

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047822.D
 Acq On : 04 Oct 2024 00:34
 Operator : RC/JU
 Sample : P4084-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCYM2

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 01:22:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	277087	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	1113431	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.433	164	686763	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.174	188	1393840	20.000	ng/u1	-0.01
79) Chrysene-d12	21.398	240	1349727	20.000	ng/u1	-0.01
88) Perylene-d12	24.397	264	1532475	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	11774	1.373	ng/uL	0.00
4) Pyridine-d5	3.687	84	13210	0.526	ng/u1	0.01
7) Phenol-d5	6.969	99	199508	7.614	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	126242	6.790	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.334	132	165431	8.678	ng/u1	-0.01
15) 4-Methylphenol-d8	8.504	113	136281	6.996	ng/u1	-0.01
21) Nitrobenzene-d5	8.951	128	75041	8.465	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.675	143	79295	9.334	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	154679	9.114	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.728	131	159844	6.092	ng/u1	-0.01
46) Dimethylphthalate-d6	13.845	166	461078	9.260	ng/u1	-0.01
49) Acenaphthylene-d8	14.127	160	529875	8.976	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.627	143	48227	4.865	ng/u1	0.00
60) Fluorene-d10	15.427	176	419220	9.720	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	40301	4.941	ng/u1	-0.01
73) Anthracene-d10	17.274	188	614362	8.964	ng/u1	-0.01
81) Pyrene-d10	19.557	212	611497	7.983	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.186	264	413834	5.205	ng/u1	-0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.216	178	93379	1.142	ng/u1	99
74) Anthracene	17.304	178	261254	3.134	ng/u1	99
80) Fluoranthene	19.227	202	373722	4.142	ng/u1	97
82) Pyrene	19.586	202	303903	3.026	ng/u1	97
85) Benzo(a)anthracene	21.380	228	229370	2.427	ng/u1	98
87) Chrysene	21.439	228	456664	4.957	ng/u1	96
90) Benzo(b)fluoranthene	23.450	252	659323	6.899	ng/u1	100
91) Benzo(k)fluoranthene	23.503	252	201358m	2.061	ng/u1	
94) Indeno(1,2,3-cd)pyrene	27.774	276	166853	1.434	ng/u1	97

