

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048093.D
 Acq On : 16 Oct 2024 18:31
 Operator : RC/JU
 Sample : P4329-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4FB5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 16 23:16:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	278702	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1126234	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.416	164	686206	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1348959	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1192820	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1328817	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12599	1.461	ng/uL	0.00
4) Pyridine-d5	3.663	84	40426	1.601	ng/u1	0.00
7) Phenol-d5	6.957	99	208175	7.899	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	128809	6.888	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	189450m	9.880	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	101719	5.191	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	87788m	9.790	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	94809	11.033	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	163110	9.502	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	61468	2.316	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	497016	9.990	ng/u1	-0.01
49) Acenaphthylene-d8	14.110	160	556372	9.432	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	58526m	5.909	ng/u1	0.02
60) Fluorene-d10	15.410	176	439021	10.188	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	20119	2.549	ng/u1	0.00
73) Anthracene-d10	17.257	188	653150	9.847	ng/u1	0.00
81) Pyrene-d10	19.545	212	529064	7.815	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	310588	4.505	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.598	105	63067	1.881	ng/u1#	89
72) Phenanthrene	17.198	178	257349	3.253	ng/u1	99
80) Fluoranthene	19.215	202	687727	8.625	ng/u1	98
82) Pyrene	19.574	202	328461	3.701	ng/u1	96
85) Benzo(a)anthracene	21.368	228	280076	3.353	ng/u1	97
87) Chrysene	21.427	228	310174	3.810	ng/u1	97
90) Benzo(b)fluoranthene	23.433	252	406575	4.906	ng/u1	97
91) Benzo(k)fluoranthene	23.492	252	123976m	1.463	ng/u1	
93) Benzo(a)pyrene	24.239	252	78934	1.003	ng/u1#	89

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

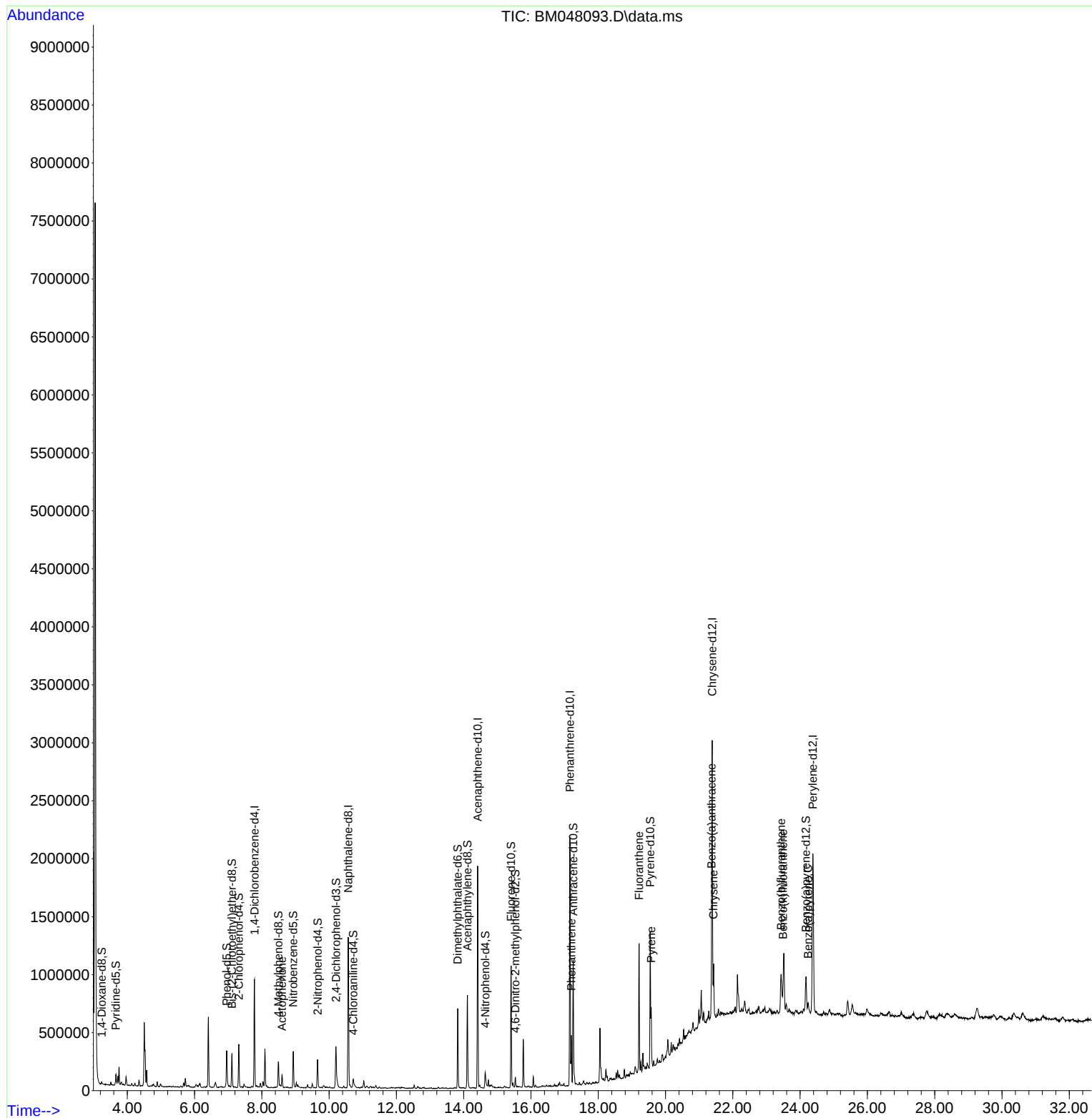
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048093.D
Acq On : 16 Oct 2024 18:31
Operator : RC/JU
Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

