

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047825.D
 Acq On : 04 Oct 2024 02:32
 Operator : RC/JU
 Sample : P4084-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCYN4

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 03:21:28 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	330179	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	1341449	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.433	164	824184	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.174	188	1677167	20.000	ng/u1	-0.01
79) Chrysene-d12	21.397	240	1647304	20.000	ng/u1	-0.01
88) Perylene-d12	24.397	264	1888706	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	12725	1.245	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.969	99	237253	7.599	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	153017	6.907	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.334	132	203704	8.968	ng/u1	-0.01
15) 4-Methylphenol-d8	8.504	113	170653	7.352	ng/u1	-0.01
21) Nitrobenzene-d5	8.957	128	93568	8.760	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.675	143	99033	9.676	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	191176	9.350	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.727	131	159572	5.048	ng/u1	-0.01
46) Dimethylphthalate-d6	13.845	166	580154	9.709	ng/u1	-0.01
49) Acenaphthylene-d8	14.127	160	654552	9.239	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.627	143	72813	6.120	ng/u1	0.00
60) Fluorene-d10	15.427	176	517706	10.003	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	58719	5.983	ng/u1	-0.01
73) Anthracene-d10	17.268	188	767607	9.308	ng/u1	-0.02
81) Pyrene-d10	19.556	212	762148	8.152	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.185	264	530058	5.409	ng/u1	-0.02
Target Compounds					Qvalue	
74) Anthracene	17.303	178	162936	1.624	ng/u1	99
80) Fluoranthene	19.227	202	461081	4.187	ng/u1	97
82) Pyrene	19.586	202	364600	2.975	ng/u1	95
85) Benzo(a)anthracene	21.380	228	314287	2.725	ng/u1	96
87) Chrysene	21.438	228	444236	3.951	ng/u1	97
90) Benzo(b)fluoranthene	23.450	252	816573	6.933	ng/u1	99
91) Benzo(k)fluoranthene	23.503	252	311435m	2.586	ng/u1	
93) Benzo(a)pyrene	24.250	252	132786	1.187	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.767	276	163771	1.142	ng/u1	99

