

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048043.D
 Acq On : 15 Oct 2024 00:49
 Operator : RC/JU
 Sample : P4238-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F06

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 01:32:53 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	255485	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1004985	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.421	164	608425	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.156	188	1232464	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1186874	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1400963	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	13118	1.659	ng/uL	0.00
4) Pyridine-d5	3.669	84	27662	1.195	ng/u1	0.01
7) Phenol-d5	6.957	99	232145	9.609	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	134350	7.837	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	198666	11.303	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	148788	8.284	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	87267	10.906	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	97529	12.719	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	173485	11.326	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	116274	4.910	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	527900	11.967	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	617481	11.806	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	53729	6.118	ng/u1	0.01
60) Fluorene-d10	15.410	176	486080	12.722	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	40580	5.627	ng/u1	0.00
73) Anthracene-d10	17.256	188	751649	12.403	ng/u1	0.00
81) Pyrene-d10	19.545	212	831531	12.344	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	663967	9.134	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	215889	2.987	ng/u1	98
80) Fluoranthene	19.215	202	418323	5.273	ng/u1	99
82) Pyrene	19.574	202	318171	3.603	ng/u1#	96
85) Benzo(a)anthracene	21.368	228	206219	2.482	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.286	149	92490	1.973	ng/u1	95
87) Chrysene	21.427	228	209907	2.591	ng/u1	97
90) Benzo(b)fluoranthene	23.433	252	260406	2.981	ng/u1	98
91) Benzo(k)fluoranthene	23.491	252	115564m	1.294	ng/u1	
93) Benzo(a)pyrene	24.238	252	111508	1.344	ng/u1#	92

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

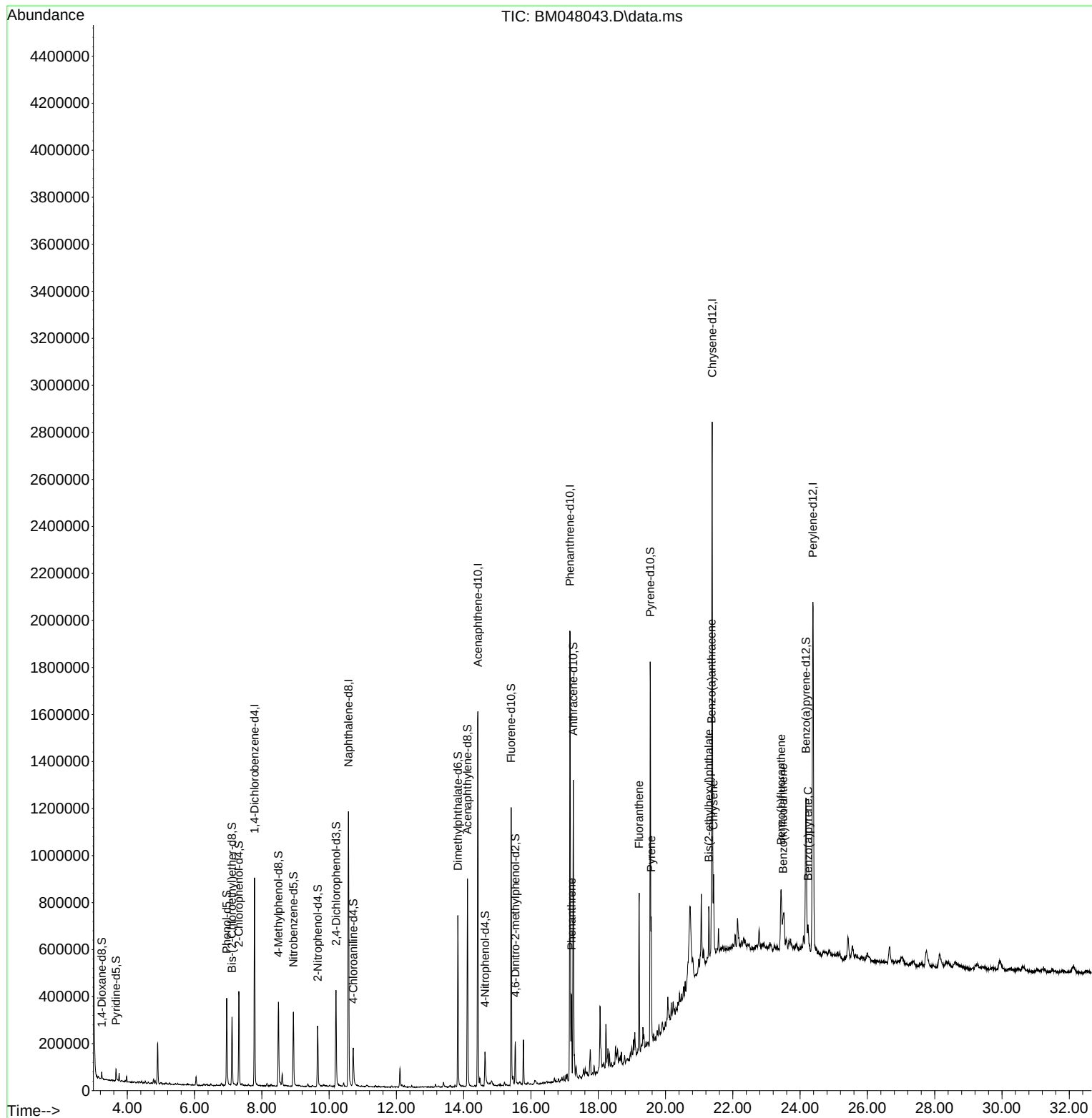
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048043.D
Acq On : 15 Oct 2024 00:49
Operator : RC/JU
Sample : P4238-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