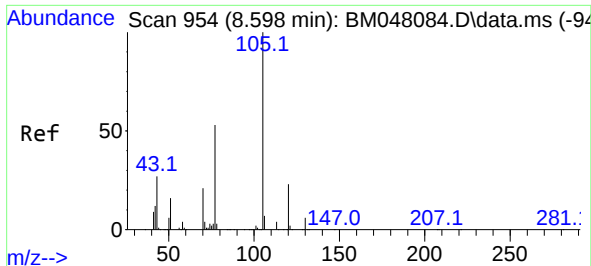
Instrument :
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ClientSampleId :
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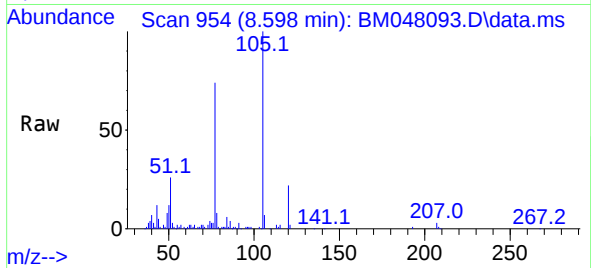
Quant Time: Oct 16 23:16:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.881 ng/ul
RT: 8.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM048093.D
Acq: 16 Oct 2024 18:31

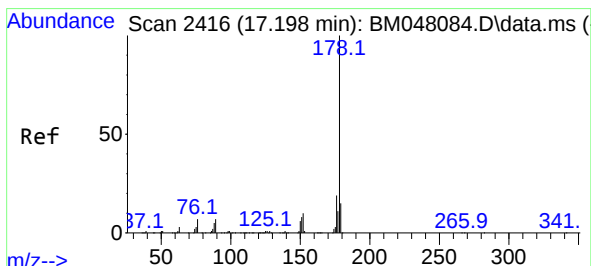
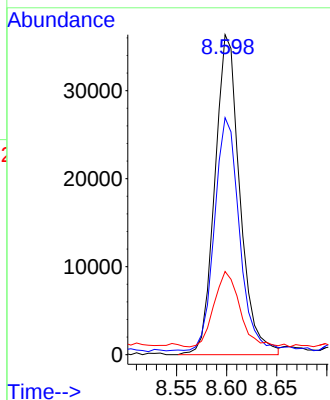
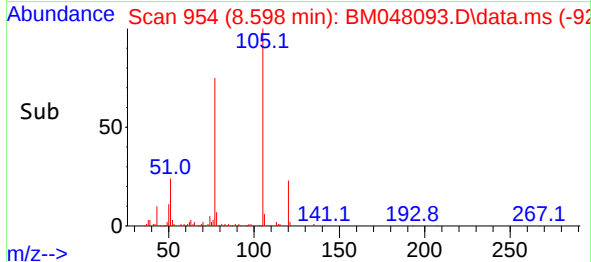
Instrument :
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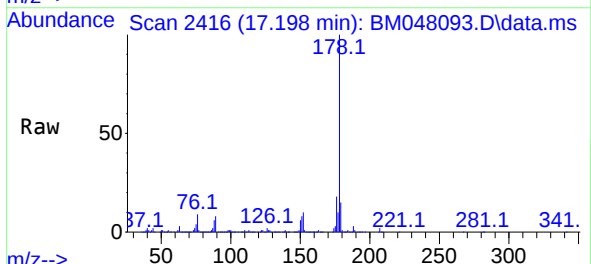
Tgt Ion:105 Resp: 6306
Ion Ratio Lower Upper
105 100
77 74.0 66.6 100.0
51 26.0 27.0 40.4

