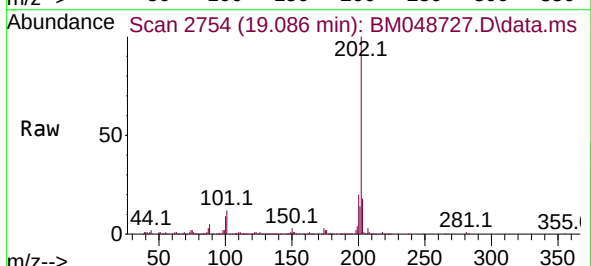
Tgt Ion:178 Resp: 110538
Ion Ratio Lower Upper
178 100
179 14.7 12.0 18.0
176 18.1 15.1 22.7

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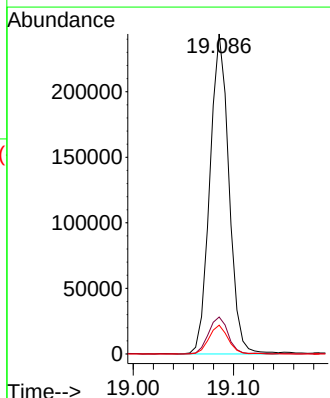
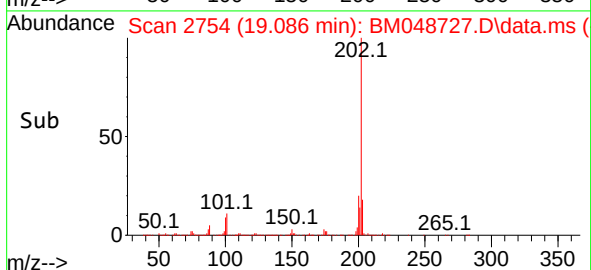
Reviewed By :Yogesh Patel 11/18/2024
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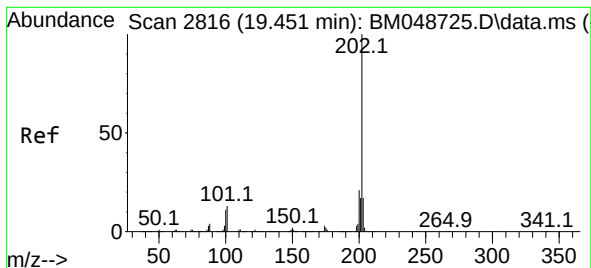


#80
Fluoranthene
Concen: 9.106 ng/u1
RT: 19.086 min Scan# 2754
Delta R.T. -0.000 min
Lab File: BM048727.D
Acq: 16 Nov 2024 03:43



Tgt Ion:202 Resp: 323515
Ion Ratio Lower Upper
202 100
101 11.6 8.5 12.7
100 9.0 7.0 10.4





#82

Pyrene

Concen: 5.073 ng/ul

RT: 19.450 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048727.D

Acq: 16 Nov 2024 03:43

Instrument :

BNA_M

ClientSampleId :

BH9C6

Tgt Ion:202 Resp: 195424

Ion Ratio Lower Upper

202 100

101 13.3 10.6 15.8

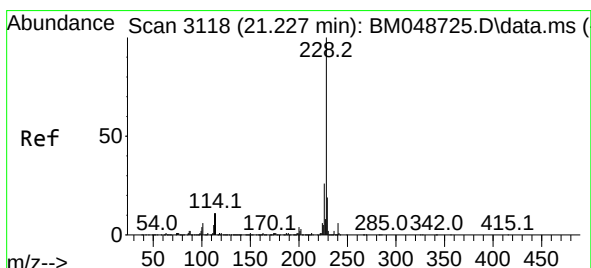
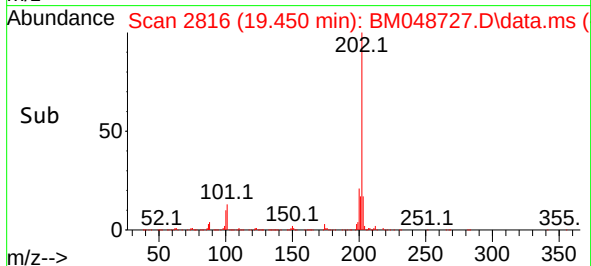
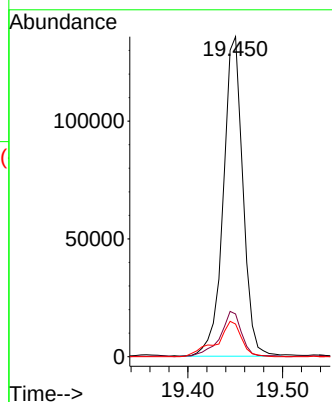
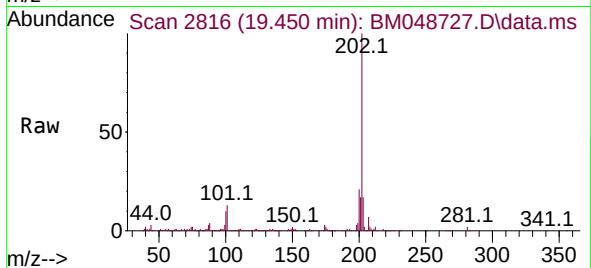
100 10.2 8.9 13.3

