

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047876.D
 Acq On : 05 Oct 2024 14:05
 Operator : RC/JU
 Sample : P4083-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EH2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 23:27:03 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	310370	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1233523	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.433	164	744959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1526938	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1408747	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1601381	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7565	0.788	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.969	99	125920	4.291	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	96418	4.630	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	120175	5.628	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	58341	2.674	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	60191	6.129	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	62498	6.640	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	112995	6.010	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	50939	1.752	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	352926	6.534	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	405412	6.331	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	39603	3.683	ng/u1	0.00
60) Fluorene-d10	15.422	176	322082	6.885	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	19793	2.215	ng/u1	0.00
73) Anthracene-d10	17.268	188	487076	6.487	ng/u1	0.00
81) Pyrene-d10	19.557	212	481627	6.024	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.192	264	327040	3.936	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.616	105	53982	1.446	ng/u1	91
72) Phenanthrene	17.216	178	561527	6.271	ng/u1	99
74) Anthracene	17.304	178	104558	1.145	ng/u1	99
80) Fluoranthene	19.221	202	1234106	13.106	ng/u1	99
82) Pyrene	19.586	202	761893m	7.270	ng/u1	
85) Benzo(a)anthracene	21.380	228	532389	5.398	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.304	149	258674	4.650	ng/u1#	98
87) Chrysene	21.439	228	589007	6.125	ng/u1	96
90) Benzo(b)fluoranthene	23.450	252	812348	8.134	ng/u1	98
91) Benzo(k)fluoranthene	23.509	252	278730m	2.730	ng/u1	
93) Benzo(a)pyrene	24.256	252	224667	2.369	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	27.774	276	239117	1.967	ng/u1	97
95) Dibenzo(a,h)anthracene	27.827	278	100245	1.006	ng/u1#	90

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

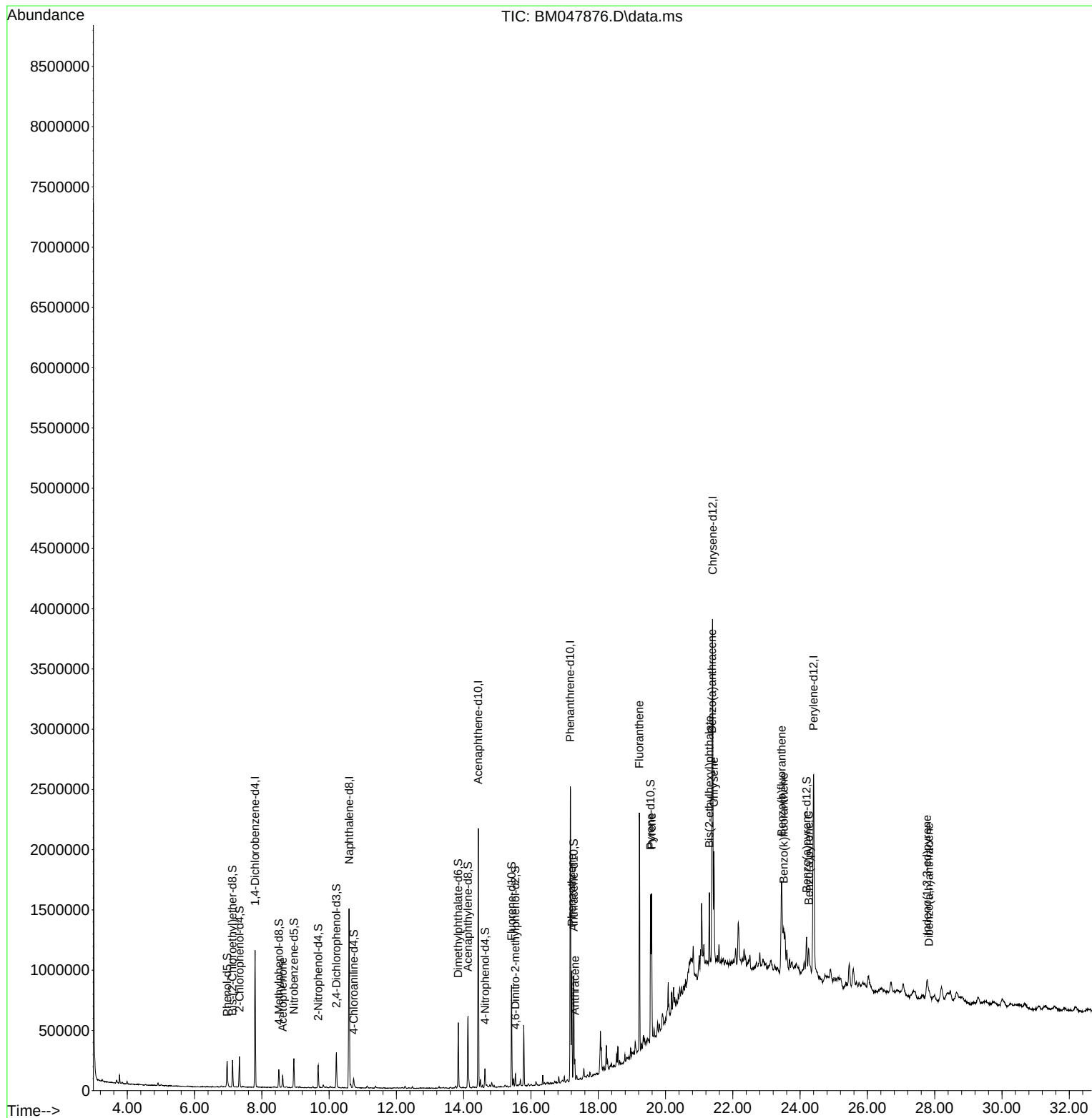
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047876.D
Acq On : 05 Oct 2024 14:05
Operator : RC/JU
Sample : P4083-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