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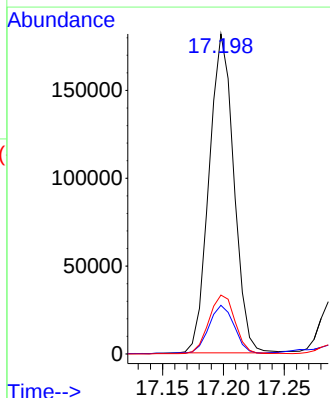
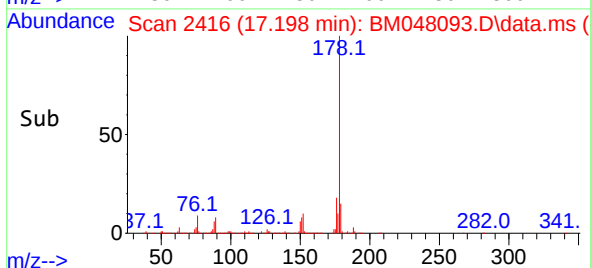
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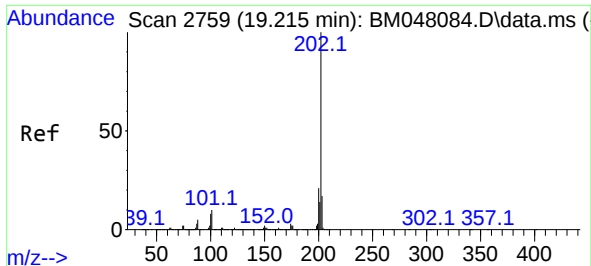


#72
Phenanthrene
Concen: 3.253 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048093.D
Acq: 16 Oct 2024 18:31



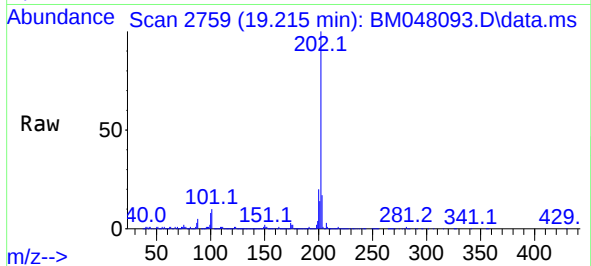
Tgt Ion:178 Resp: 257349
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 18.4 15.4 23.0





#80
Fluoranthene
Concen: 8.625 ng/u1
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048093.D
Acq: 16 Oct 2024 18:31

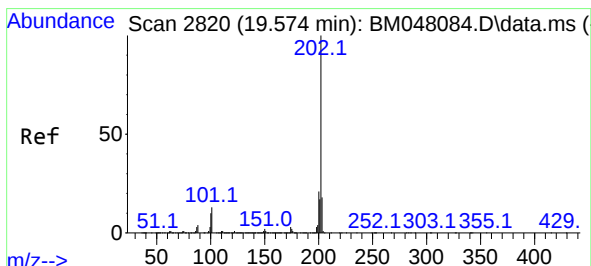
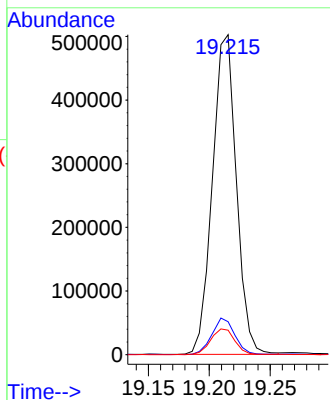
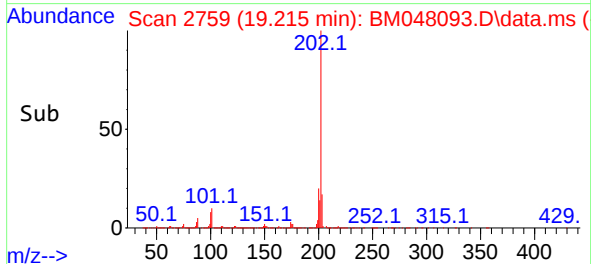
Instrument :
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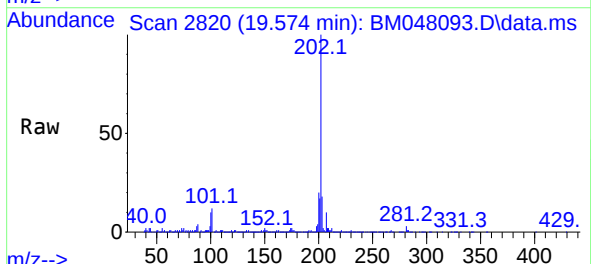
Tgt Ion:202 Resp: 68772
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.4
100 7.6 6.8 10.2

