

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047836.D
 Acq On : 04 Oct 2024 10:24
 Operator : RC/JU
 Sample : P4084-13DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCYN1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 01:14:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	241237	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	965790	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.433	164	594881	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1228893	20.000	ng/ul	0.00
79) Chrysene-d12	21.398	240	1181033	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1366003	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	2841m	0.381	ng/uL	0.00
4) Pyridine-d5	3.687	84	13710m	0.627	ng/ul	0.02
7) Phenol-d5	6.969	99	35997	1.578	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	27338	1.689	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	29393	1.771	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	28051	1.654	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	13728	1.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	12607	1.711	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	27203	1.848	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	36533	1.605	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	105100	2.437	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	114765	2.244	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.427	176	94484	2.529	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.268	188	144006	2.383	ng/ul	0.00
81) Pyrene-d10	19.556	212	176548	2.634	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	163640	2.309	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.639	128	320267	5.765	ng/ul	98
36) 2-Methylnaphthalene	12.251	142	85018	2.409	ng/ul	96
37) 1-Methylnaphthalene	12.475	142	45605	1.270	ng/ul	98
52) Acenaphthene	14.498	153	251378	6.166	ng/ul	95
61) Fluorene	15.480	166	254053	5.549	ng/ul	99
72) Phenanthrene	17.215	178	1296988	17.997	ng/ul	100
74) Anthracene	17.304	178	222751	3.030	ng/ul	99
80) Fluoranthene	19.227	202	908939	11.514	ng/ul	97
82) Pyrene	19.586	202	639529	7.279	ng/ul	96
85) Benzo(a)anthracene	21.380	228	133143	1.610	ng/ul	98
87) Chrysene	21.439	228	132229	1.640	ng/ul	99

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

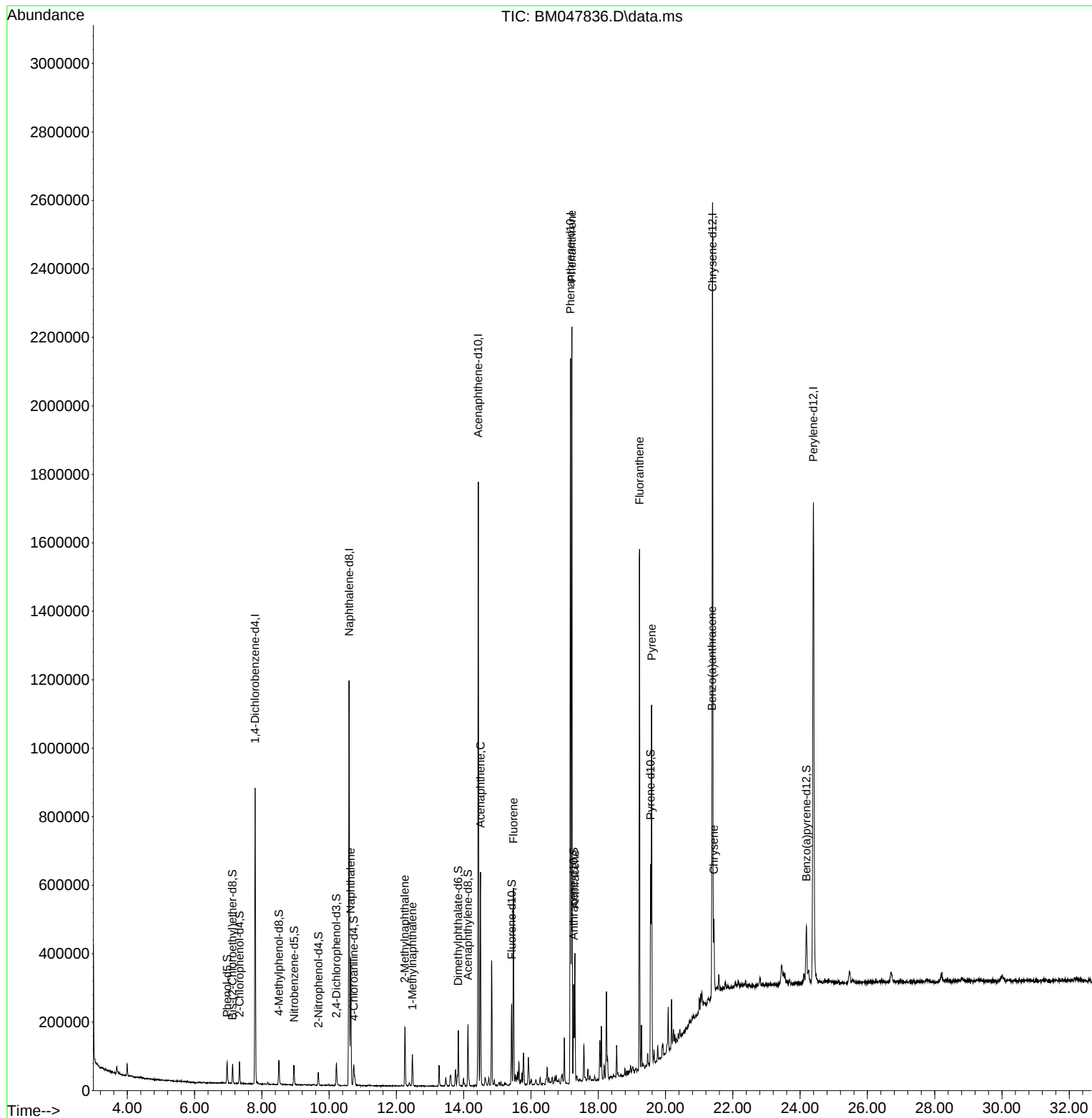
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047836.D
Acq On : 04 Oct 2024 10:24
Operator : RC/JU
Sample : P4084-13DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