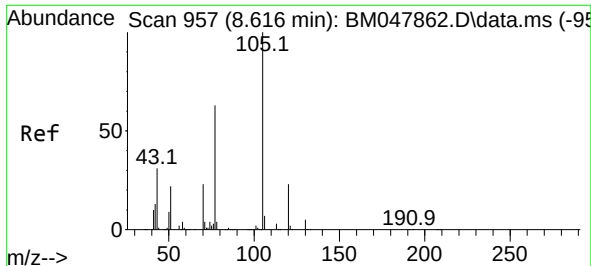
Instrument :
BNA_M
ClientSampleId :
A4EH2

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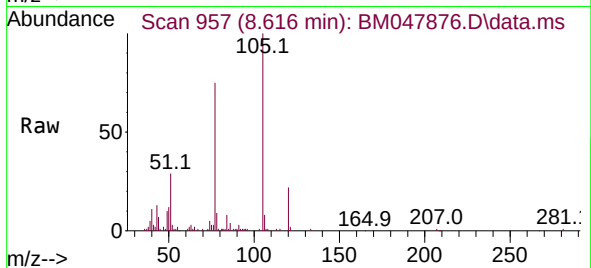
Quant Time: Oct 05 23:27:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.446 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM047876.D
Acq: 05 Oct 2024 14:05

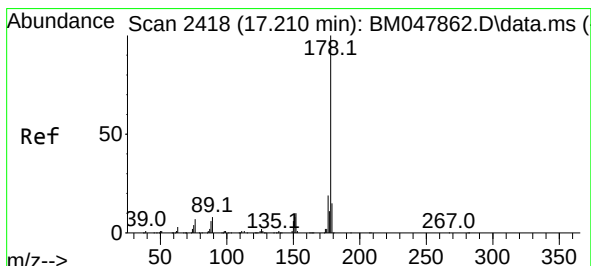
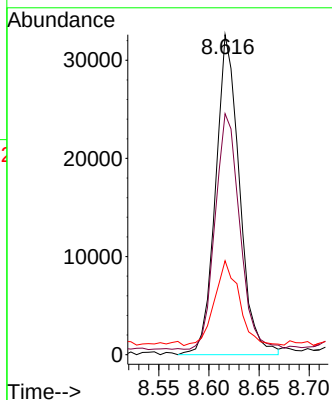
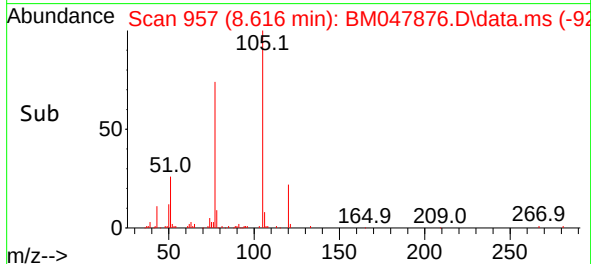
Instrument :
BNA_M
ClientSampleId :
A4EH2



