

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047820.D
 Acq On : 03 Oct 2024 23:15
 Operator : RC/JU
 Sample : P4084-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCYL8

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 00:13:02 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	247395	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	961866	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.439	164	567514	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	1155496	20.000	ng/u1	-0.01
79) Chrysene-d12	21.397	240	1159206	20.000	ng/u1	-0.01
88) Perylene-d12	24.397	264	1369374	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	9024	1.179	ng/uL	0.00
4) Pyridine-d5	3.687	84	20803m	0.928	ng/u1	0.01
7) Phenol-d5	6.969	99	143674	6.142	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	100051	6.027	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.334	132	121578	7.143	ng/u1	-0.01
15) 4-Methylphenol-d8	8.504	113	104904	6.031	ng/u1	-0.01
21) Nitrobenzene-d5	8.951	128	53918	7.040	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.675	143	52685	7.179	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	108768	7.419	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.727	131	59785	2.638	ng/u1	-0.01
46) Dimethylphthalate-d6	13.845	166	336155	8.170	ng/u1	-0.01
49) Acenaphthylene-d8	14.127	160	378851	7.766	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.627	143	32623	3.982	ng/u1	0.00
60) Fluorene-d10	15.427	176	296903	8.331	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	28548	4.222	ng/u1	-0.01
73) Anthracene-d10	17.268	188	449273	7.907	ng/u1	-0.02
81) Pyrene-d10	19.556	212	439943	6.687	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.191	264	318753	4.486	ng/u1	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.645	128	379092	6.852	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	63131	1.796	ng/u1	97
52) Acenaphthene	14.498	153	75021	1.929	ng/u1	95
61) Fluorene	15.480	166	281337	6.442	ng/u1	100
72) Phenanthrene	17.215	178	1882027	27.774	ng/u1	100
74) Anthracene	17.304	178	531513	7.690	ng/u1	100
80) Fluoranthene	19.227	202	1196793	15.445	ng/u1	98
82) Pyrene	19.586	202	872129	10.113	ng/u1	96
85) Benzo(a)anthracene	21.380	228	274042	3.376	ng/u1	95
87) Chrysene	21.439	228	597222	7.548	ng/u1	98
90) Benzo(b)fluoranthene	23.450	252	862847	10.104	ng/u1	97
91) Benzo(k)fluoranthene	23.509	252	267572m	3.064	ng/u1	
93) Benzo(a)pyrene	24.256	252	92196	1.137	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	27.773	276	143527	1.381	ng/u1	97

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

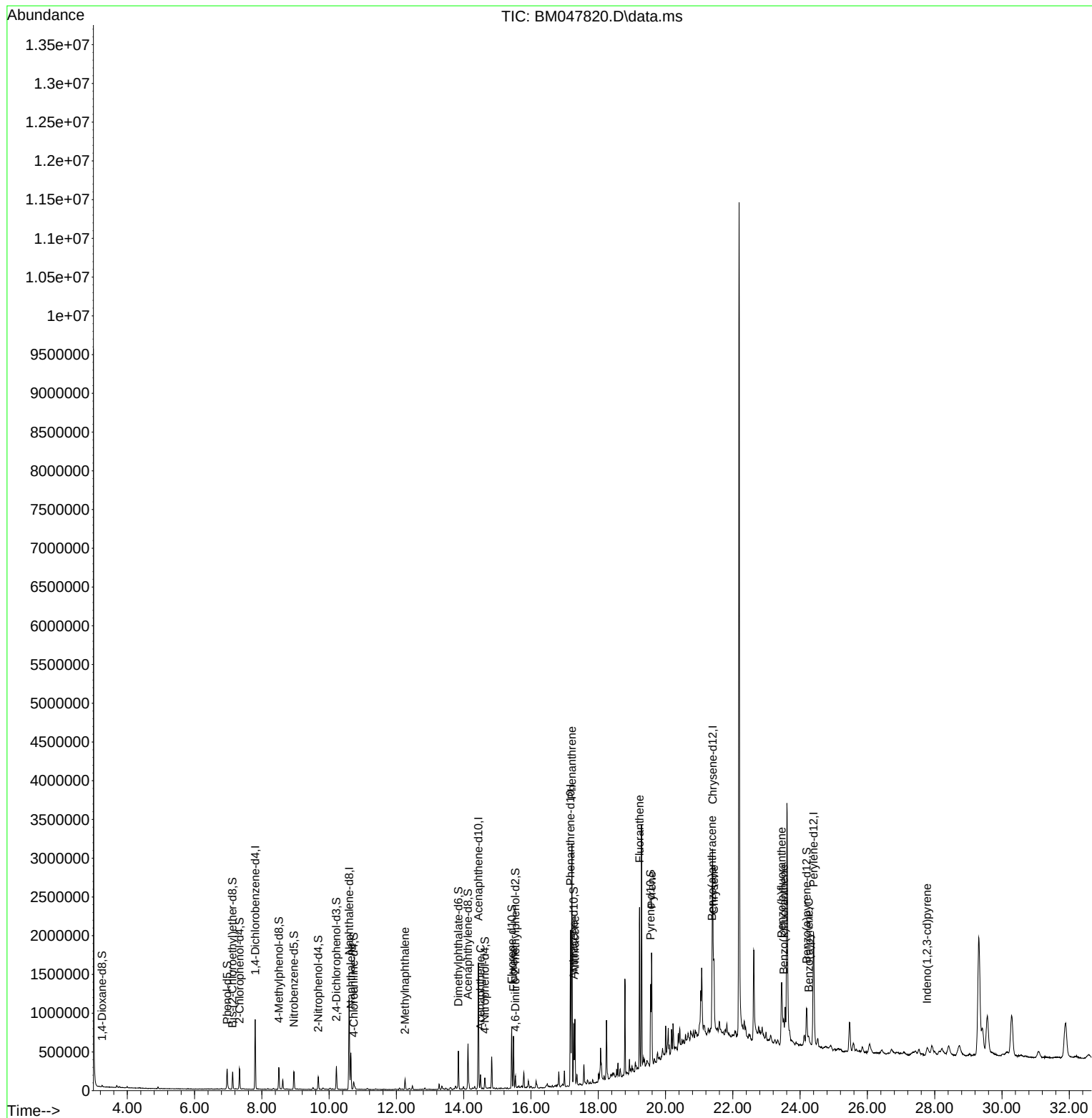
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047820.D
Acq On : 03 Oct 2024 23:15
Operator : RC/JU
Sample : P4084-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