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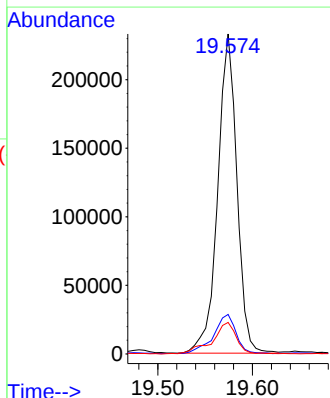
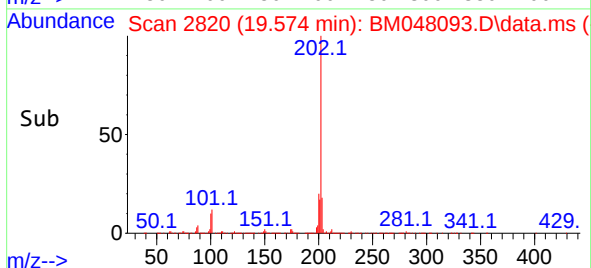
Reviewed By :Yogesh Patel 10/17/2024
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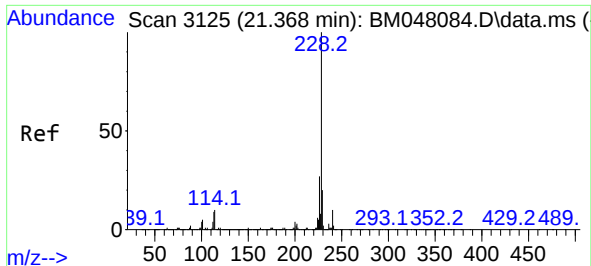


#82
Pyrene
Concen: 3.701 ng/u1
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM048093.D
Acq: 16 Oct 2024 18:31



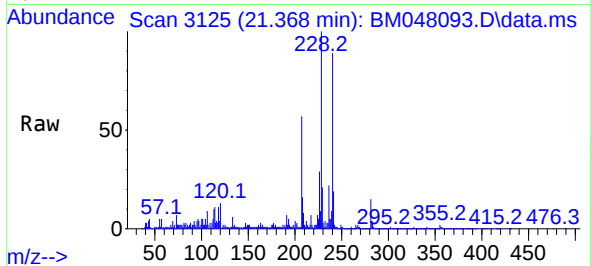
Tgt Ion:202 Resp: 328461
Ion Ratio Lower Upper
202 100
101 12.3 10.9 16.3
100 9.9 9.4 14.2





#85
Benzo(a)anthracene
Concen: 3.353 ng/u1
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048093.D
Acq: 16 Oct 2024 18:31

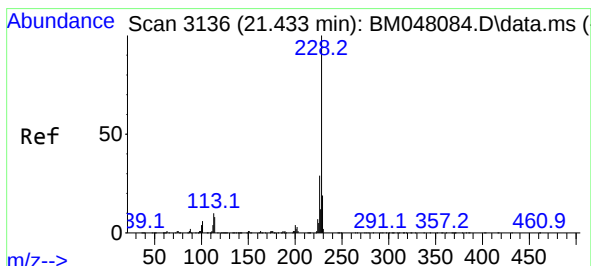
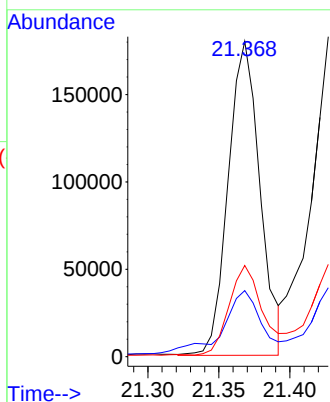
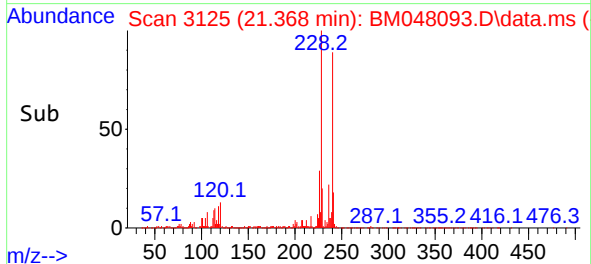
Instrument :
BNA_M
ClientSampleId :
A4FB5