Tgt Ion:105 Resp: 5398
Ion Ratio Lower Upper
105 100
77 75.3 66.6 100.0
51 29.3 27.0 40.4

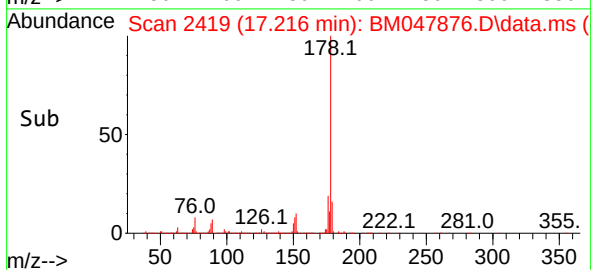
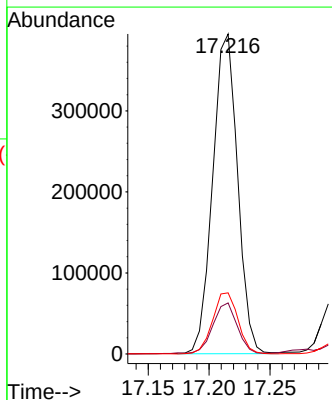
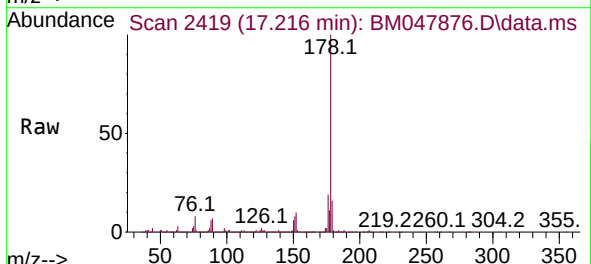
Manual Integrations
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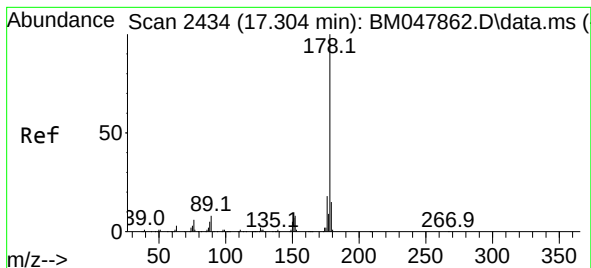
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#72
Phenanthrene
Concen: 6.271 ng/ul
RT: 17.216 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM047876.D
Acq: 05 Oct 2024 14:05

Tgt Ion:178 Resp: 561527
Ion Ratio Lower Upper
178 100
179 16.0 12.0 18.0
176 19.1 15.4 23.0





#74

Anthracene

Concen: 1.145 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Instrument :

BNA_M

ClientSampleId :

A4EH2

Tgt Ion:178 Resp: 104558

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

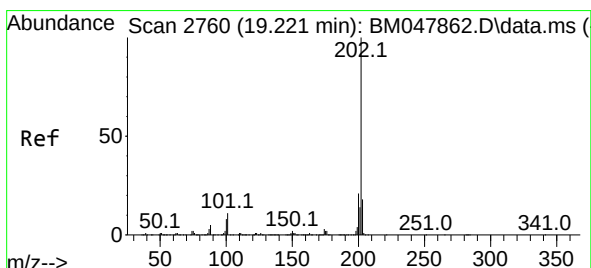
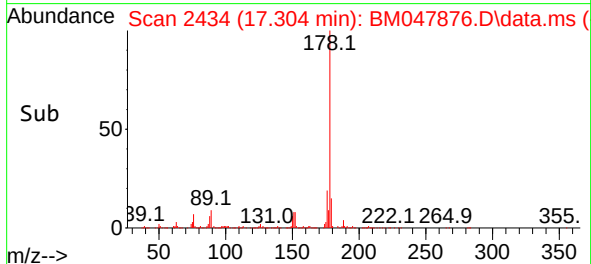
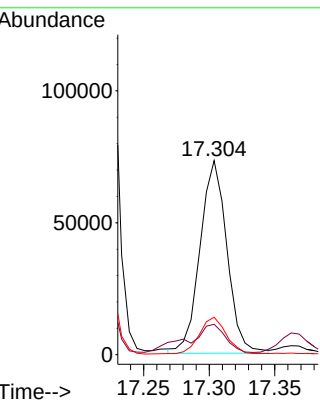
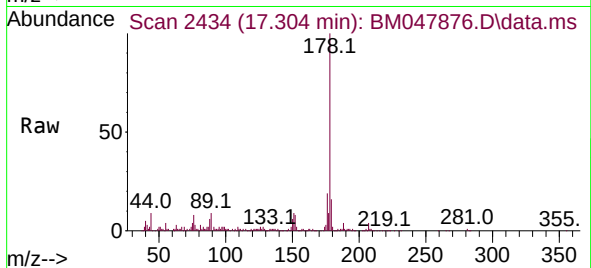
176 19.3 14.7 22.1