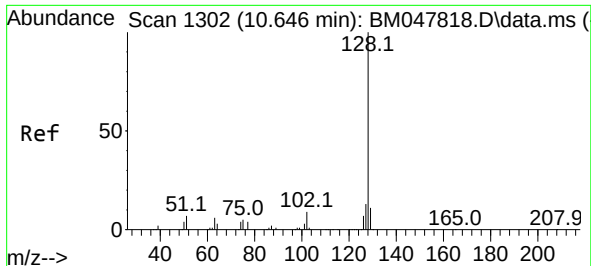
Instrument :
BNA_M
ClientSampleId :
DCYL8

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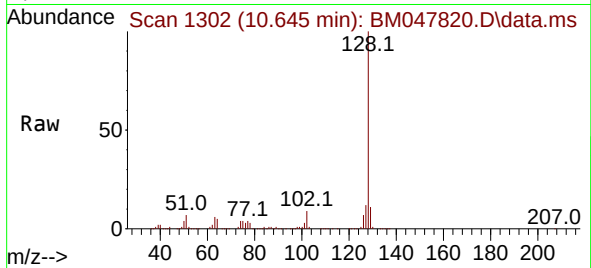
Quant Time: Oct 04 00:13:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 6.852 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15

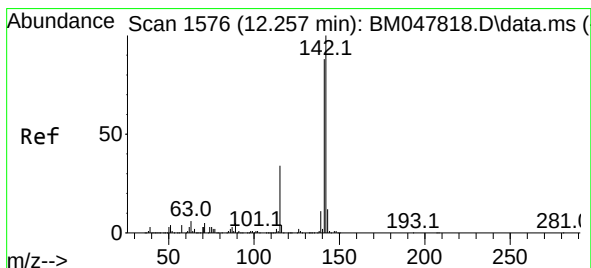
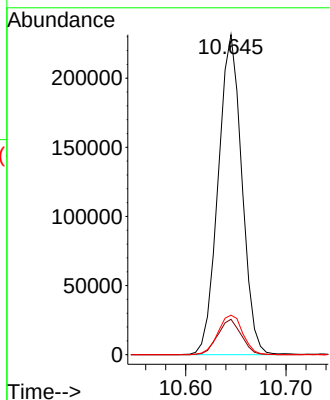
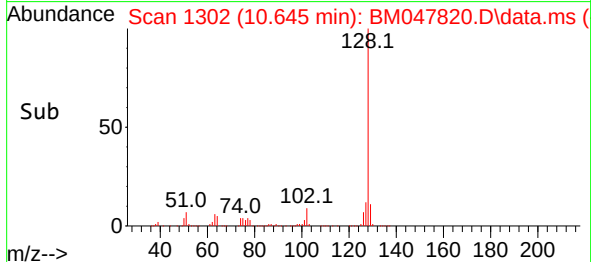
Instrument :
BNA_M
ClientSampleId :
DCYL8



Tgt Ion:128 Resp: 379092
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.3 10.4 15.6