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

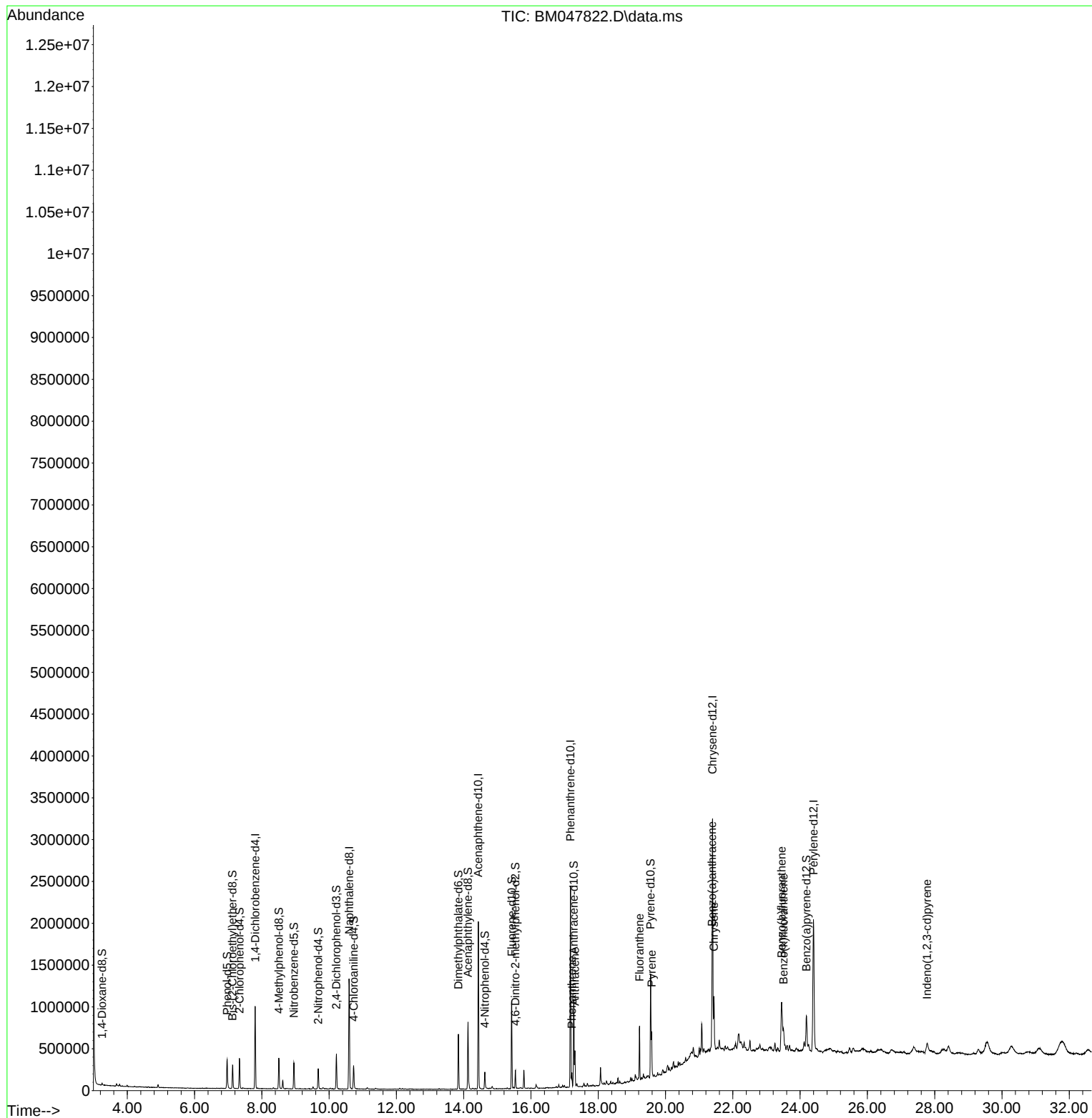
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047822.D
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Operator : RC/JU
Sample : P4084-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

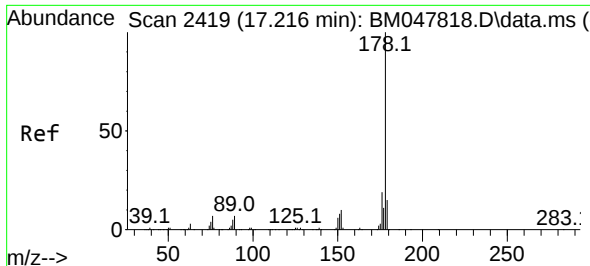
Instrument :
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Quant Time: Oct 04 01:22:03 2024
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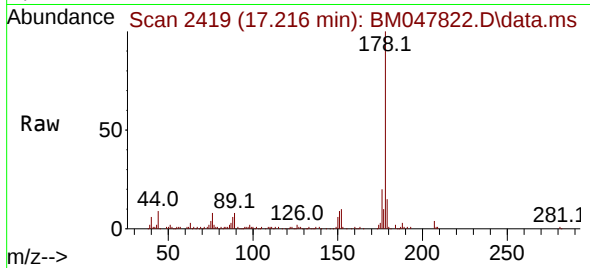
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024





#72
Phenanthrene
Concen: 1.142 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM047822.D
Acq: 04 Oct 2024 00:34