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#80

Fluoranthene

Concen: 13.106 ng/ul

RT: 19.221 min Scan# 2760

Delta R.T. -0.006 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

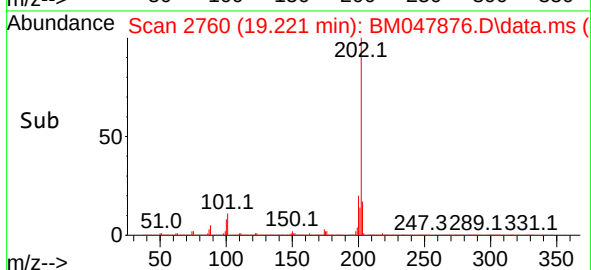
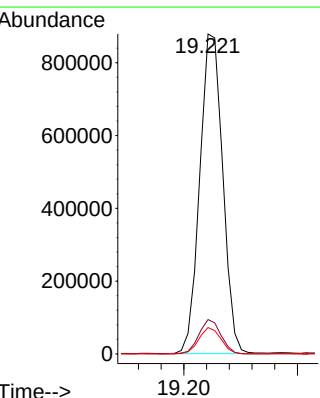
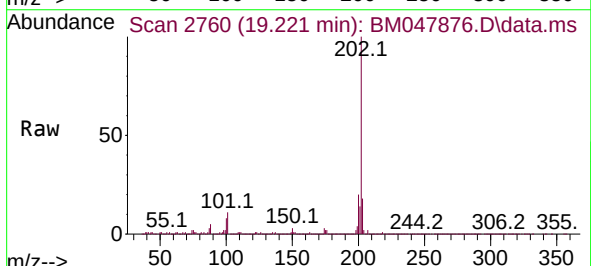
Tgt Ion:202 Resp: 1234106

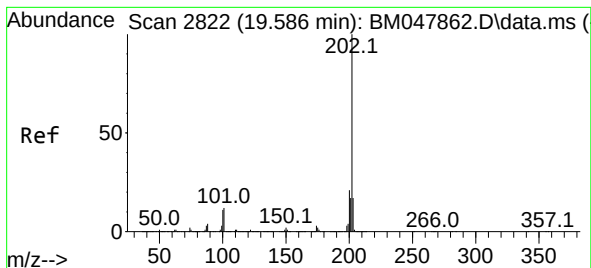
Ion Ratio Lower Upper

202 100

101 10.7 9.0 13.4

100 8.3 6.8 10.2





#82

Pyrene

Concen: 7.270 ng/ul m

RT: 19.586 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Instrument :

BNA_M

ClientSampleId :

A4EH2

Tgt Ion:202 Resp: 76189

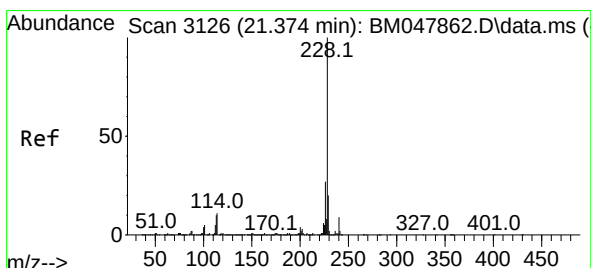
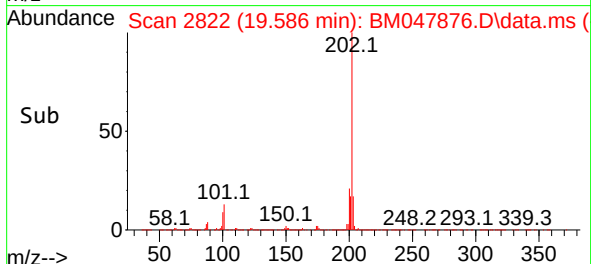
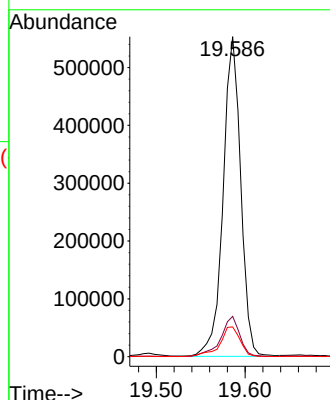
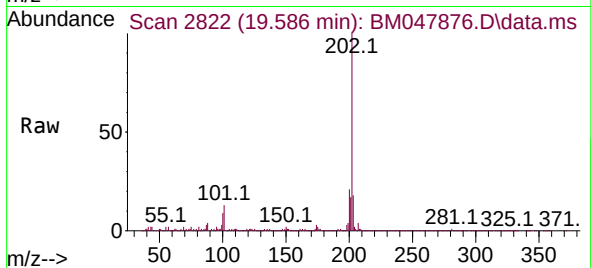
Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.9	16.3
100	9.3	9.4	14.2