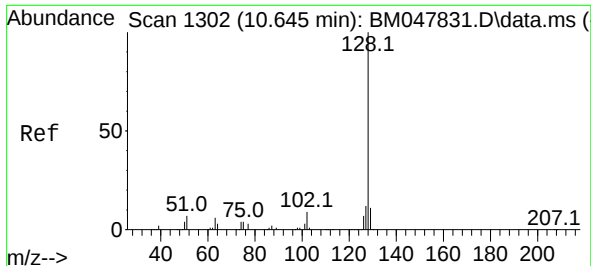
Instrument :
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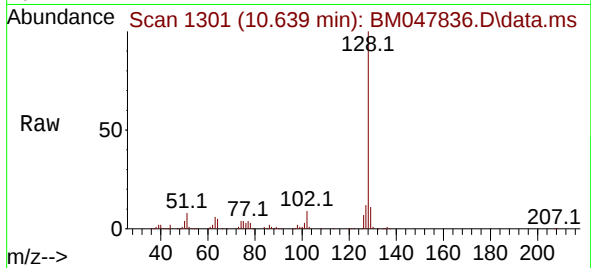
Quant Time: Oct 05 01:14:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
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#30
Naphthalene
Concen: 5.765 ng/ul
RT: 10.639 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BM047836.D
Acq: 04 Oct 2024 10:24