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

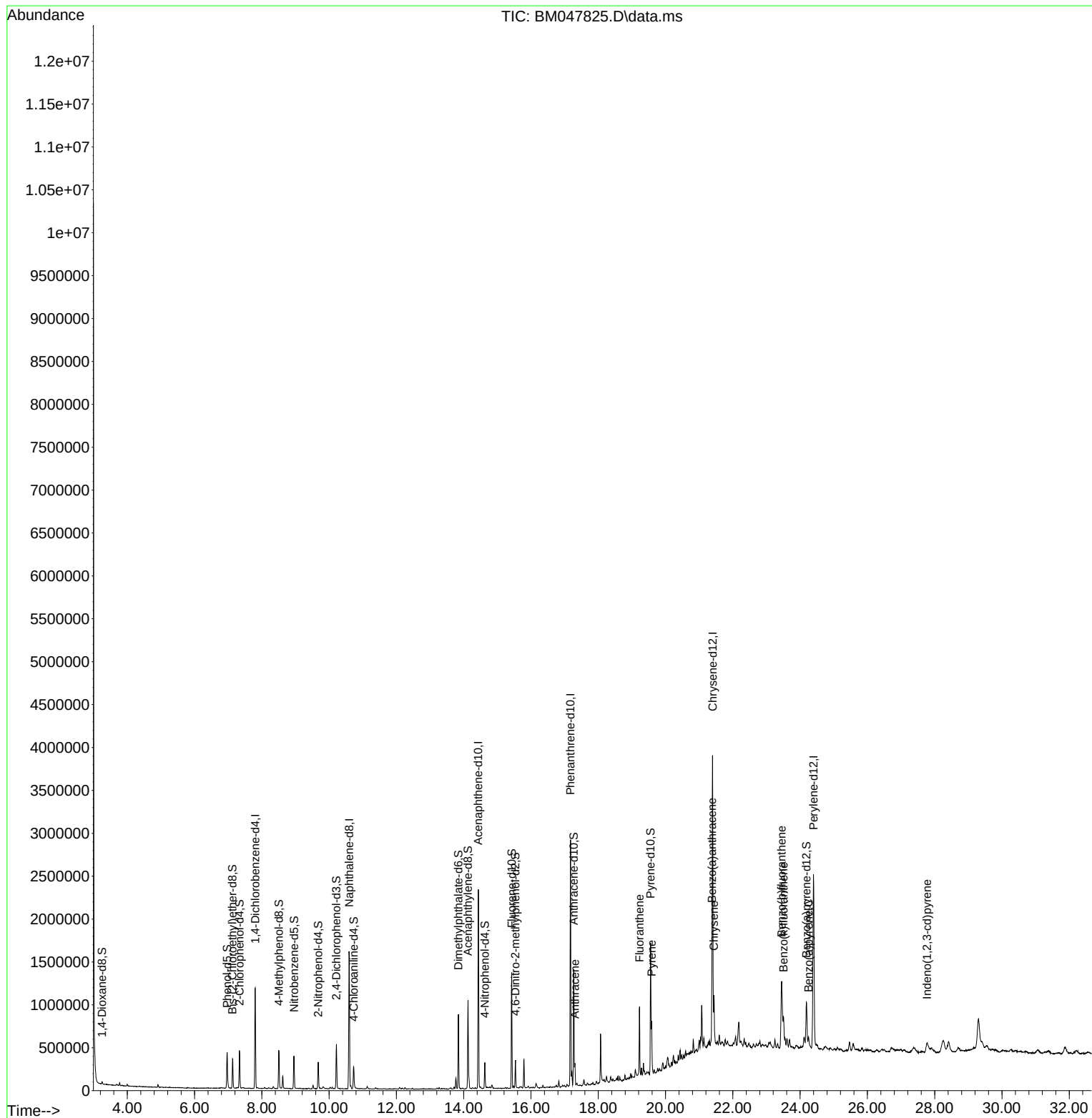
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047825.D
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ALS Vial : 24 Sample Multiplier: 1

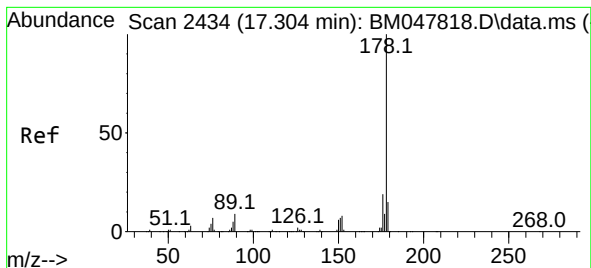
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration





#74

Anthracene

Concen: 1.624 ng/ul

RT: 17.303 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BM047825.D

Acq: 04 Oct 2024 02:32

Instrument :

BNA_M

ClientSampleId :