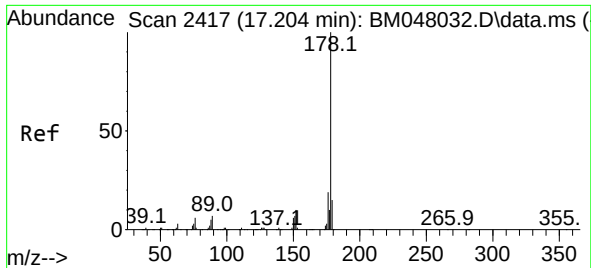
Instrument :
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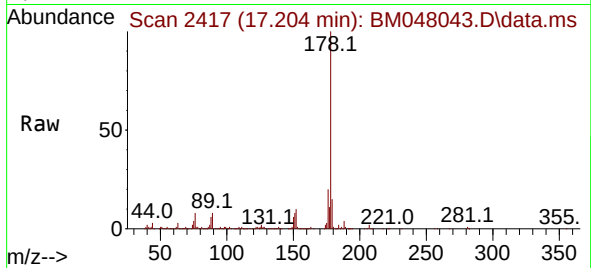
Quant Time: Oct 15 01:32:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.987 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048043.D
Acq: 15 Oct 2024 00:49

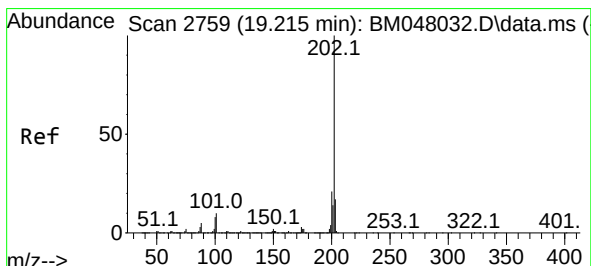
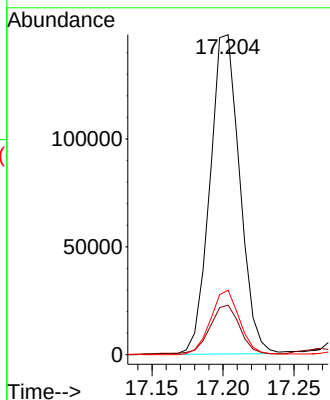
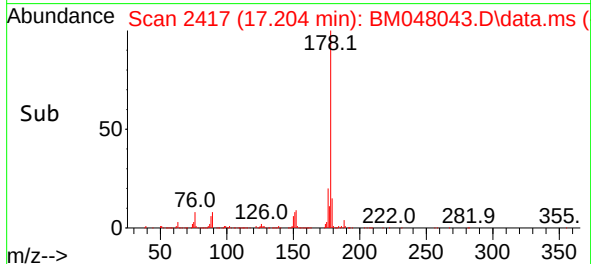
Instrument :
BNA_M
ClientSampleId :
A4F06



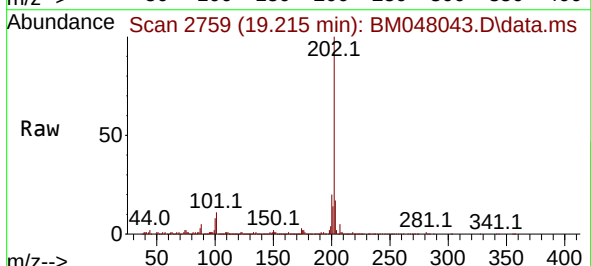
Tgt Ion:178 Resp: 215889
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 20.2 15.4 23.0