Tgt Ion:228 Resp: 280070
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 28.9 21.9 32.9

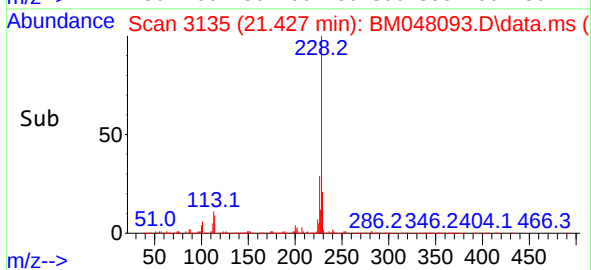
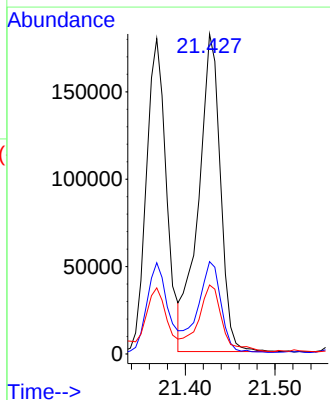
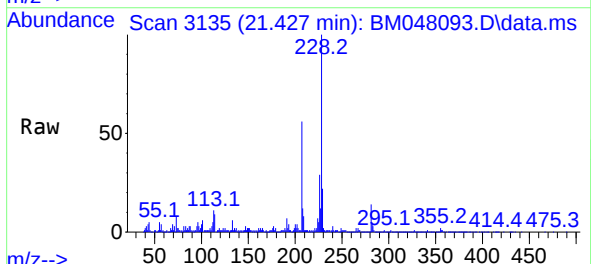
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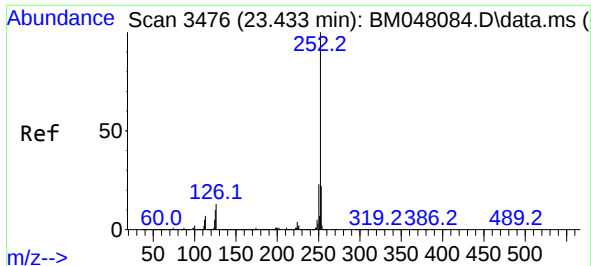
Reviewed By :Yogesh Patel 10/17/2024
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#87
Chrysene
Concen: 3.810 ng/u1
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048093.D
Acq: 16 Oct 2024 18:31

Tgt Ion:228 Resp: 310174
Ion Ratio Lower Upper
228 100
226 28.8 23.6 35.4
229 21.6 15.3 22.9





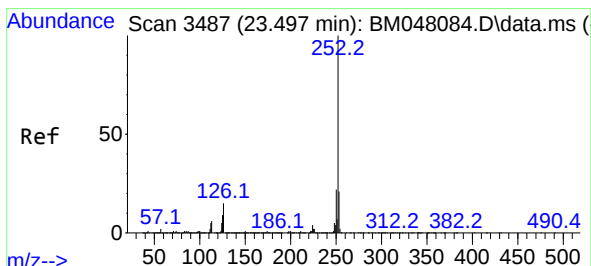
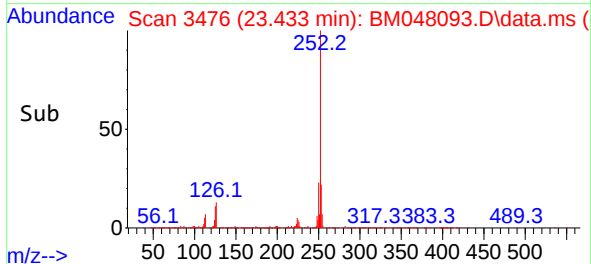
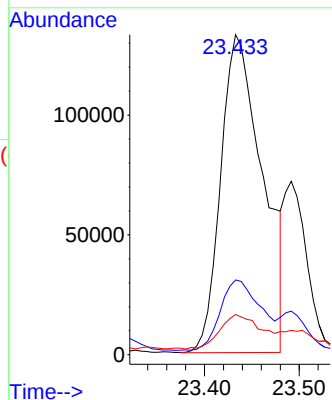
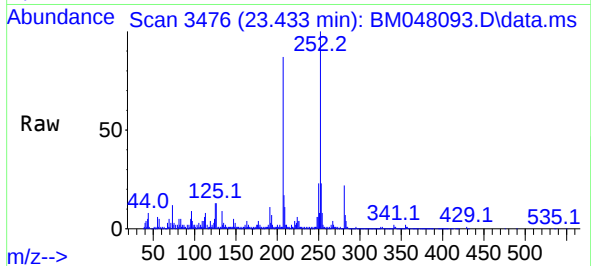
#90
Benzo(b)fluoranthene
Concen: 4.906 ng/ul
RT: 23.433 min Scan# 3476
Delta R.T. 0.006 min
Lab File: BM048093.D
Acq: 16 Oct 2024 18:31