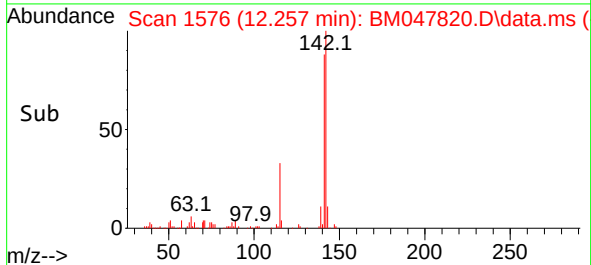
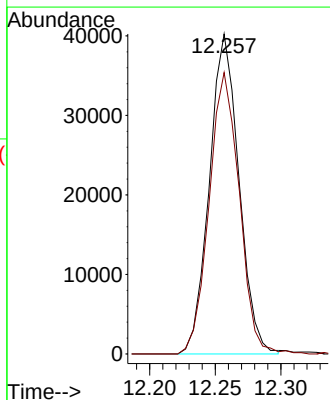
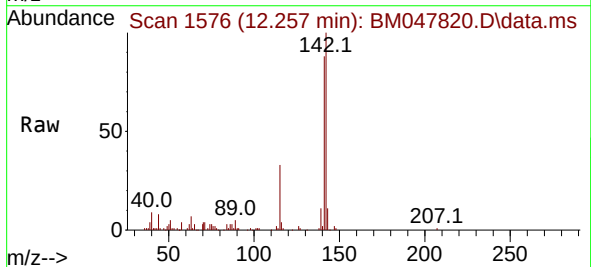
Manual Integrations
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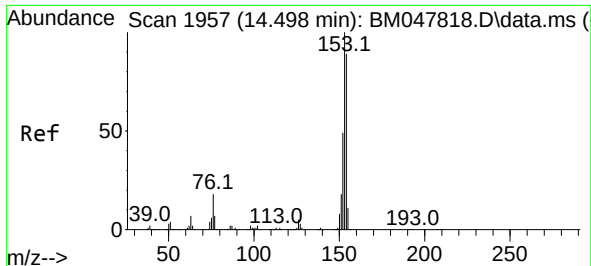
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#36
2-Methylnaphthalene
Concen: 1.796 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15

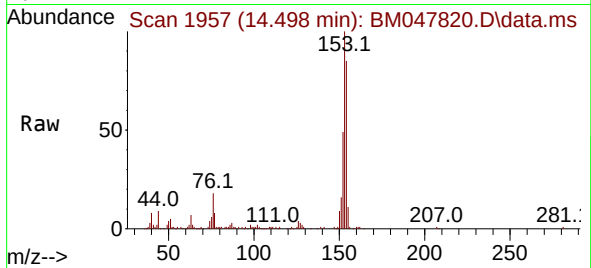
Tgt Ion:142 Resp: 63131
Ion Ratio Lower Upper
142 100
141 88.0 72.5 108.7





#52
Acenaphthene
Concen: 1.929 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15

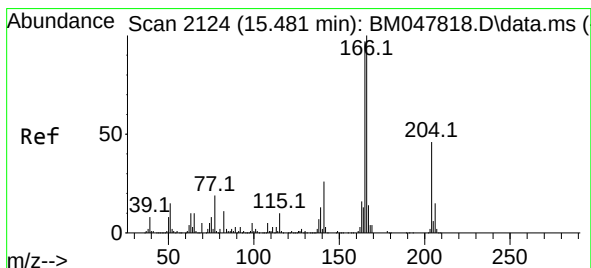
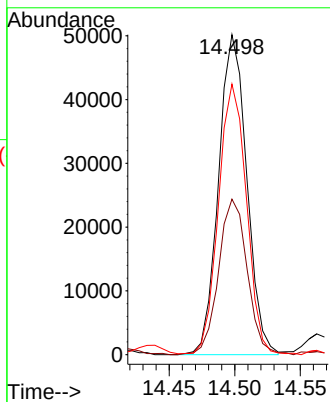
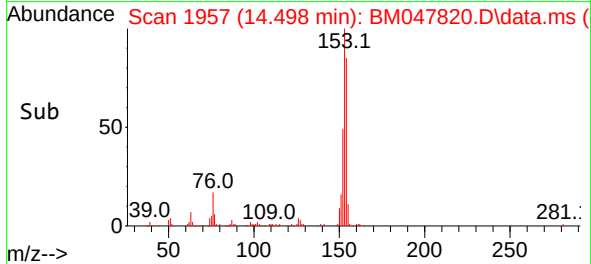
Instrument :
BNA_M
ClientSampleId :
DCYL8



Tgt Ion:153 Resp: 7502
Ion Ratio Lower Upper
153 100
152 48.6 39.7 59.5
154 84.6 72.6 108.8