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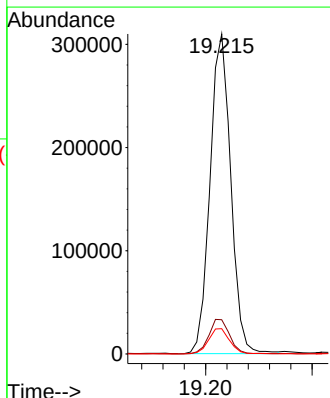
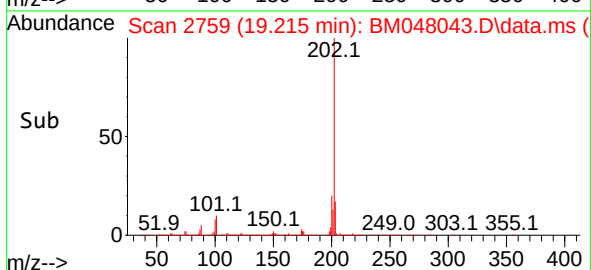
Reviewed By :Yogesh Patel 10/15/2024
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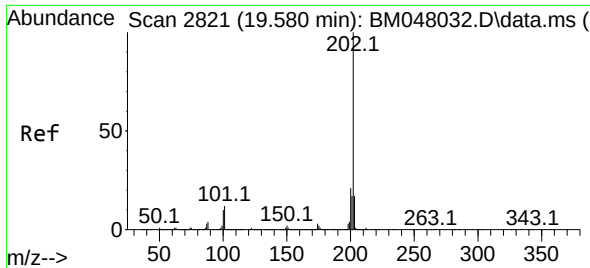


#80
Fluoranthene
Concen: 5.273 ng/ul
RT: 19.215 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM048043.D
Acq: 15 Oct 2024 00:49



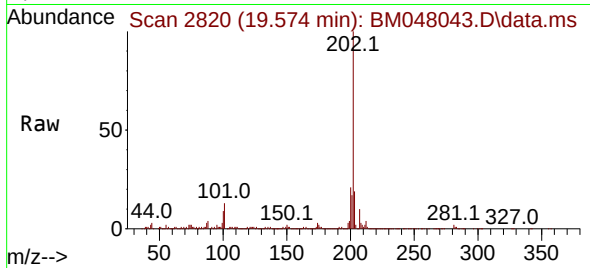
Tgt Ion:202 Resp: 418323
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.4
100 7.9 6.8 10.2





#82
Pyrene
Concen: 3.603 ng/ul
RT: 19.574 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM048043.D
Acq: 15 Oct 2024 00:49

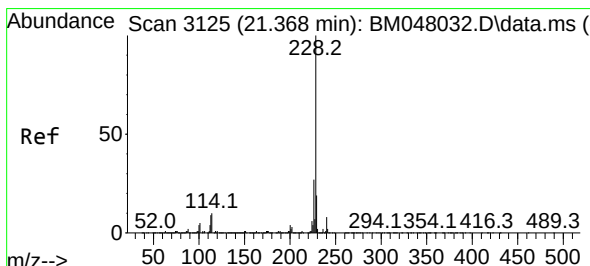
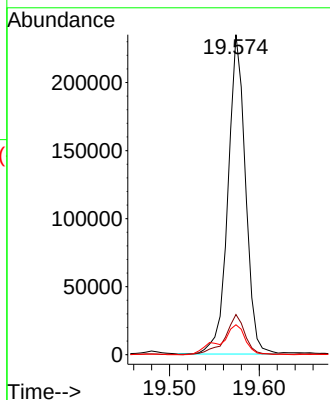
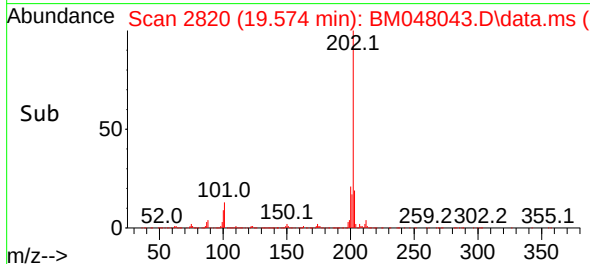
Instrument :
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ClientSampleId :
A4F06