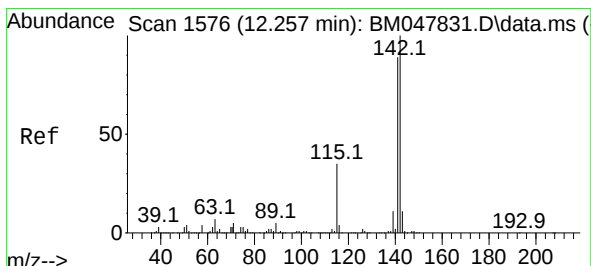
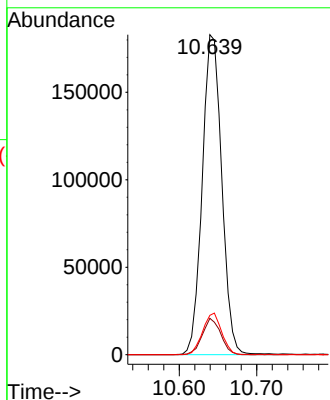
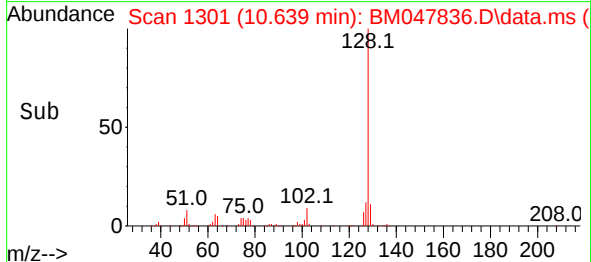
Instrument :
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Tgt Ion:128 Resp: 32026
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 12.3 10.4 15.6

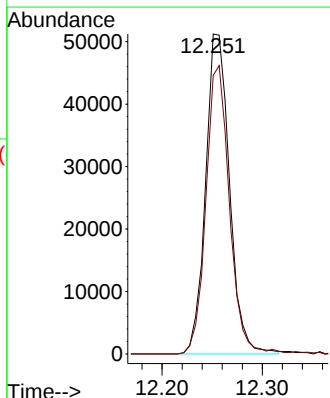
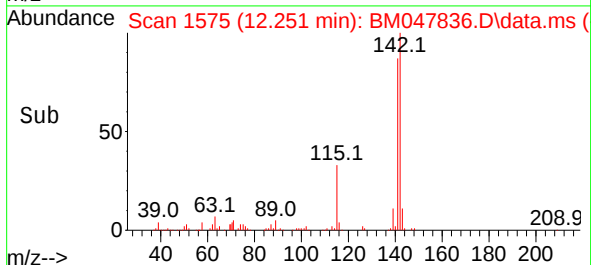
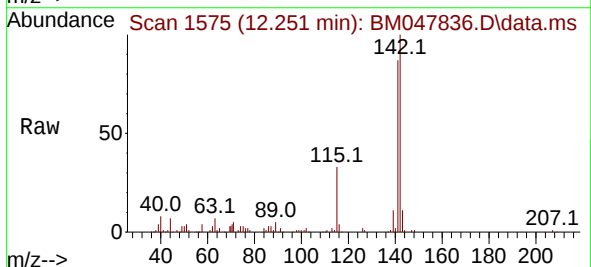
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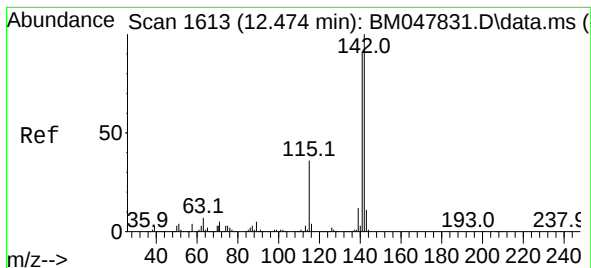
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#36
2-Methylnaphthalene
Concen: 2.409 ng/ul
RT: 12.251 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BM047836.D
Acq: 04 Oct 2024 10:24

Tgt Ion:142 Resp: 85018
Ion Ratio Lower Upper
142 100
141 87.1 72.5 108.7





#37

1-Methylnaphthalene

Concen: 1.270 ng/ul

RT: 12.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047836.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_M

ClientSampleId :