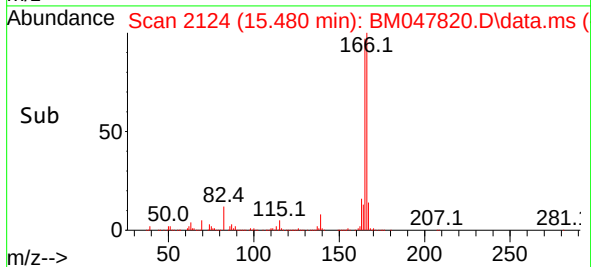
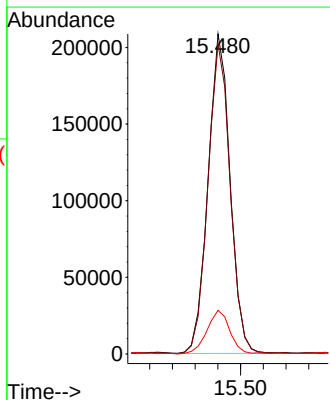
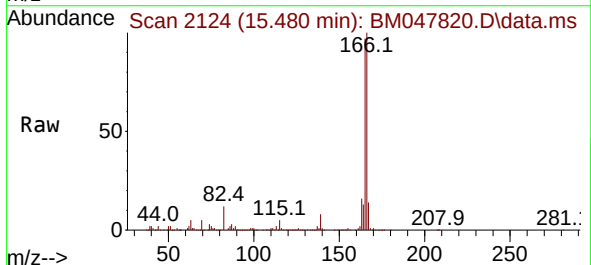
Manual Integrations
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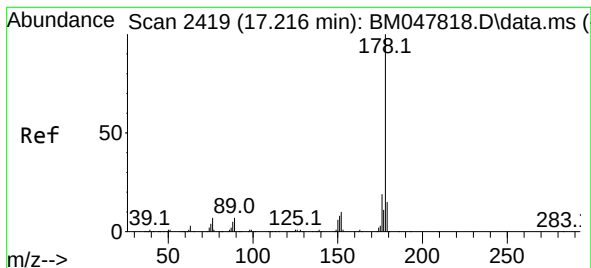
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#61
Fluorene
Concen: 6.442 ng/ul
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15

Tgt Ion:166 Resp: 281337
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.6
167 13.7 10.8 16.2





#72

Phenanthrene

Concen: 27.774 ng/ul

RT: 17.215 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BM047820.D

Acq: 03 Oct 2024 23:15

Instrument :

BNA_M

ClientSampleId :

DCYL8

Tgt Ion:178 Resp: 188202

Ion Ratio Lower Upper

178 100

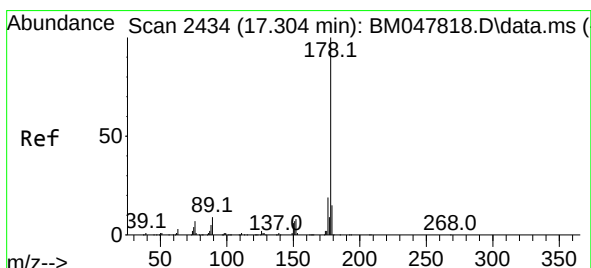
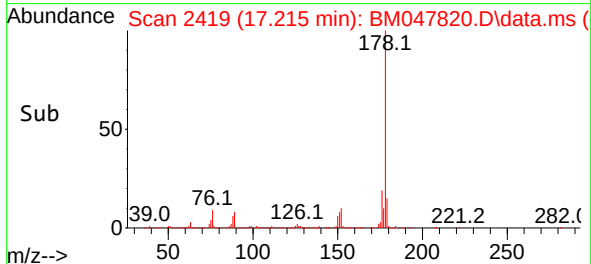
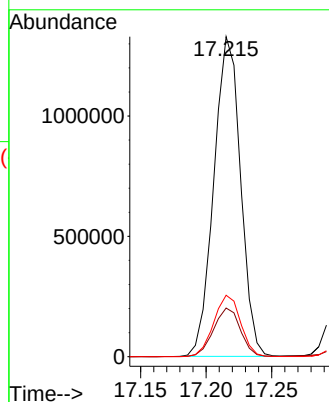
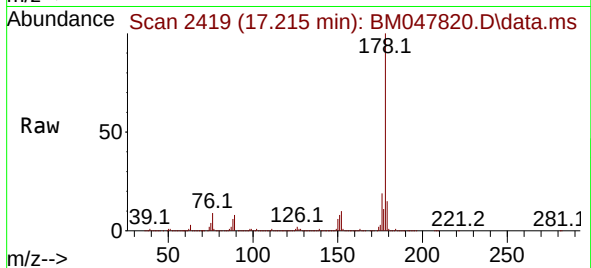
179 15.2 12.0 18.0

176 19.2 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: 7.690 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BM047820.D