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Supervised By :mohammad ahmed 11/18/2024



#85

Benzo(a)anthracene

Concen: 3.408 ng/ul

RT: 21.227 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM048727.D

Acq: 16 Nov 2024 03:43

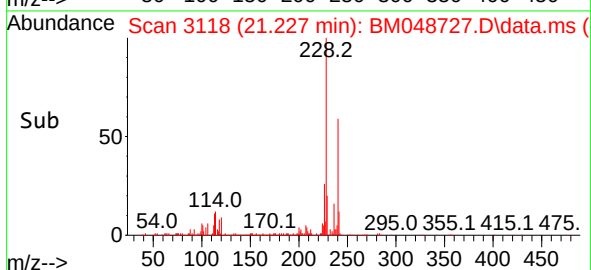
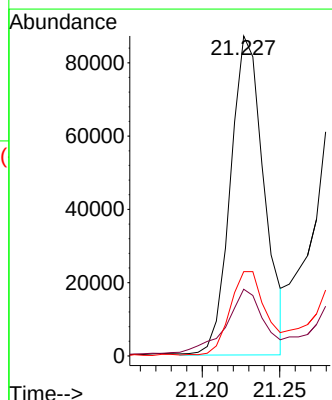
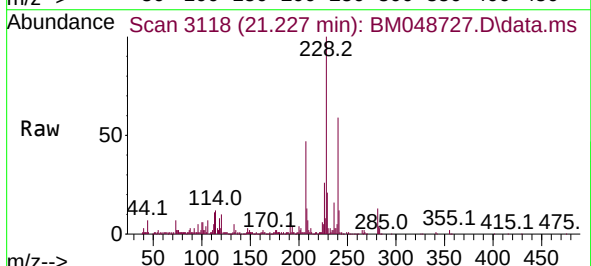
Tgt Ion:228 Resp: 131065

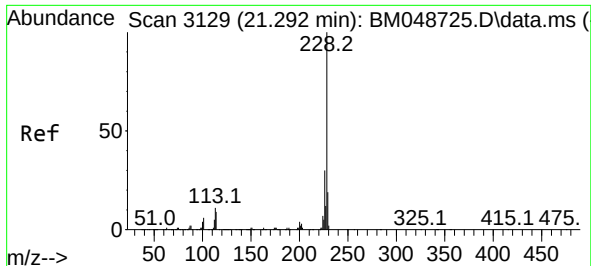
Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

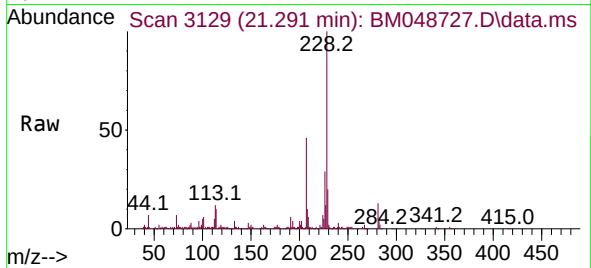
226 26.3 21.7 32.5





#87
Chrysene
Concen: 4.501 ng/u1
RT: 21.291 min Scan# 3129
Delta R.T. -0.000 min
Lab File: BM048727.D
Acq: 16 Nov 2024 03:43