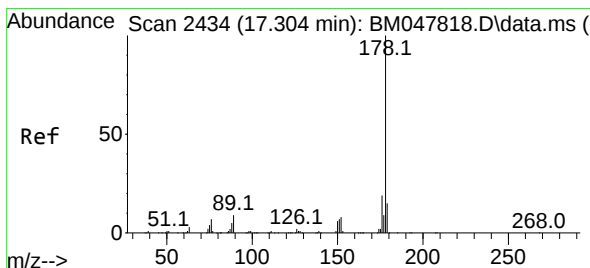
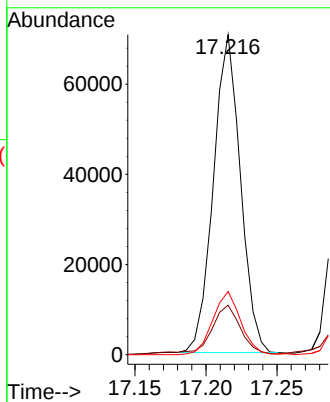
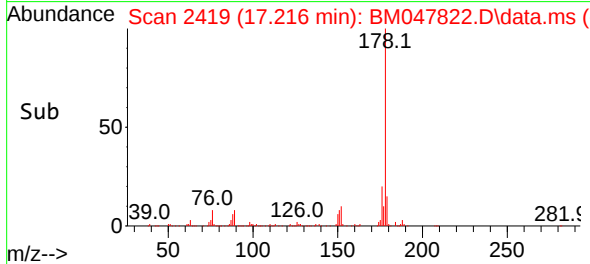
Instrument :
BNA_M
ClientSampleId :
DCYM2



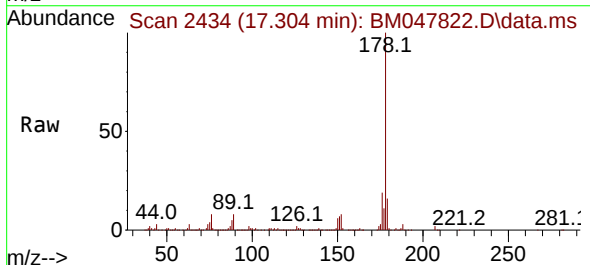
Tgt Ion:178 Resp: 93379
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 19.7 15.4 23.0

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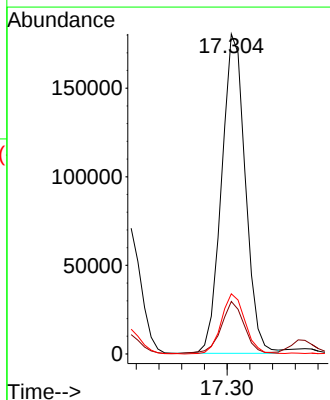
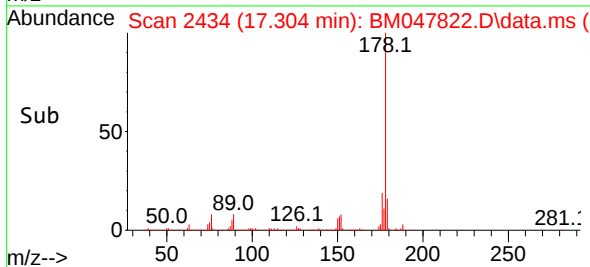
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

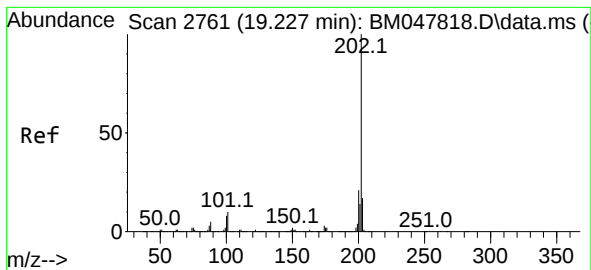


#74
Anthracene
Concen: 3.134 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BM047822.D
Acq: 04 Oct 2024 00:34