DCYN1DL

Tgt Ion:142 Resp: 4560

Ion Ratio Lower Upper

142 100

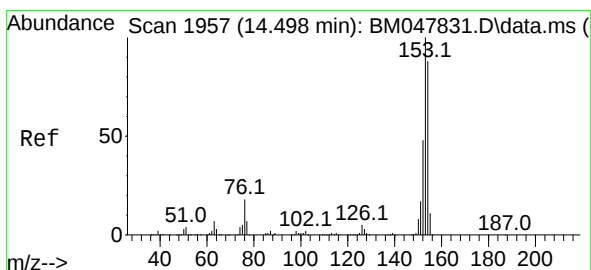
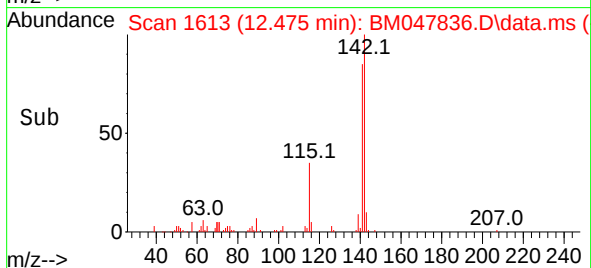
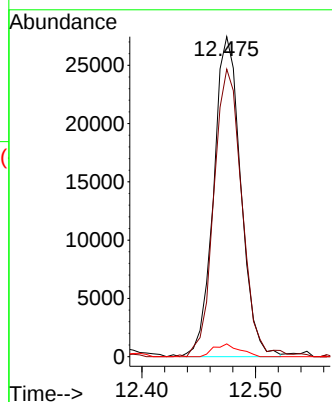
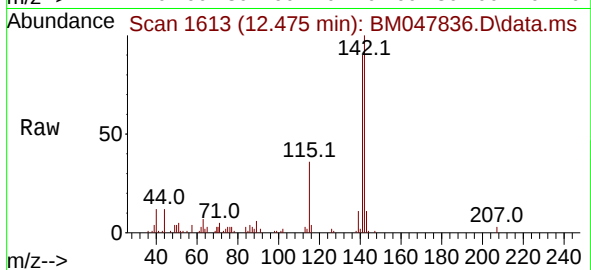
141 89.9 73.4 110.2

116 4.0 3.0 4.6

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#52

Acenaphthene

Concen: 6.166 ng/ul

RT: 14.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BM047836.D

Acq: 04 Oct 2024 10:24

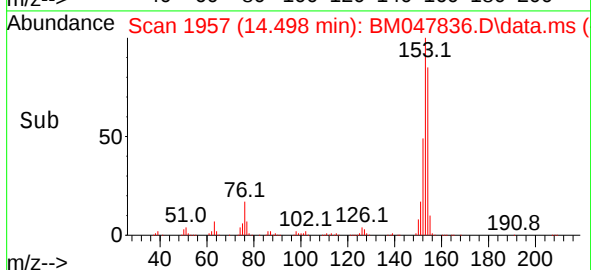
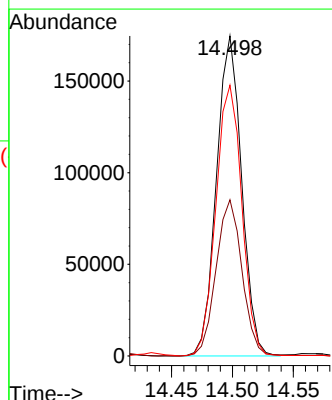
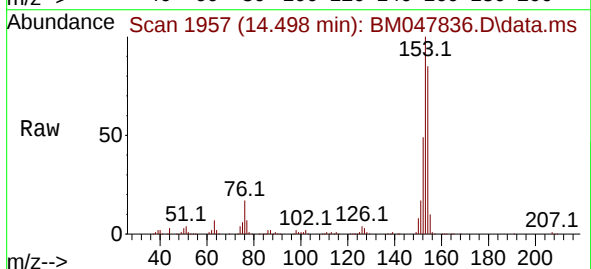
Tgt Ion:153 Resp: 251378