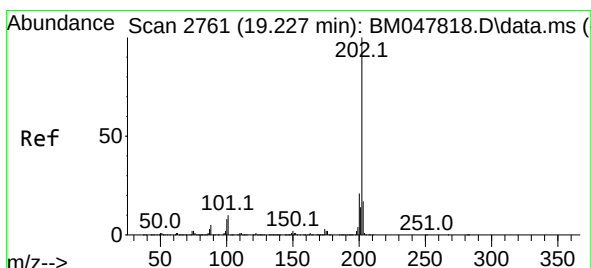
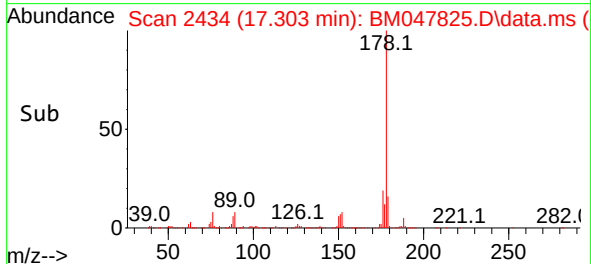
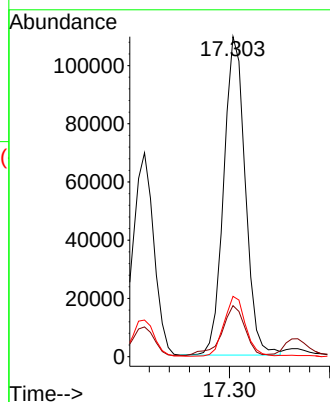
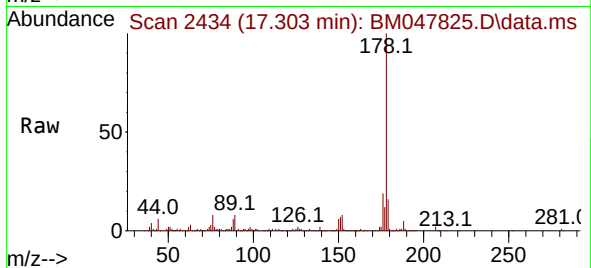
DCYN4

Tgt Ion:178 Resp: 162930
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.4 18.6
 176 18.9 14.7 22.1

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#80

Fluoranthene

Concen: 4.187 ng/ul

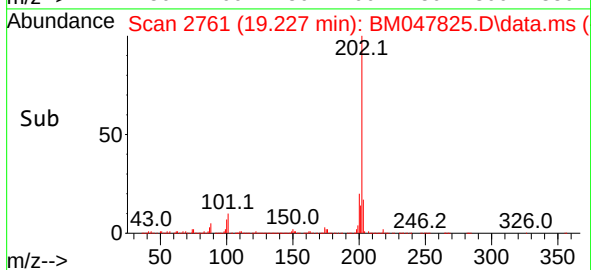
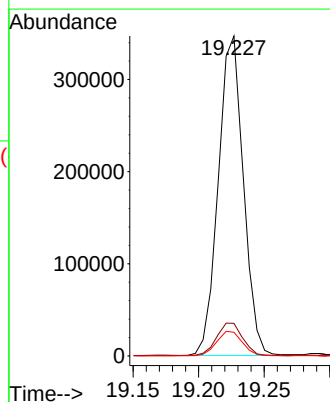
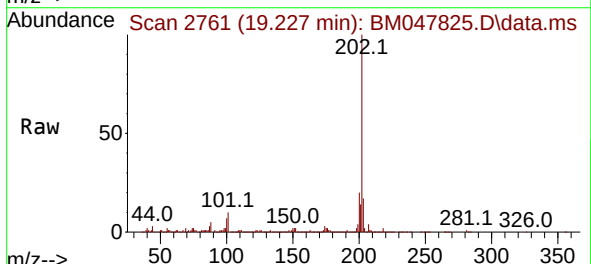
RT: 19.227 min Scan# 2761

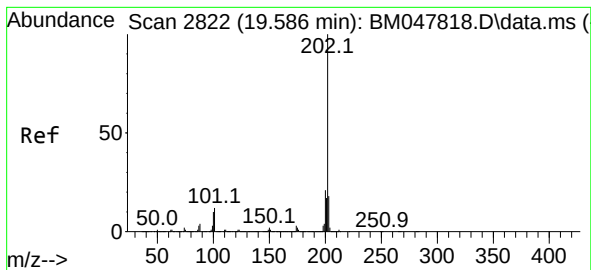
Delta R.T. -0.012 min

Lab File: BM047825.D

Acq: 04 Oct 2024 02:32

Tgt Ion:202 Resp: 461081
 Ion Ratio Lower Upper
 202 100
 101 10.2 9.0 13.4
 100 7.4 6.8 10.2





#82

Pyrene

Concen: 2.975 ng/ul

RT: 19.586 min Scan# 2822

Delta R.T. -0.012 min

Lab File: BM047825.D

Acq: 04 Oct 2024 02:32

Instrument :