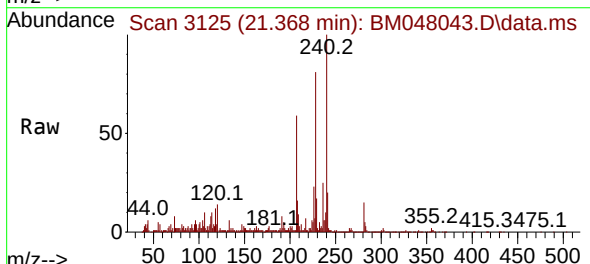
Tgt Ion:202 Resp: 31817
Ion Ratio Lower Upper
202 100
101 12.5 10.9 16.3
100 9.3 9.4 14.2

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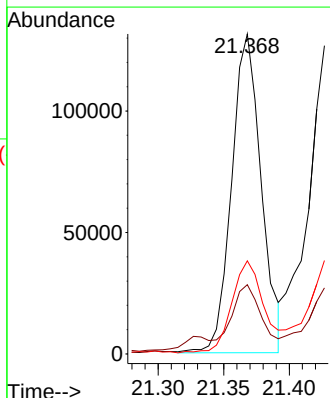
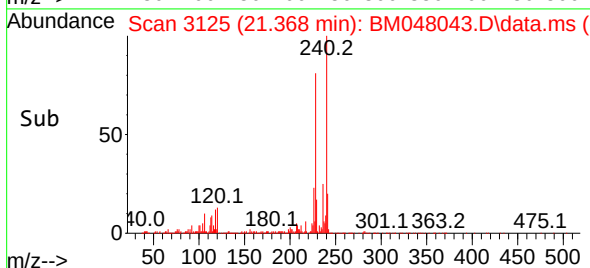
Reviewed By :Yogesh Patel 10/15/2024
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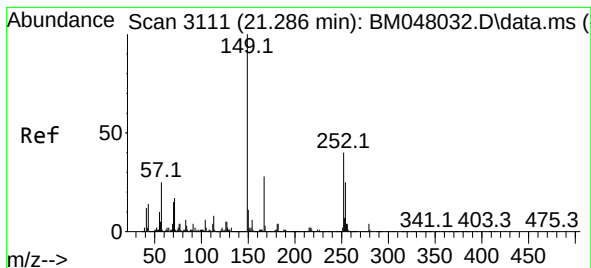


#85
Benzo(a)anthracene
Concen: 2.482 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM048043.D
Acq: 15 Oct 2024 00:49



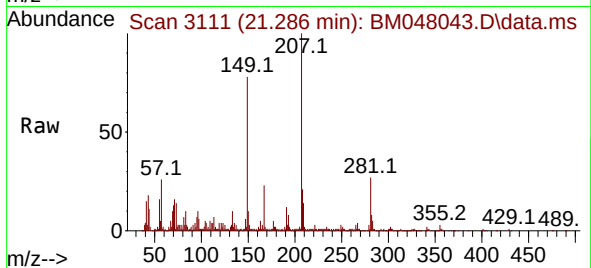
Tgt Ion:228 Resp: 206219
Ion Ratio Lower Upper
228 100
229 21.7 15.6 23.4
226 29.1 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.973 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM048043.D
Acq: 15 Oct 2024 00:49

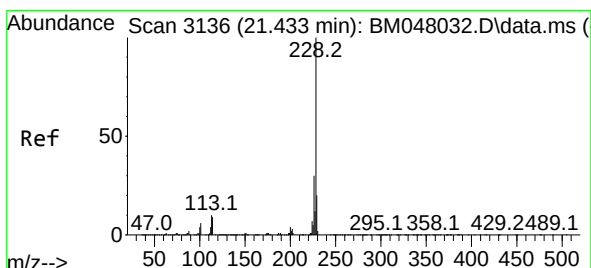
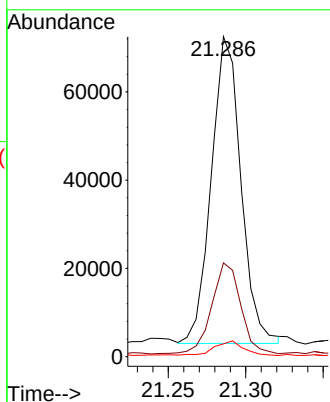
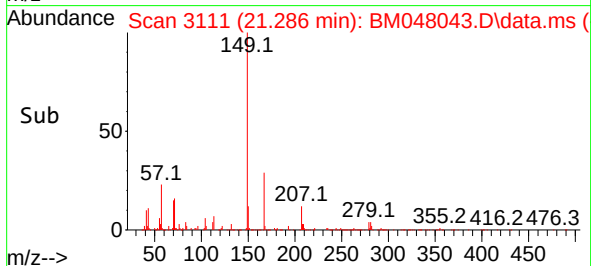
Instrument :
BNA_M
ClientSampleId :
A4F06