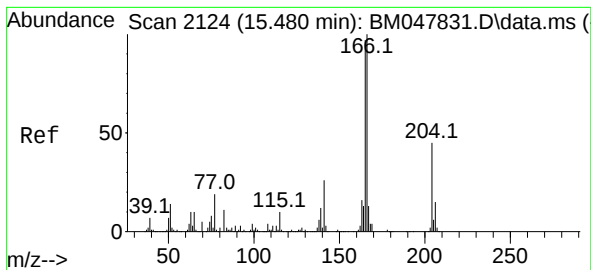
Ion Ratio Lower Upper

153 100

152 48.8 39.7 59.5

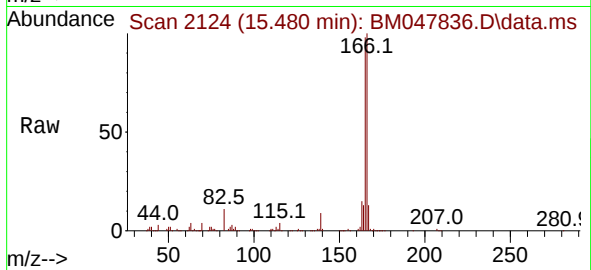
154 84.6 72.6 108.8





#61
Fluorene
Concen: 5.549 ng/ul
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM047836.D
Acq: 04 Oct 2024 10:24

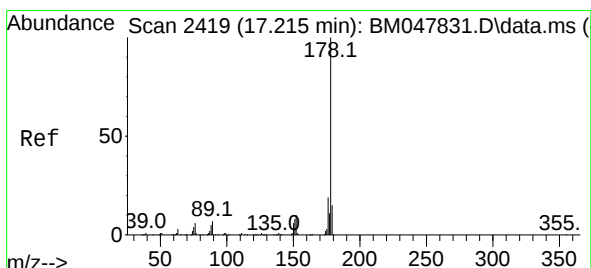
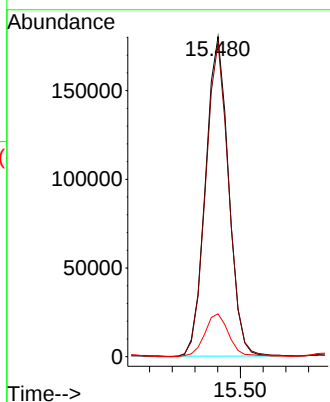
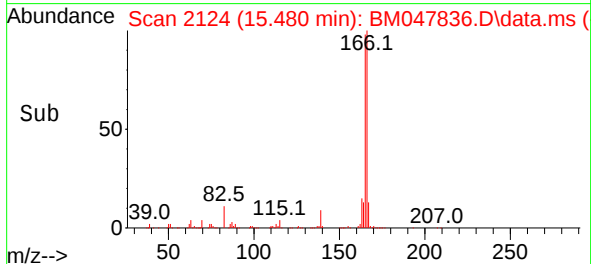
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:166 Resp: 254053
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.6
167 13.4 10.8 16.2

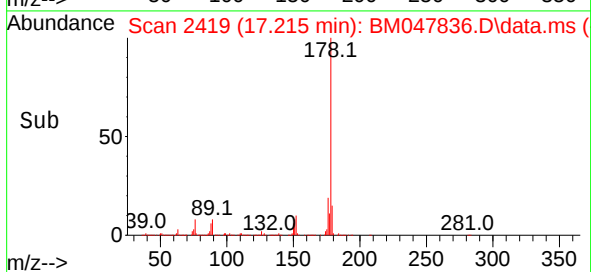
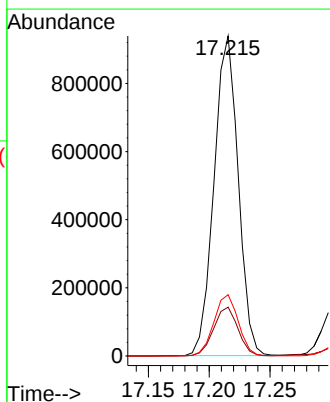
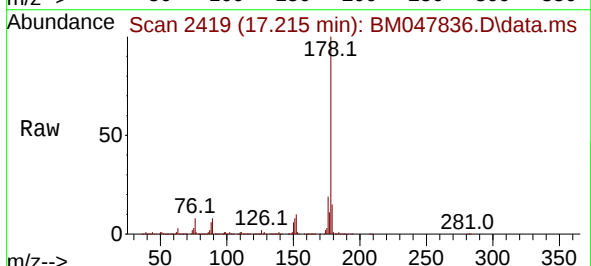
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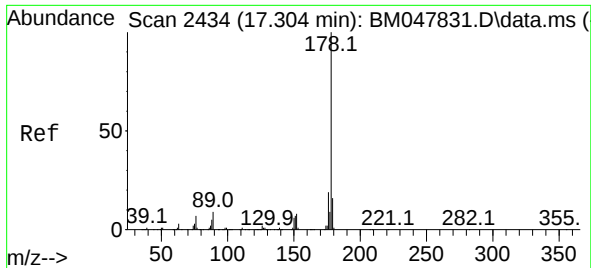
Reviewed By :Jagrut Upadhyay 10/04/2024
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#72
Phenanthrene
Concen: 17.997 ng/ul
RT: 17.215 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM047836.D
Acq: 04 Oct 2024 10:24