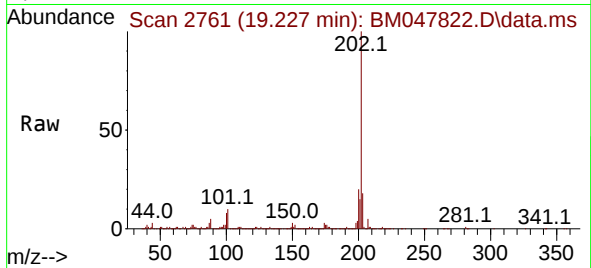
Tgt Ion:178 Resp: 261254
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 18.8 14.7 22.1





#80
Fluoranthene
Concen: 4.142 ng/u1
RT: 19.227 min Scan# 2761
Delta R.T. -0.012 min
Lab File: BM047822.D
Acq: 04 Oct 2024 00:34

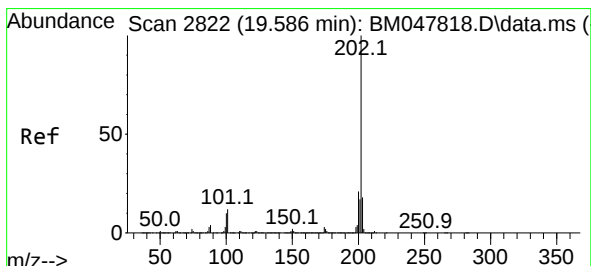
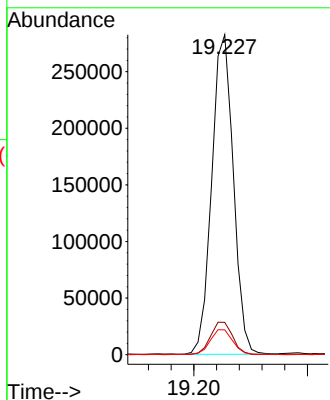
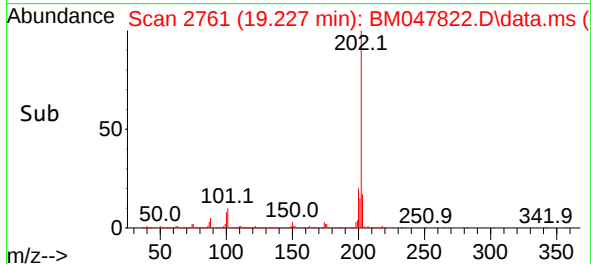
Instrument :
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Tgt Ion:202 Resp: 37372
Ion Ratio Lower Upper
202 100
101 10.1 9.0 13.4
100 7.8 6.8 10.2

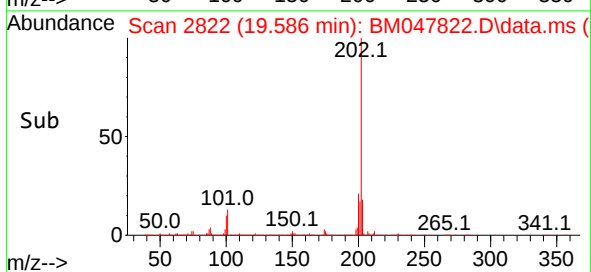
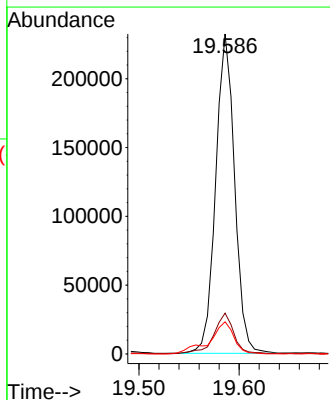
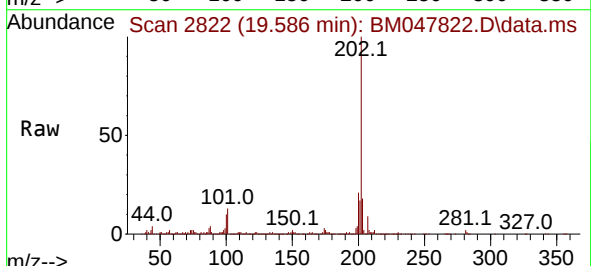
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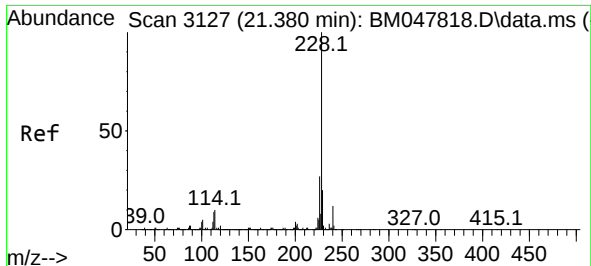
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#82
Pyrene
Concen: 3.026 ng/u1
RT: 19.586 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BM047822.D
Acq: 04 Oct 2024 00:34