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#85

Benzo(a)anthracene

Concen: 5.398 ng/ul

RT: 21.380 min Scan# 3127

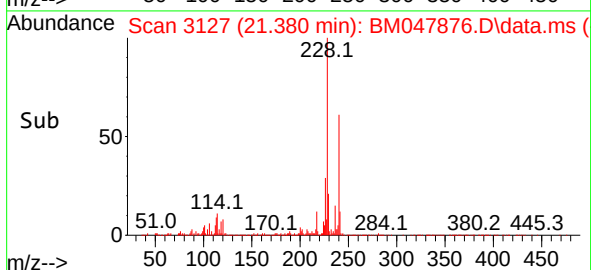
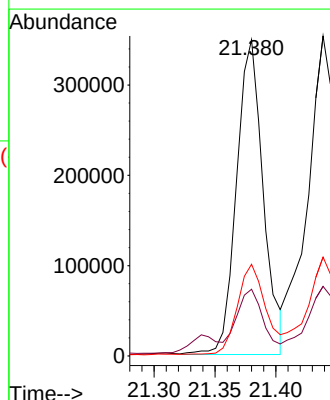
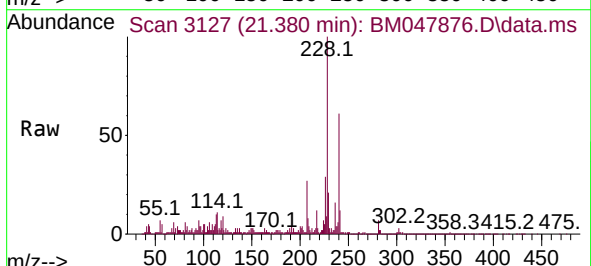
Delta R.T. 0.000 min

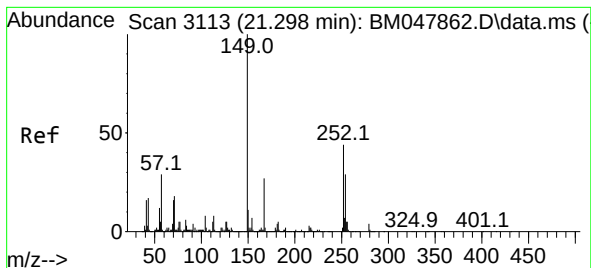
Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Tgt Ion:228 Resp: 532389

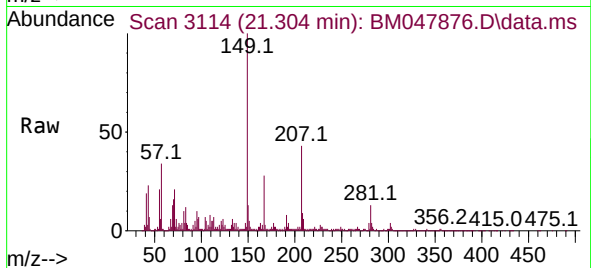
Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	29.0	21.9	32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.650 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM047876.D
Acq: 05 Oct 2024 14:05