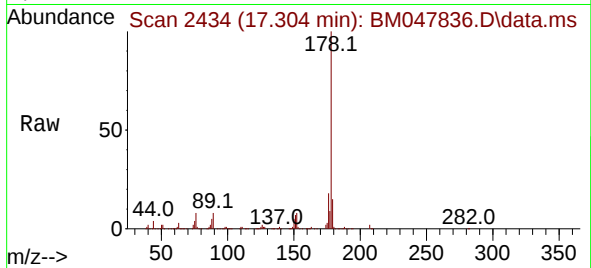
Tgt Ion:178 Resp: 1296988
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 19.1 15.4 23.0





#74
 Anthracene
 Concen: 3.030 ng/ul
 RT: 17.304 min Scan# 2434
 Delta R.T. 0.000 min
 Lab File: BM047836.D
 Acq: 04 Oct 2024 10:24

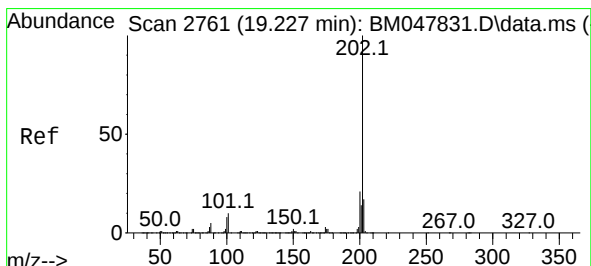
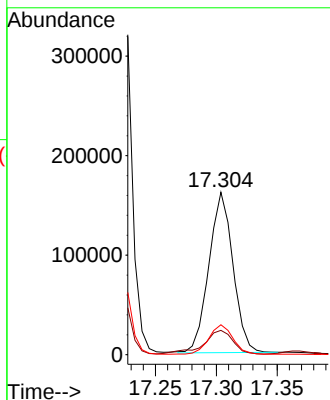
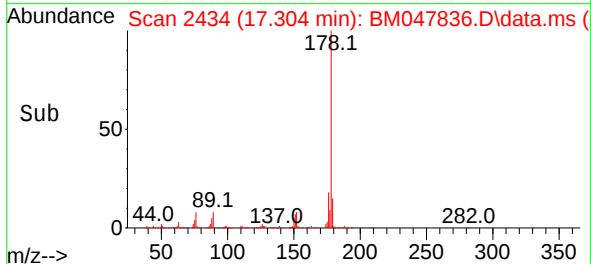
Instrument :
 BNA_M
 ClientSampleId :
 DCYN1DL



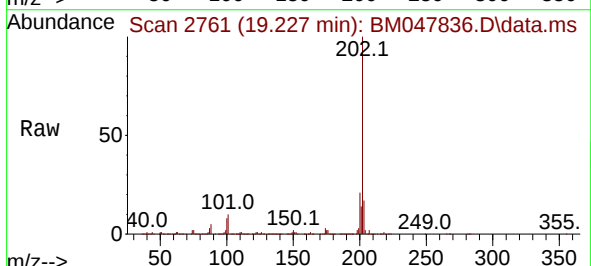
Tgt Ion:178 Resp: 22275
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.4 18.6
 176 18.4 14.7 22.1