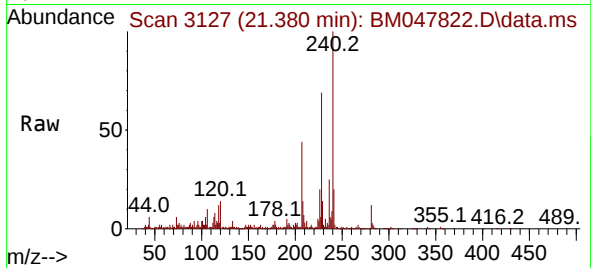
Tgt Ion:202 Resp: 303903
Ion Ratio Lower Upper
202 100
101 12.8 10.9 16.3
100 10.0 9.4 14.2





#85
Benzo(a)anthracene
Concen: 2.427 ng/uI
RT: 21.380 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BM047822.D
Acq: 04 Oct 2024 00:34

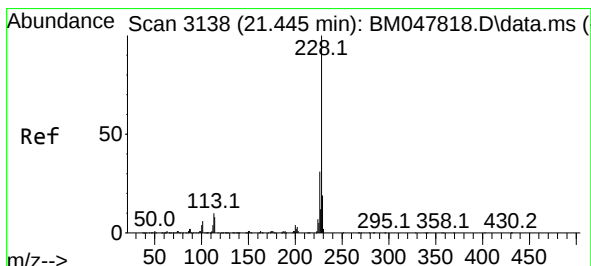
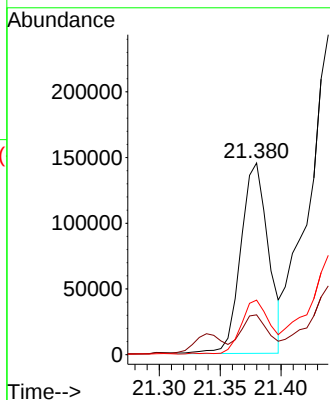
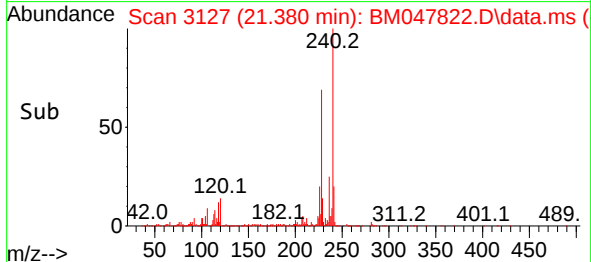
Instrument :
BNA_M
ClientSampleId :
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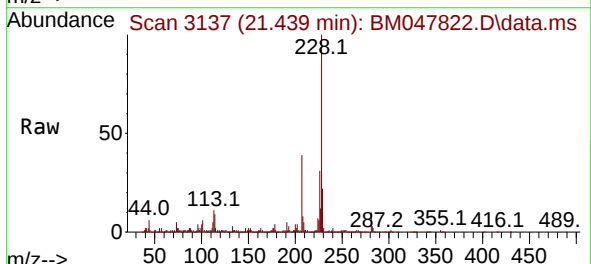
Tgt Ion:228 Resp: 229370
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.5 21.9 32.9