BNA_M

ClientSampleId :

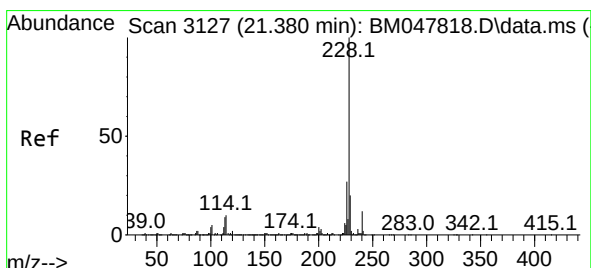
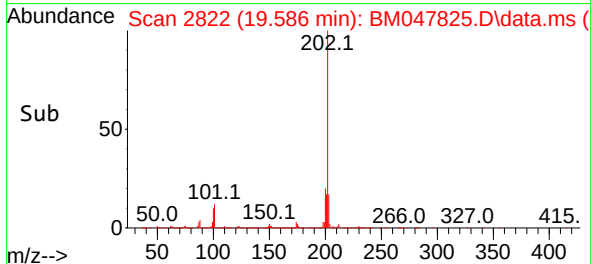
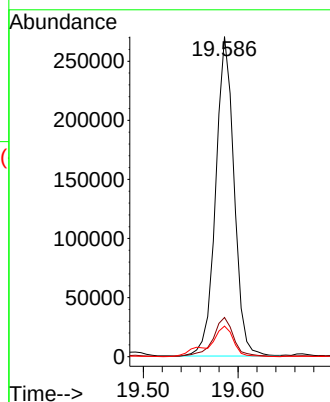
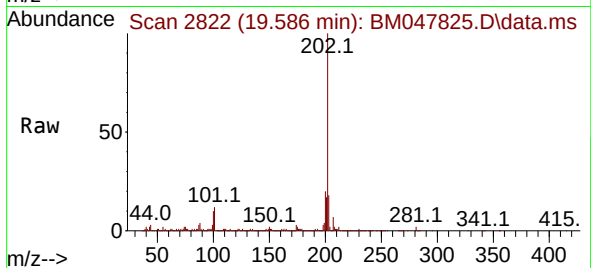
DCYN4

Tgt Ion:	202	Resp:	364600
Ion Ratio	Lower	Upper	
202	100		
101	12.2	10.9	16.3
100	9.5	9.4	14.2

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#85

Benzo(a)anthracene

Concen: 2.725 ng/ul

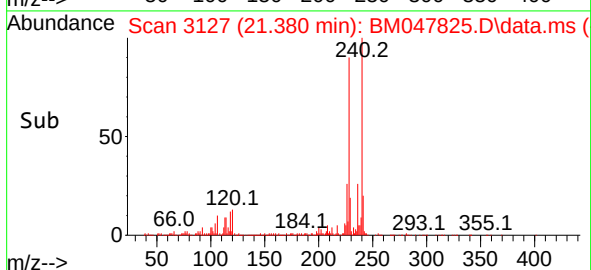
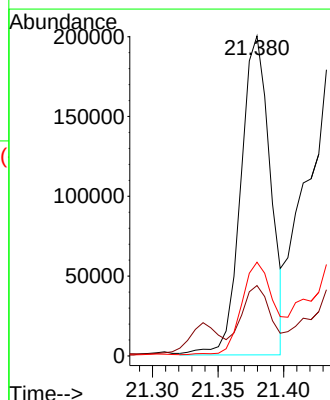
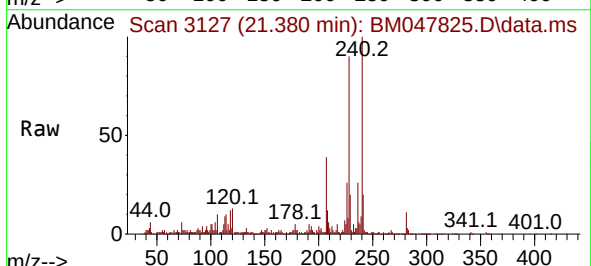
RT: 21.380 min Scan# 3127