Tgt Ion:149 Resp: 92490
Ion Ratio Lower Upper
149 100
167 29.3 21.3 31.9
279 4.0 2.7 4.1

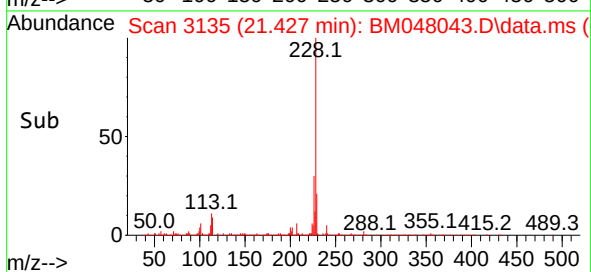
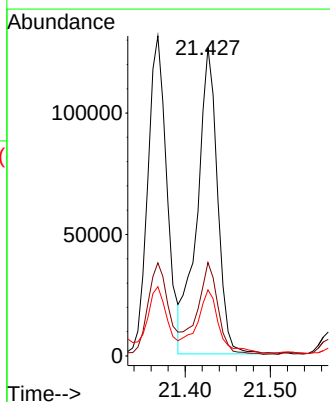
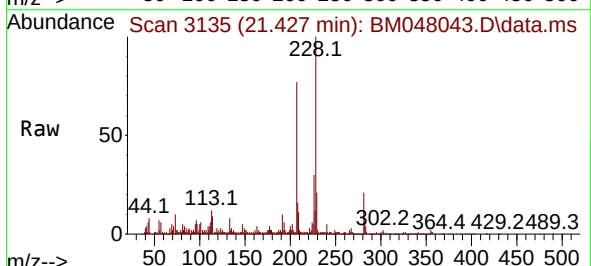
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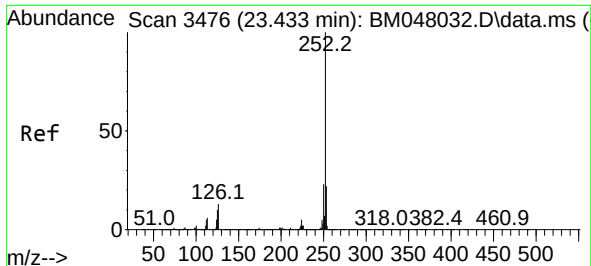
Reviewed By :Yogesh Patel 10/15/2024
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#87
Chrysene
Concen: 2.591 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM048043.D
Acq: 15 Oct 2024 00:49

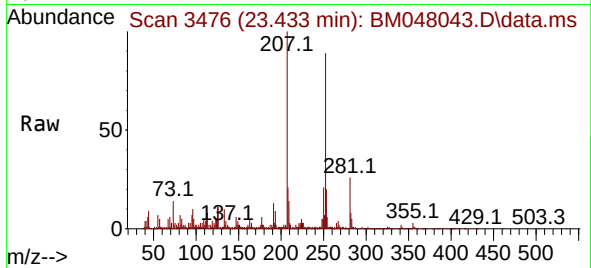
Tgt Ion:228 Resp: 209907
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 21.4 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 2.981 ng/ul
RT: 23.433 min Scan# 3476
Delta R.T. 0.006 min
Lab File: BM048043.D
Acq: 15 Oct 2024 00:49