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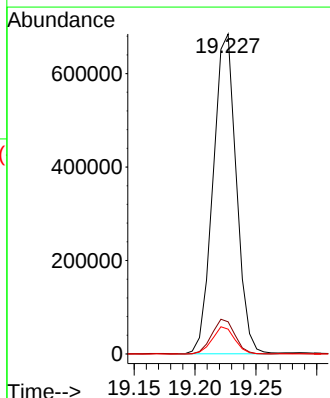
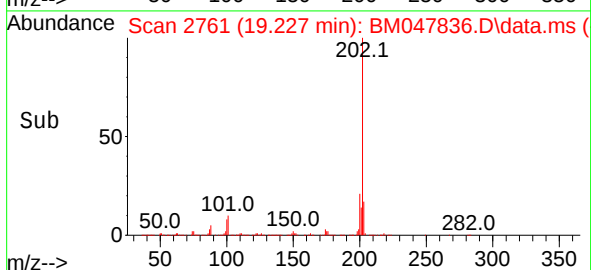
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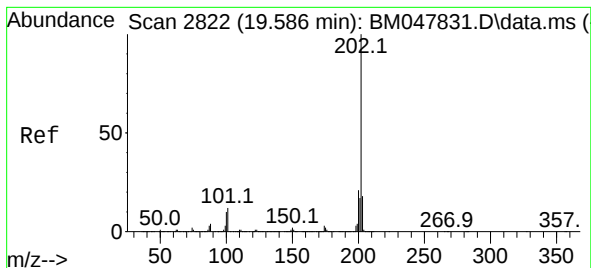


#80
 Fluoranthene
 Concen: 11.514 ng/ul
 RT: 19.227 min Scan# 2761
 Delta R.T. 0.000 min
 Lab File: BM047836.D
 Acq: 04 Oct 2024 10:24



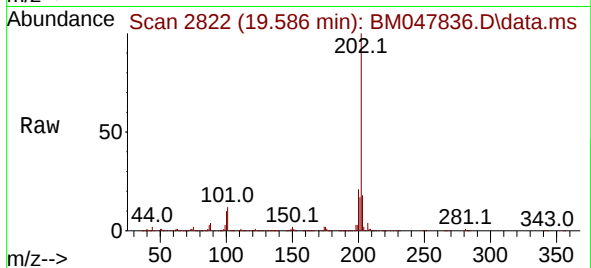
Tgt Ion:202 Resp: 908939
 Ion Ratio Lower Upper
 202 100
 101 10.0 9.0 13.4
 100 7.8 6.8 10.2





#82
Pyrene
Concen: 7.279 ng/ul
RT: 19.586 min Scan# 202
Delta R.T. 0.000 min
Lab File: BM047836.D
Acq: 04 Oct 2024 10:24