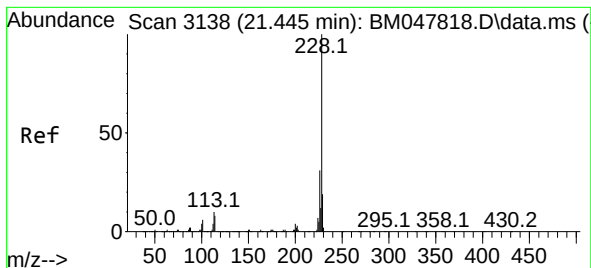
Delta R.T. -0.012 min

Lab File: BM047825.D

Acq: 04 Oct 2024 02:32

Tgt Ion:	228	Resp:	314287
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.6	23.4
226	29.3	21.9	32.9





#87

Chrysene

Concen: 3.951 ng/ul

RT: 21.438 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BM047825.D

Acq: 04 Oct 2024 02:32

Instrument :

BNA_M

ClientSampleId :

DCYN4

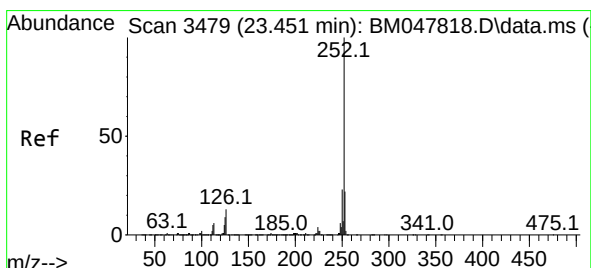
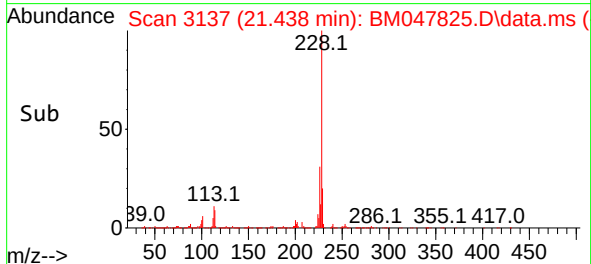
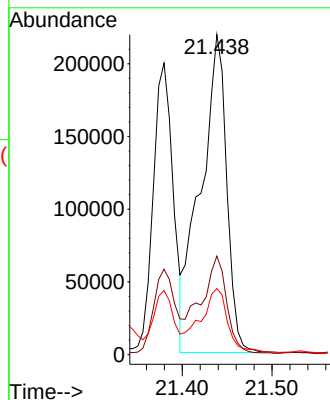
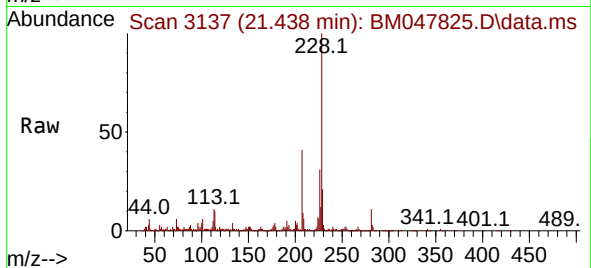
Tgt Ion:228 Resp: 444230