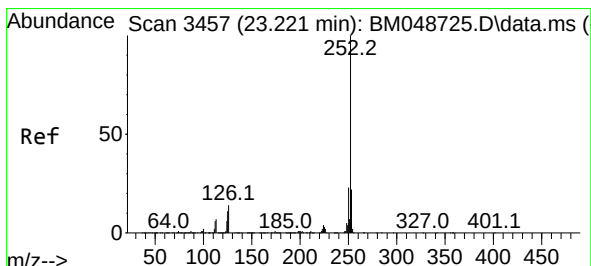
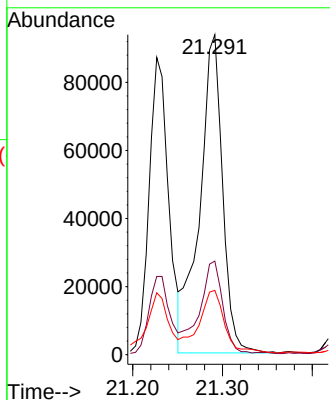
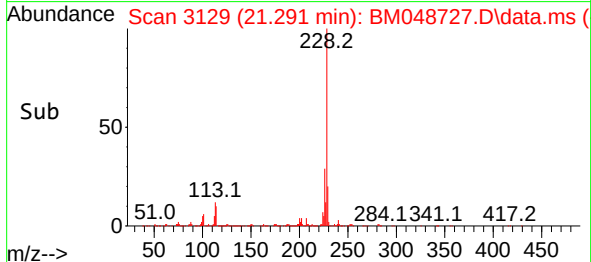
Instrument :
BNA_M
ClientSampleId :
BH9C6



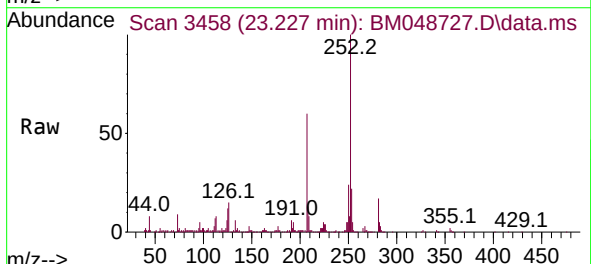
Tgt Ion:228 Resp: 166348
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 20.1 15.6 23.4

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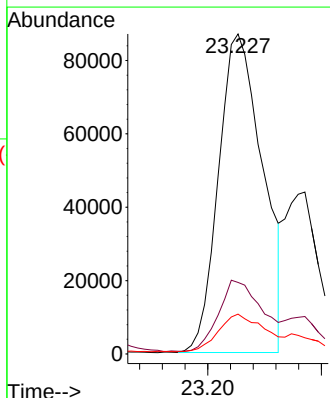
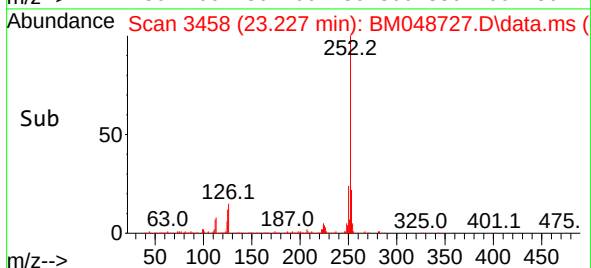
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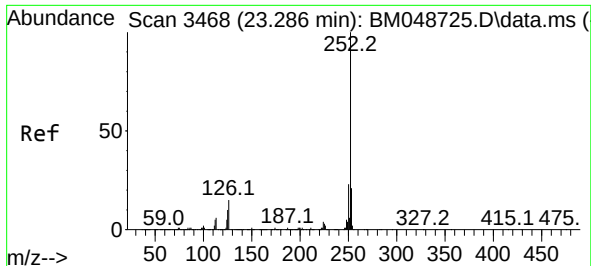


#90
Benzo(b)fluoranthene
Concen: 5.753 ng/u1
RT: 23.227 min Scan# 3458
Delta R.T. -0.000 min
Lab File: BM048727.D
Acq: 16 Nov 2024 03:43



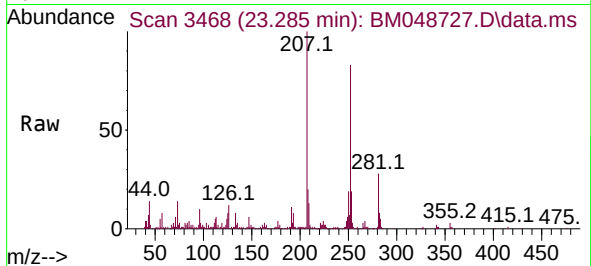
Tgt Ion:252 Resp: 234772
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.5 8.7 13.1





#91
Benzo(k)fluoranthene
Concen: 2.229 ng/ul m
RT: 23.285 min Scan# 3468
Delta R.T. -0.000 min
Lab File: BM048727.D
Acq: 16 Nov 2024 03:43