Acq: 03 Oct 2024 23:15

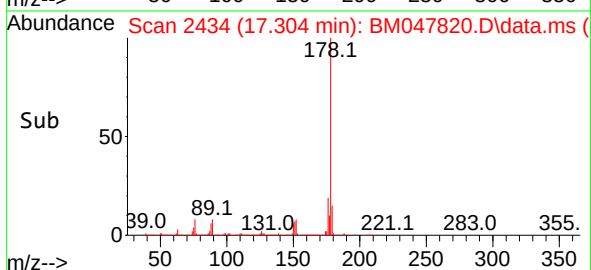
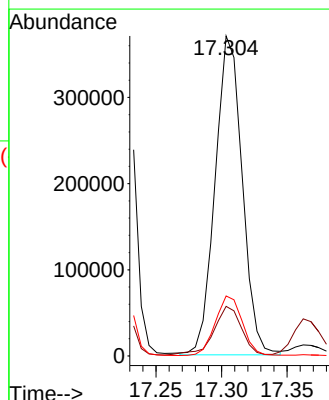
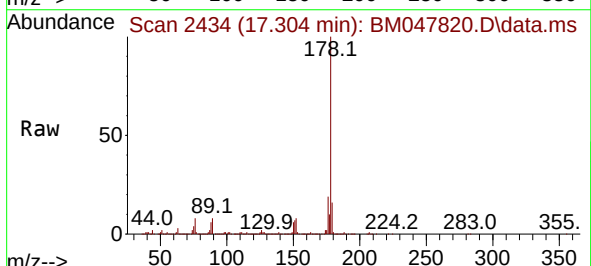
Tgt Ion:178 Resp: 531513

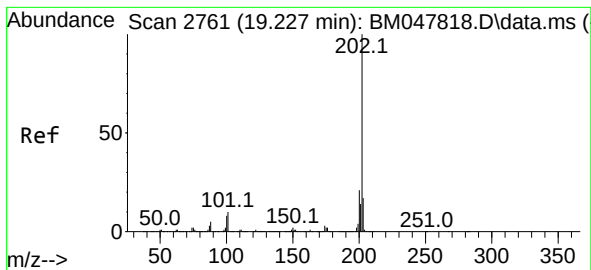
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

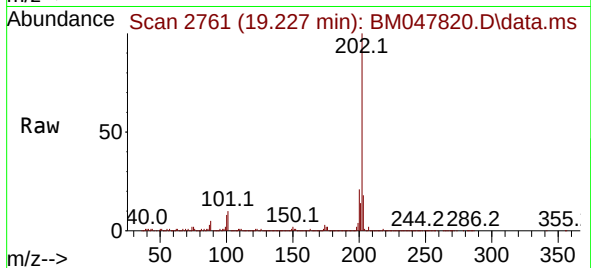
176 18.8 14.7 22.1





#80
Fluoranthene
Concen: 15.445 ng/ul
RT: 19.227 min Scan# 2761
Delta R.T. -0.012 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15

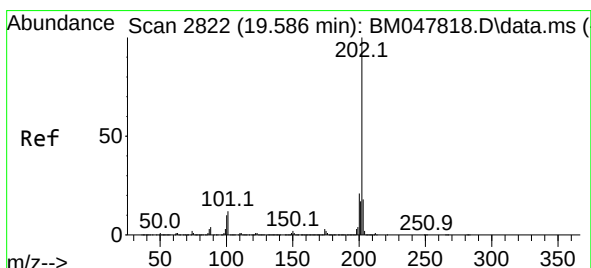
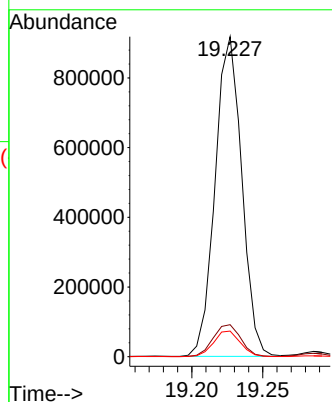
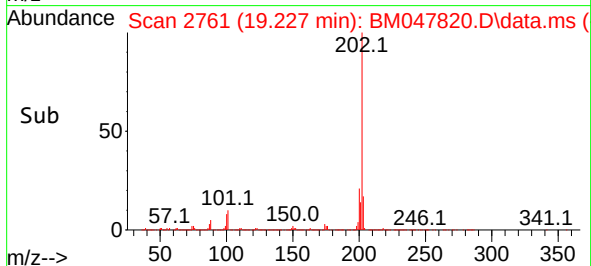
Instrument :
BNA_M
ClientSampleId :
DCYL8



Tgt Ion:202 Resp: 119679
Ion Ratio Lower Upper
202 100
101 10.0 9.0 13.4
100 8.0 6.8 10.2