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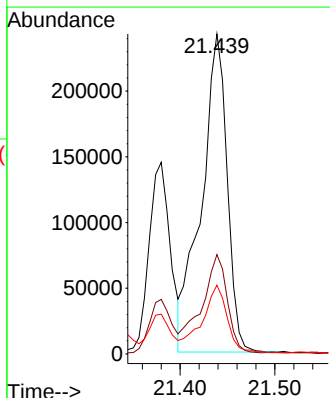
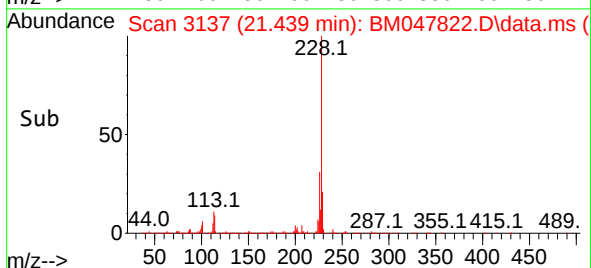
Reviewed By :Jagrut Upadhyay 10/04/2024
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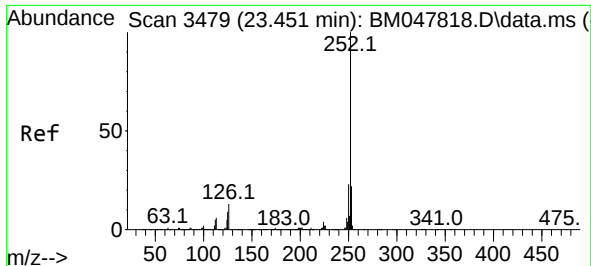


#87
Chrysene
Concen: 4.957 ng/uI
RT: 21.439 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BM047822.D
Acq: 04 Oct 2024 00:34



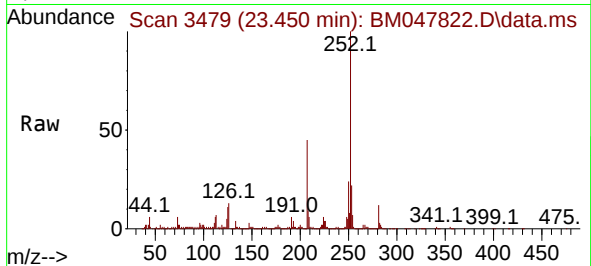
Tgt Ion:228 Resp: 456664
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 21.5 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 6.899 ng/ul
RT: 23.450 min Scan# 3479
Delta R.T. -0.012 min
Lab File: BM047822.D
Acq: 04 Oct 2024 00:34

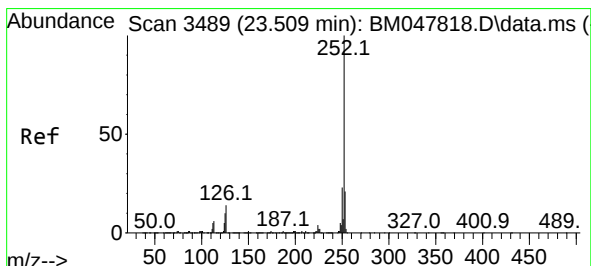
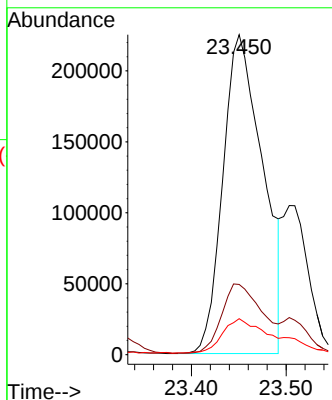
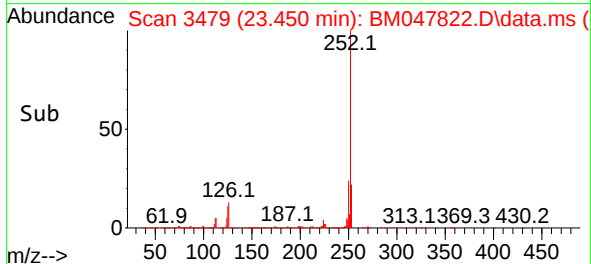
Instrument :
BNA_M
ClientSampleId :
DCYM2