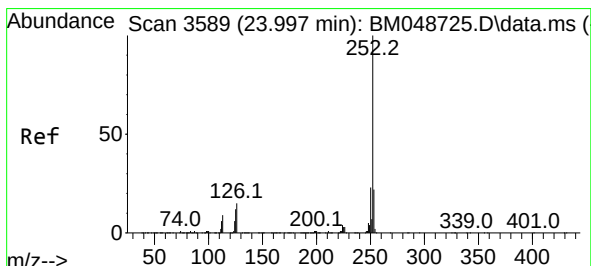
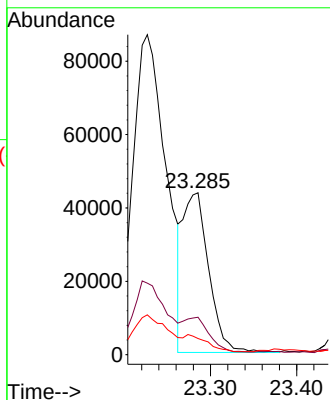
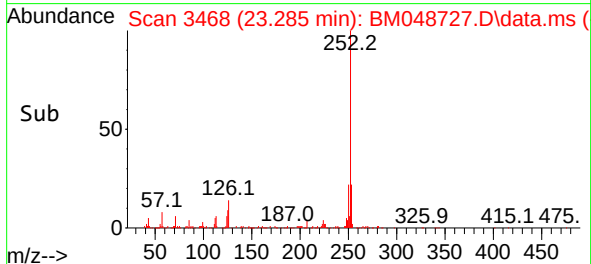
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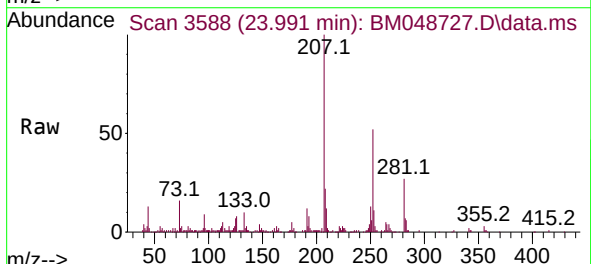
Tgt Ion:252 Resp: 90678
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 10.0 8.0 12.0

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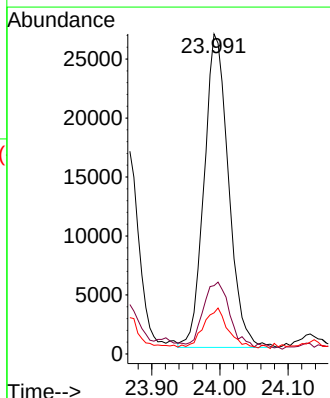
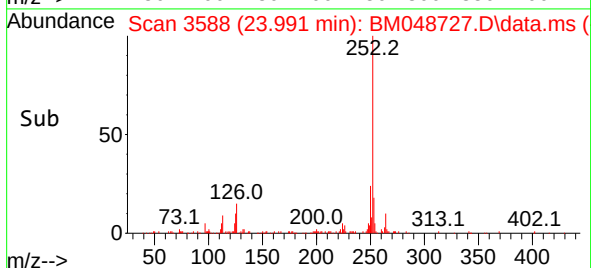
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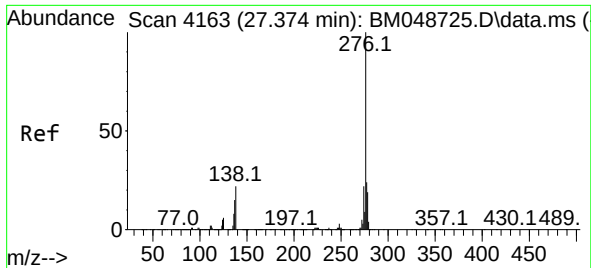


#93
Benzo(a)pyrene
Concen: 1.725 ng/ul
RT: 23.991 min Scan# 3588
Delta R.T. -0.006 min
Lab File: BM048727.D
Acq: 16 Nov 2024 03:43



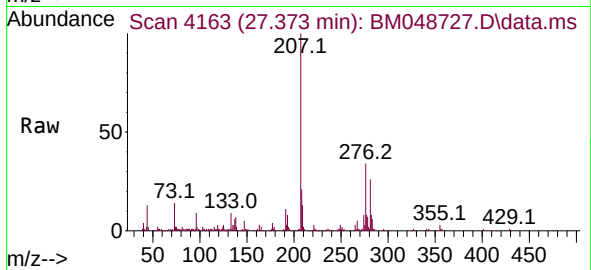
Tgt Ion:252 Resp: 66197
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 12.8 9.1 13.7





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.517 ng/ul
 RT: 27.373 min Scan# 4163
 Delta R.T. -0.000 min
 Lab File: BM048727.D
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.2	24.2
277	25.1	19.5	29.3

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