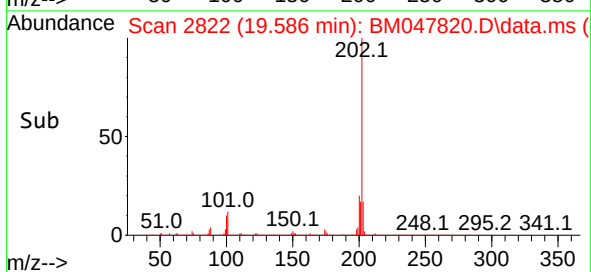
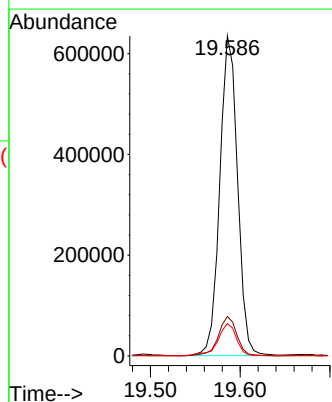
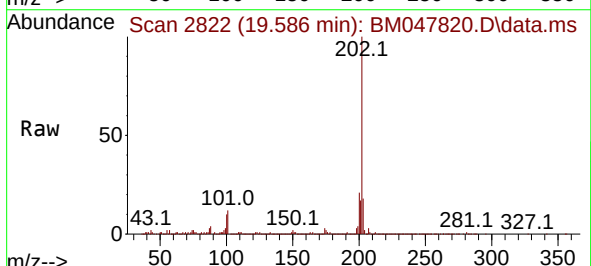
Manual Integrations
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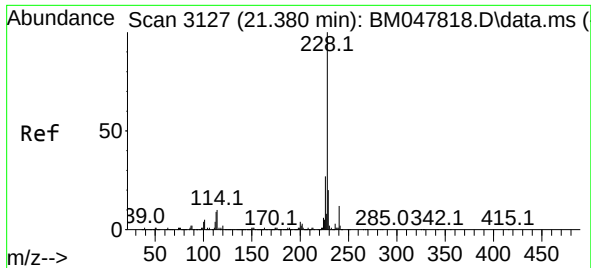
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#82
Pyrene
Concen: 10.113 ng/ul
RT: 19.586 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15

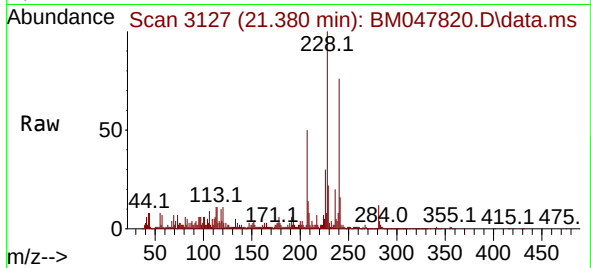
Tgt Ion:202 Resp: 872129
Ion Ratio Lower Upper
202 100
101 12.4 10.9 16.3
100 10.2 9.4 14.2





#85
Benzo(a)anthracene
Concen: 3.376 ng/u1
RT: 21.380 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15

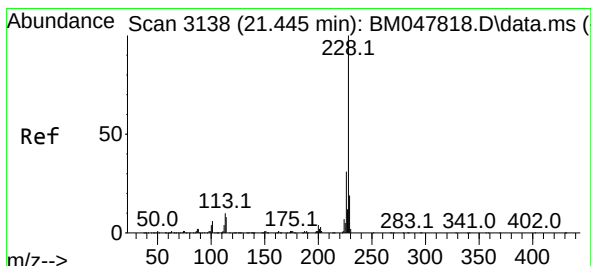
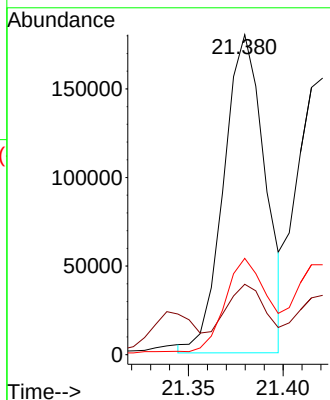
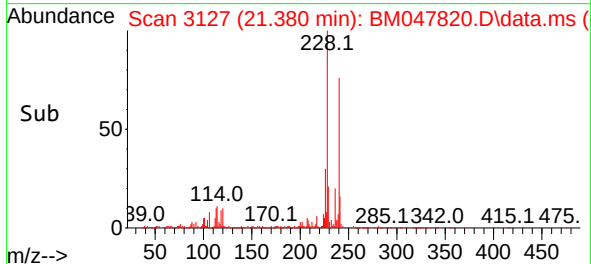
Instrument :
BNA_M
ClientSampleId :
DCYL8



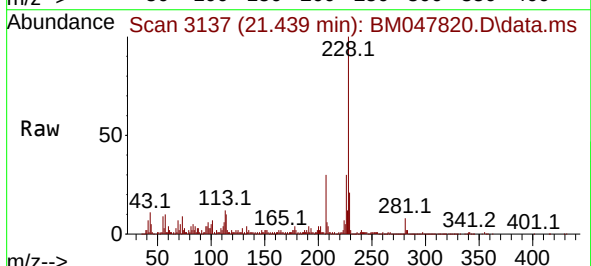
Tgt Ion:228 Resp: 27404
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 30.1 21.9 32.9