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.6	35.4
229	20.6	15.3	22.9

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#90

Benzo(b)fluoranthene

Concen: 6.933 ng/ul

RT: 23.450 min Scan# 3479

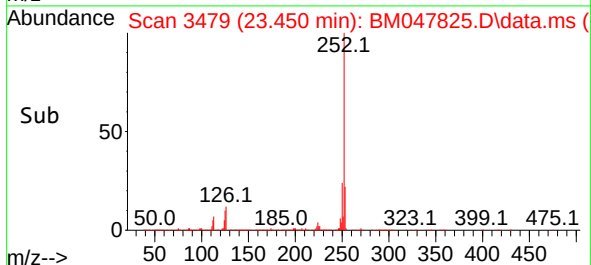
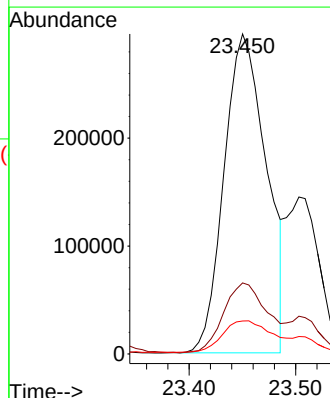
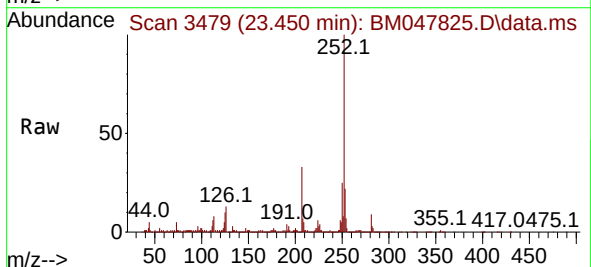
Delta R.T. -0.012 min

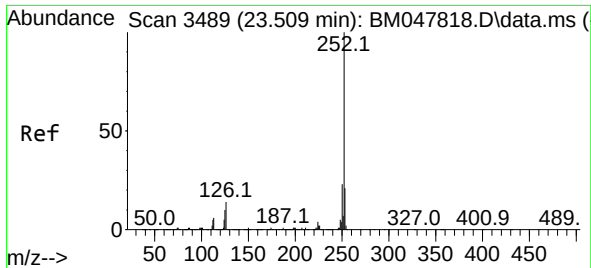
Lab File: BM047825.D

Acq: 04 Oct 2024 02:32

Tgt Ion:252 Resp: 816573

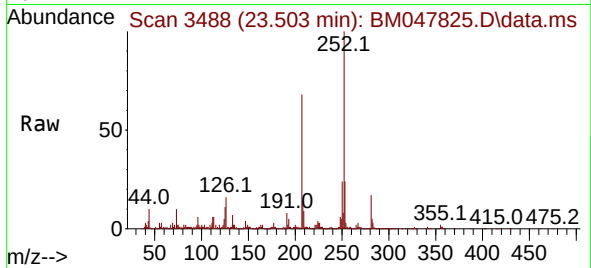
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.3	9.0	13.4





#91
Benzo(k)fluoranthene
Concen: 2.586 ng/ul m
RT: 23.503 min Scan# 3489
Delta R.T. -0.024 min
Lab File: BM047825.D
Acq: 04 Oct 2024 02:32

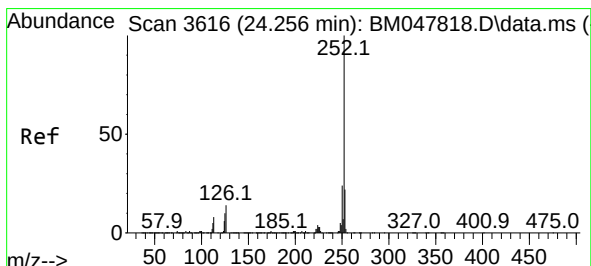
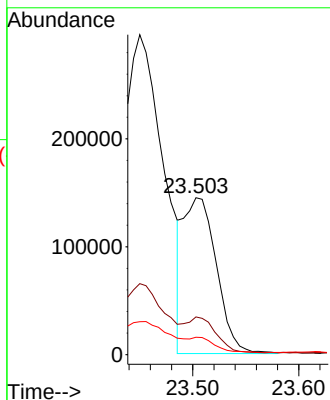
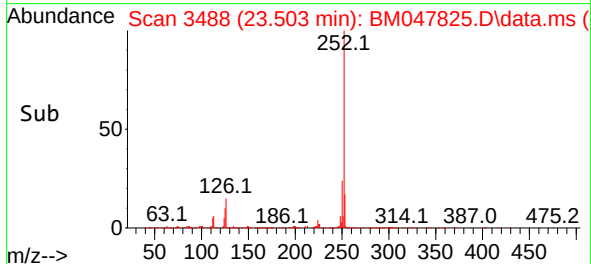
Instrument :
BNA_M
ClientSampleId :
DCYN4