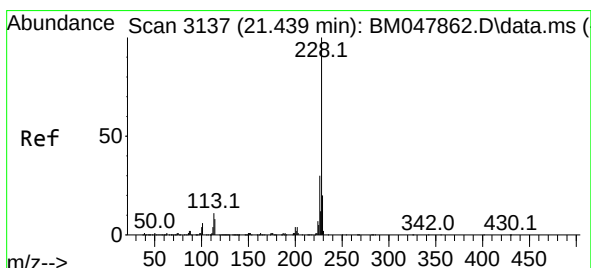
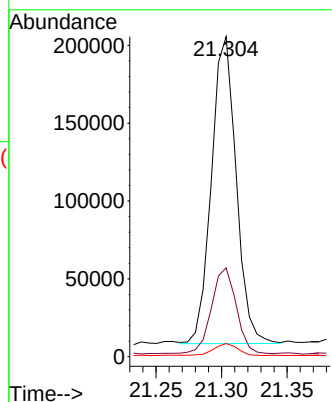
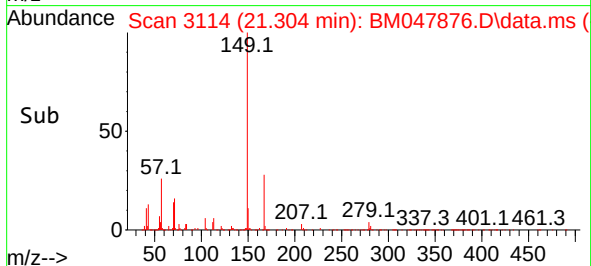
Instrument :
BNA_M
ClientSampleId :
A4EH2



Tgt Ion:149 Resp: 258674
Ion Ratio Lower Upper
149 100
167 27.7 21.3 31.9
279 4.1 2.7 4.1

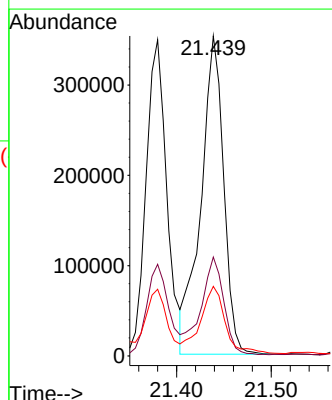
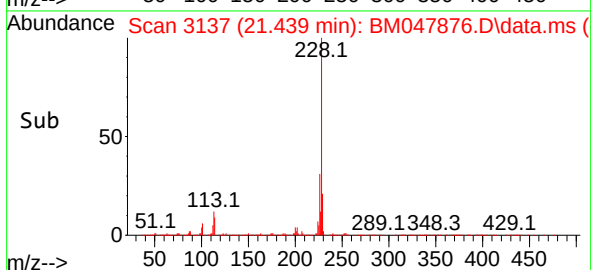
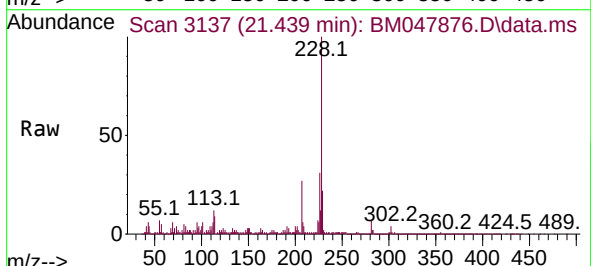
Manual Integrations
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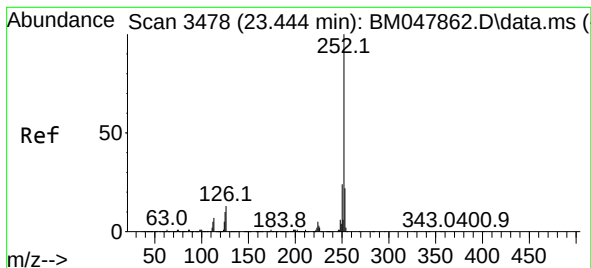
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#87
Chrysene
Concen: 6.125 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047876.D
Acq: 05 Oct 2024 14:05

Tgt Ion:228 Resp: 589007
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 21.8 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 8.134 ng/ul

RT: 23.450 min Scan# 3478

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Instrument :

BNA_M

ClientSampleId :