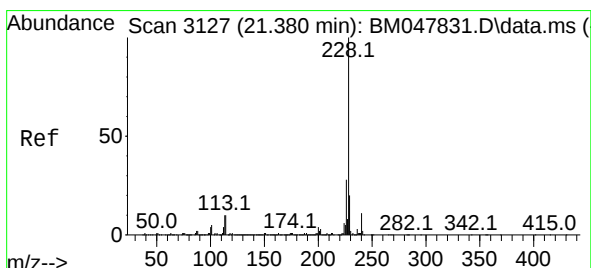
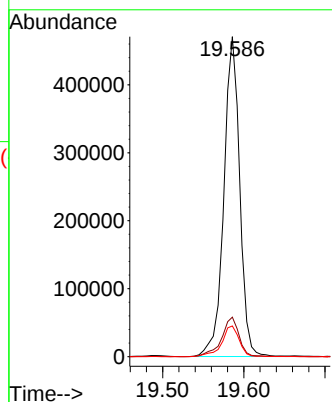
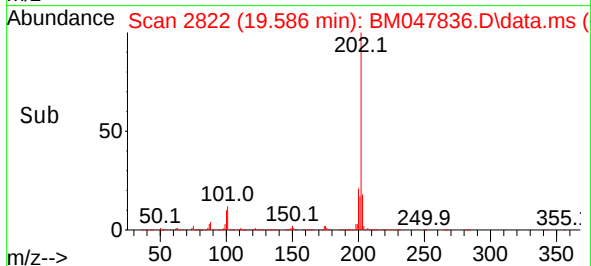
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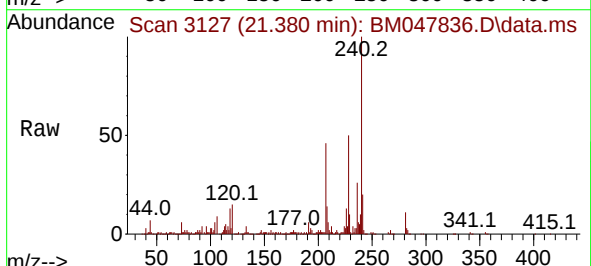
Tgt Ion:202 Resp: 639529
Ion Ratio Lower Upper
202 100
101 12.4 10.9 16.3
100 9.6 9.4 14.2

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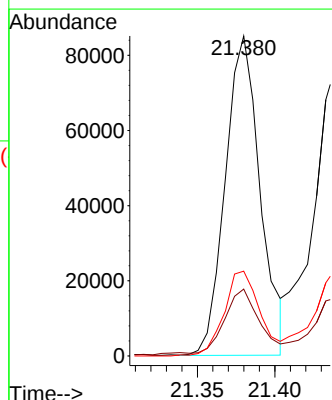
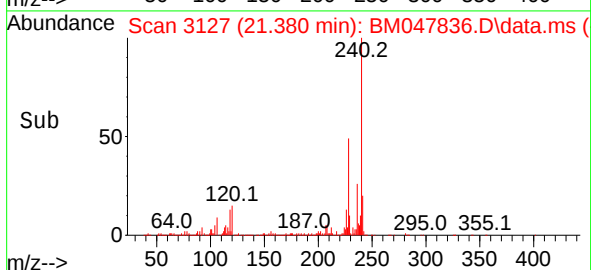
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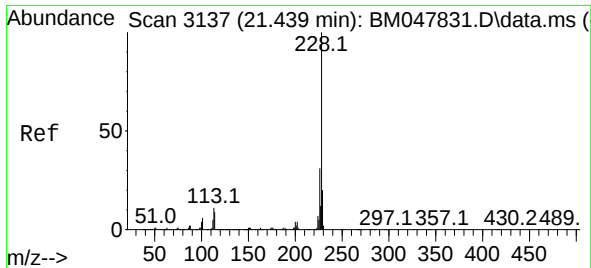


#85
Benzo(a)anthracene
Concen: 1.610 ng/ul
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM047836.D
Acq: 04 Oct 2024 10:24



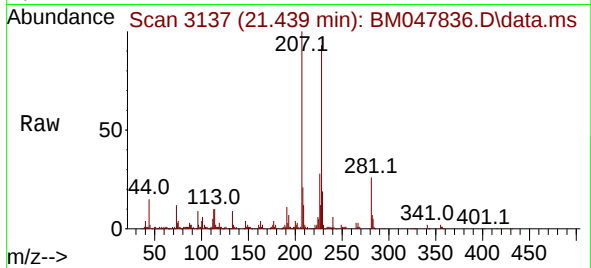
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Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 26.5 21.9 32.9





#87
Chrysene
Concen: 1.640 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047836.D
Acq: 04 Oct 2024 10:24

Instrument :
BNA_M
ClientSampleId :
DCYN1DL



Tgt Ion:228 Resp: 132229
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 20.1 15.3 22.9

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