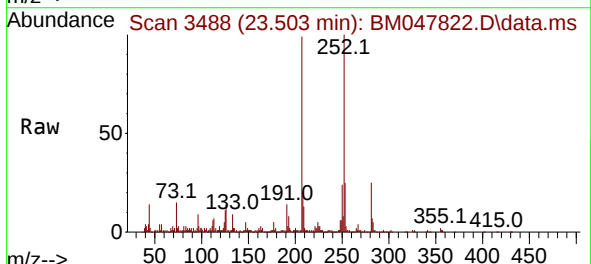
Tgt Ion:252 Resp: 65932
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.2 9.0 13.4

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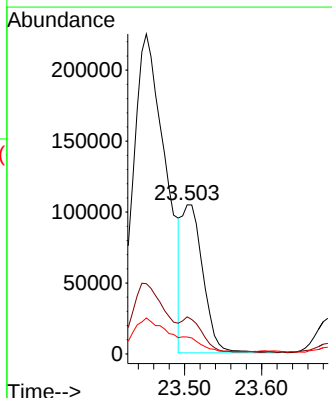
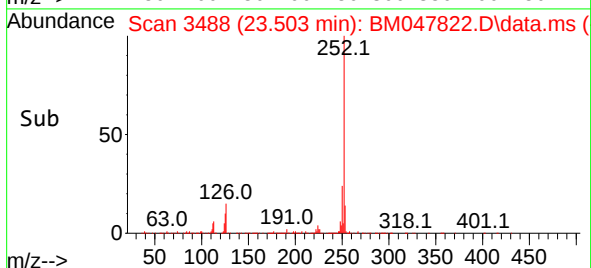
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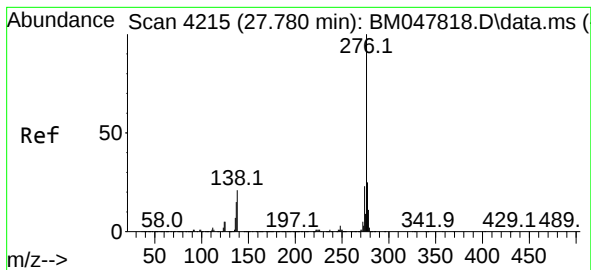


#91
Benzo(k)fluoranthene
Concen: 2.061 ng/ul m
RT: 23.503 min Scan# 3488
Delta R.T. -0.024 min
Lab File: BM047822.D
Acq: 04 Oct 2024 00:34



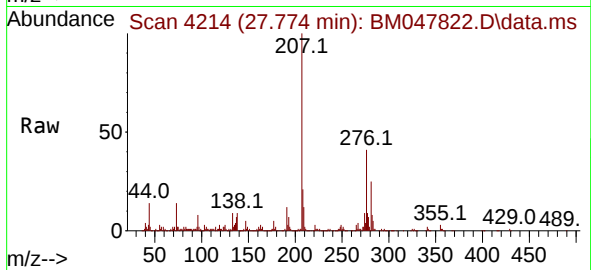
Tgt Ion:252 Resp: 201358
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 11.4 8.9 13.3





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.434 ng/ul
 RT: 27.774 min Scan# 41
 Delta R.T. -0.035 min
 Lab File: BM047822.D
 Acq: 04 Oct 2024 00:34

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:276 Resp: 16685
 Ion Ratio Lower Upper
 276 100
 138 21.7 16.9 25.3
 277 21.5 18.9 28.3

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