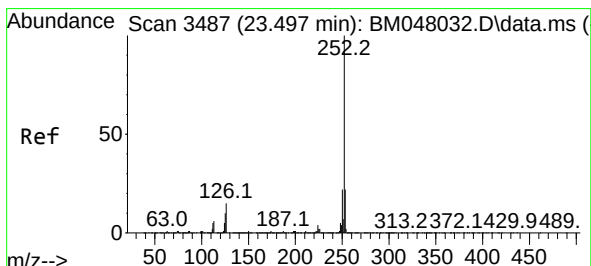
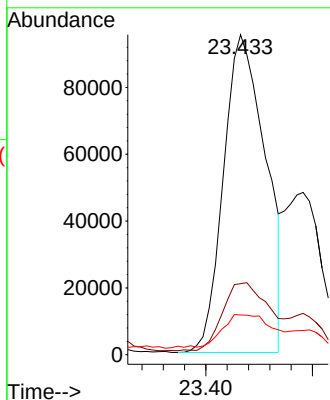
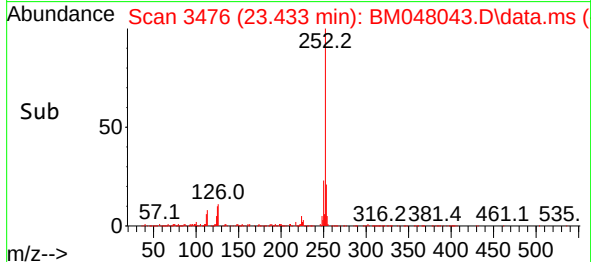
Instrument :
BNA_M
ClientSampleId :
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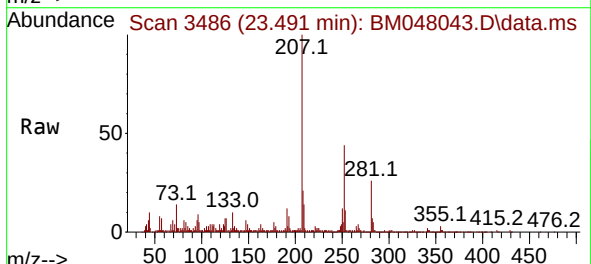
Tgt Ion:252 Resp: 260400
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 12.4 9.0 13.4

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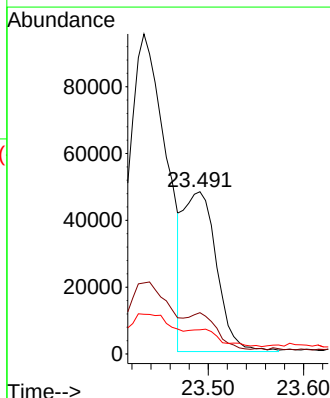
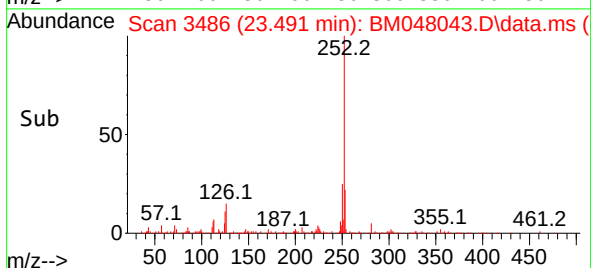
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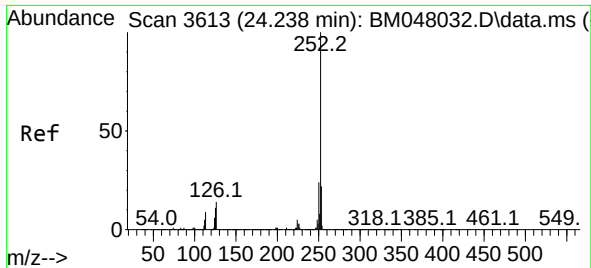


#91
Benzo(k)fluoranthene
Concen: 1.294 ng/ul m
RT: 23.491 min Scan# 3486
Delta R.T. 0.006 min
Lab File: BM048043.D
Acq: 15 Oct 2024 00:49



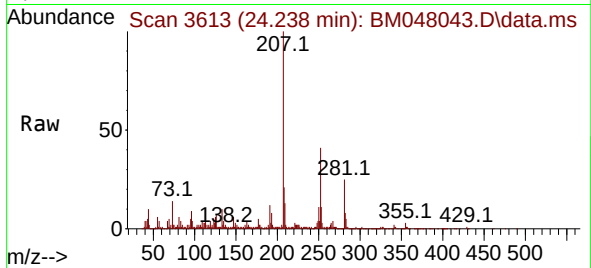
Tgt Ion:252 Resp: 115564
Ion Ratio Lower Upper
252 100
253 25.5 17.5 26.3
125 14.9 8.9 13.3#





#93
 Benzo(a)pyrene
 Concen: 1.344 ng/ul
 RT: 24.238 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BM048043.D
 Acq: 15 Oct 2024 00:49

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:252 Resp: 111508
 Ion Ratio Lower Upper
 252 100
 253 26.6 17.2 25.8
 125 14.1 10.1 15.1

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