Instrument :
BNA_M
ClientSampleId :
A4FB5

Tgt Ion:252 Resp: 406579
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 12.5 9.0 13.4

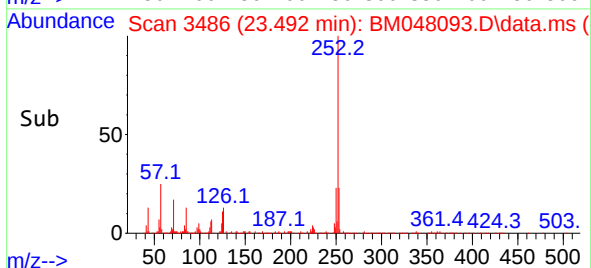
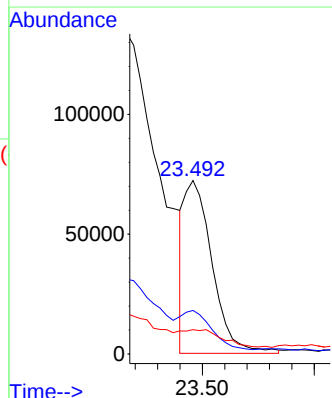
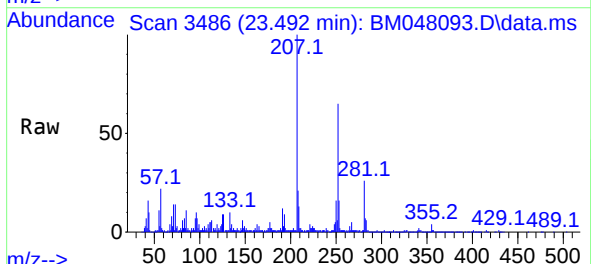
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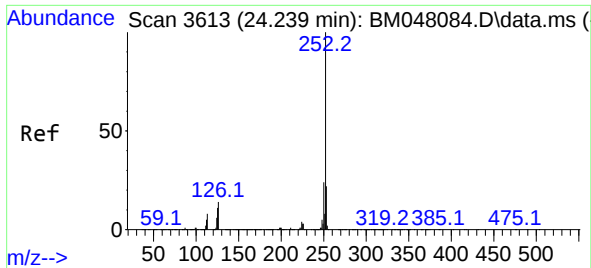
Reviewed By :Yogesh Patel 10/17/2024
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#91
Benzo(k)fluoranthene
Concen: 1.463 ng/ul m
RT: 23.492 min Scan# 3486
Delta R.T. 0.006 min
Lab File: BM048093.D
Acq: 16 Oct 2024 18:31

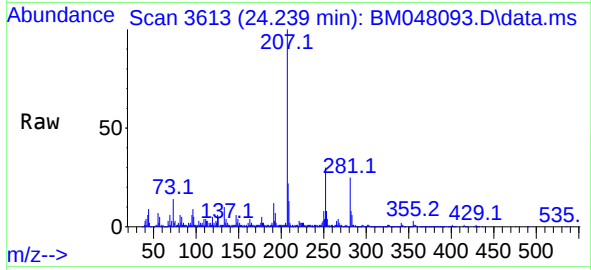
Tgt Ion:252 Resp: 123976
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 14.0 8.9 13.3#





#93
 Benzo(a)pyrene
 Concen: 1.003 ng/ul
 RT: 24.239 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BM048093.D
 Acq: 16 Oct 2024 18:31

Instrument :
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Tgt Ion: 252 Resp: 78934

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.2	25.8
125	18.3	10.1	15.1

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