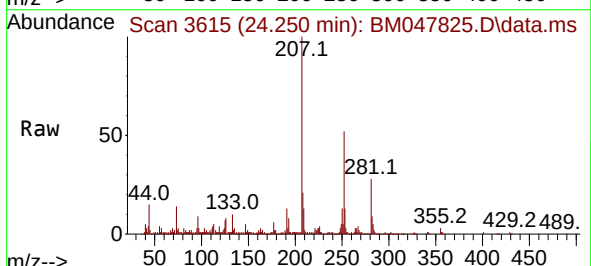
Tgt Ion:252 Resp: 311438
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 11.1 8.9 13.3

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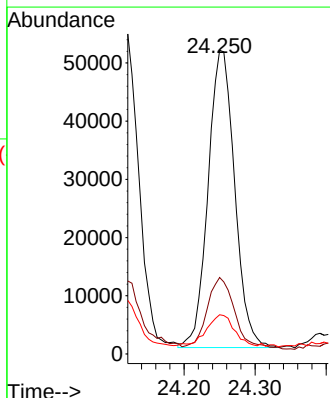
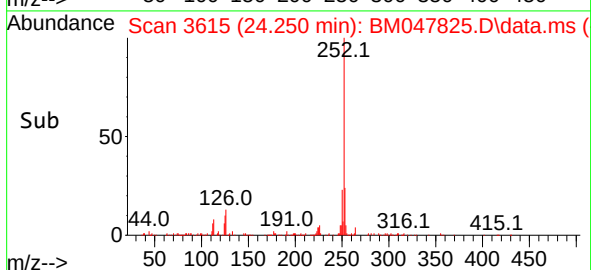
Reviewed By :Jagrut Upadhyay 10/04/2024
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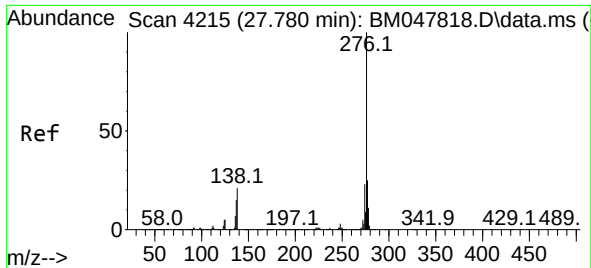


#93
Benzo(a)pyrene
Concen: 1.187 ng/ul
RT: 24.250 min Scan# 3615
Delta R.T. -0.024 min
Lab File: BM047825.D
Acq: 04 Oct 2024 02:32



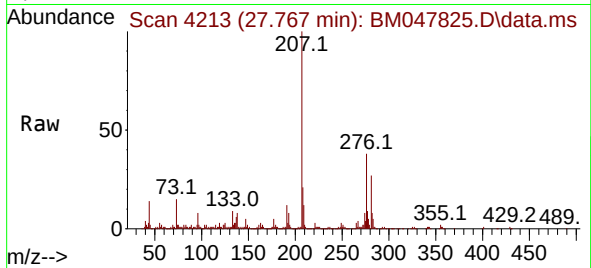
Tgt Ion:252 Resp: 132786
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 12.9 10.1 15.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.142 ng/ul
 RT: 27.767 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BM047825.D
 Acq: 04 Oct 2024 02:32

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:276 Resp: 16377
 Ion Ratio Lower Upper
 276 100
 138 21.5 16.9 25.3
 277 24.1 18.9 28.3

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