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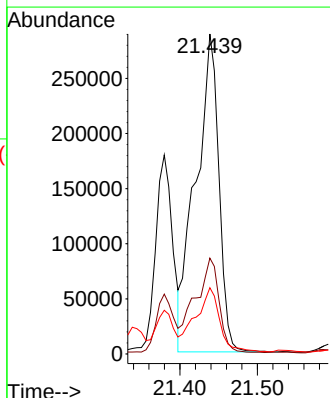
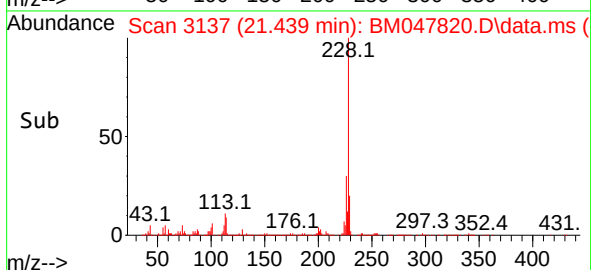
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

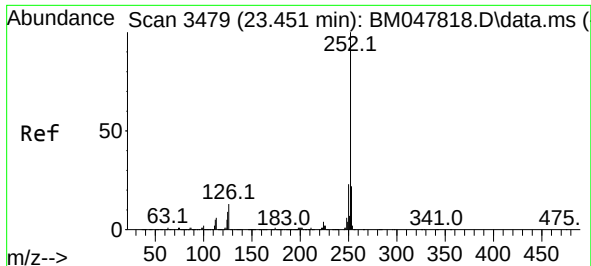


#87
Chrysene
Concen: 7.548 ng/u1
RT: 21.439 min Scan# 3137
Delta R.T. -0.012 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15



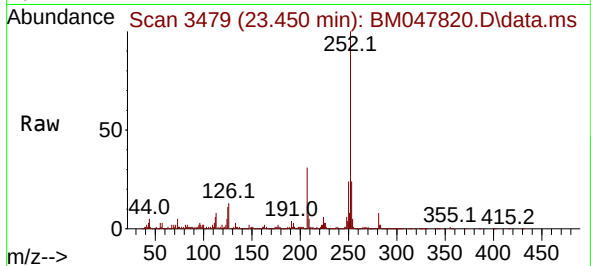
Tgt Ion:228 Resp: 59722
Ion Ratio Lower Upper
228 100
226 29.9 23.6 35.4
229 20.7 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 10.104 ng/ul
RT: 23.450 min Scan# 3479
Delta R.T. -0.012 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15

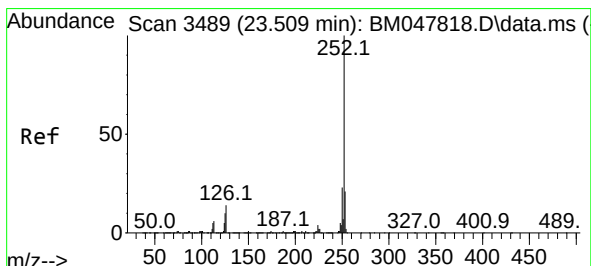
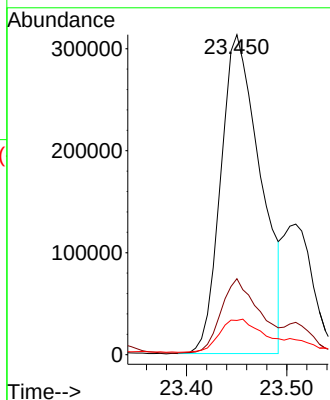
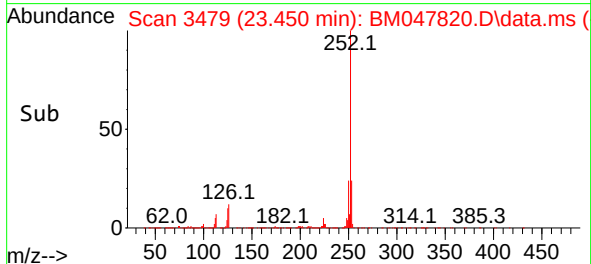
Instrument :
BNA_M
ClientSampleId :
DCYL8



Tgt Ion:252 Resp: 86284
Ion Ratio Lower Upper
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253 23.8 17.4 26.2
125 10.7 9.0 13.4

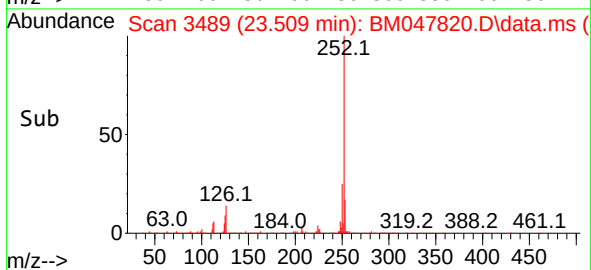
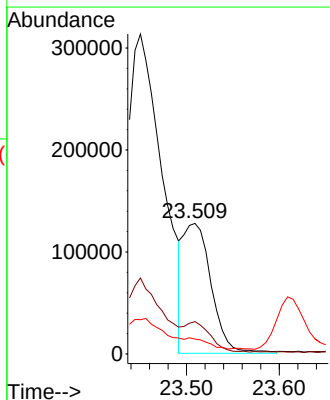
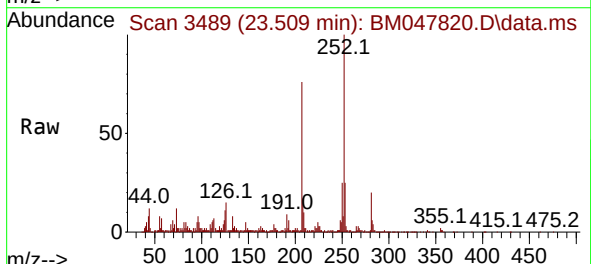
Manual Integrations
APPROVED

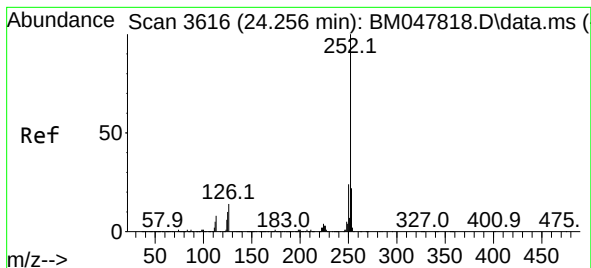
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#91
Benzo(k)fluoranthene
Concen: 3.064 ng/ul m
RT: 23.509 min Scan# 3489
Delta R.T. -0.018 min
Lab File: BM047820.D
Acq: 03 Oct 2024 23:15

Tgt Ion:252 Resp: 267572
Ion Ratio Lower Upper
252 100
253 24.7 17.5 26.3
125 11.4 8.9 13.3





#93

Benzo(a)pyrene

Concen: 1.137 ng/ul

RT: 24.256 min Scan# 3616

Delta R.T. -0.018 min

Lab File: BM047820.D

Acq: 03 Oct 2024 23:15

Instrument :

BNA_M

ClientSampleId :

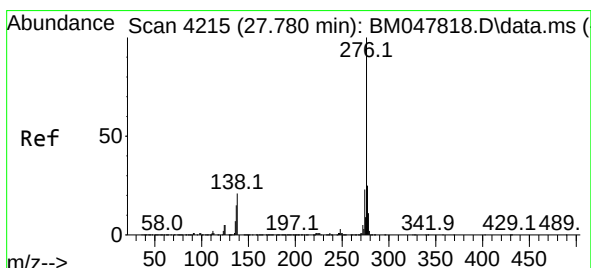
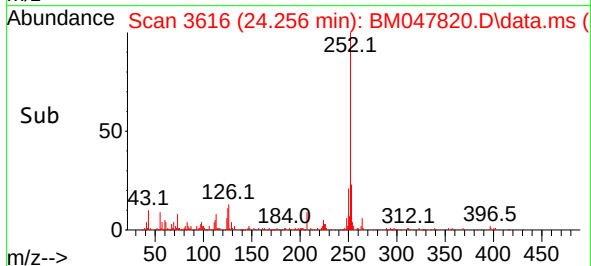
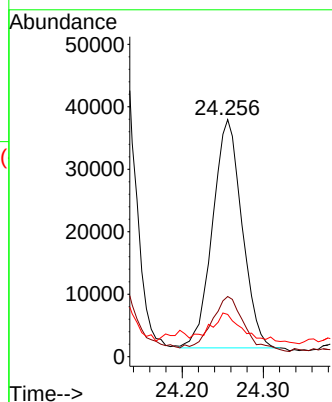
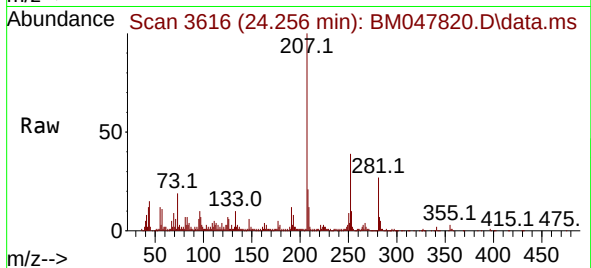
DCYL8

Tgt Ion:	252	Resp:	92190
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.2	25.8
125	17.8	10.1	15.1

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.381 ng/ul

RT: 27.773 min Scan# 4214

Delta R.T. -0.036 min

Lab File: BM047820.D

Acq: 03 Oct 2024 23:15

Tgt Ion:	276	Resp:	143527
Ion Ratio	Lower	Upper	
276	100		
138	22.9	16.9	25.3
277	22.8	18.9	28.3