A4EH2

Tgt Ion:252 Resp: 81234

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

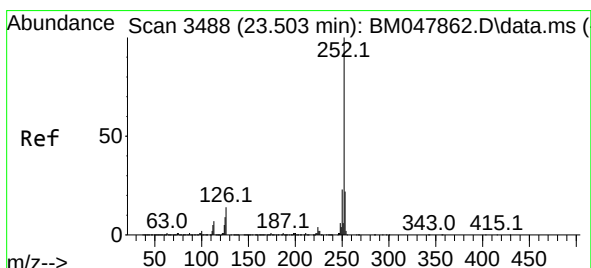
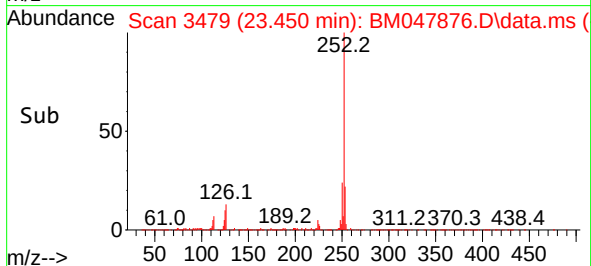
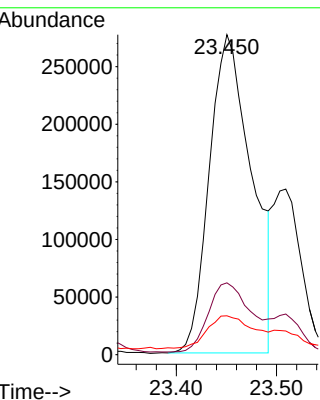
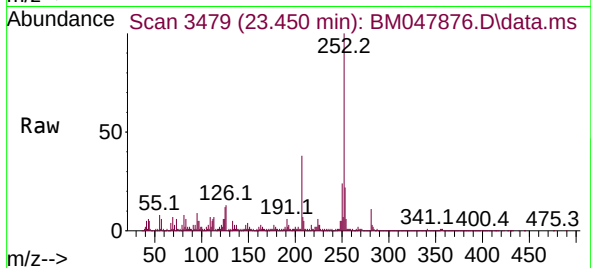
125 12.2 9.0 13.4

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.730 ng/ul m

RT: 23.509 min Scan# 3489

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

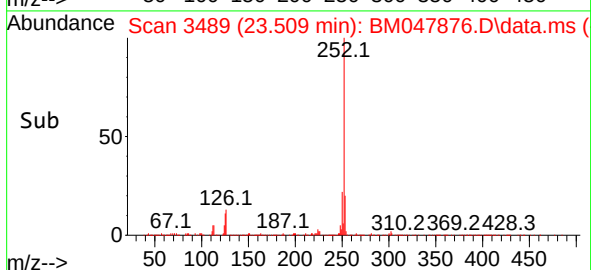
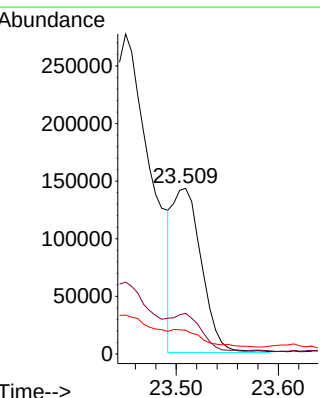
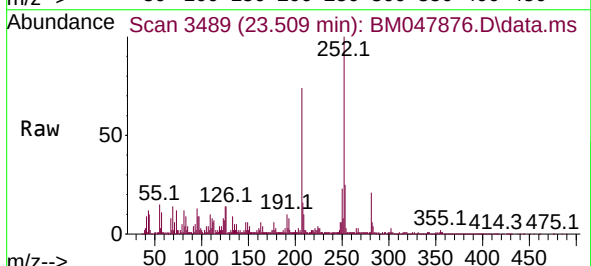
Tgt Ion:252 Resp: 278730

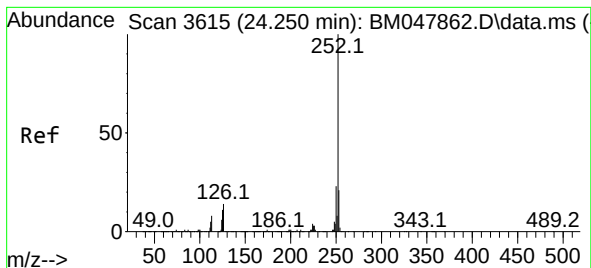
Ion Ratio Lower Upper

252 100

253 24.5 17.5 26.3

125 14.3 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 2.369 ng/ul

RT: 24.256 min Scan# 30

Delta R.T. 0.000 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

Instrument :

BNA_M

ClientSampleId :

A4EH2

Tgt Ion:252 Resp: 22466

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

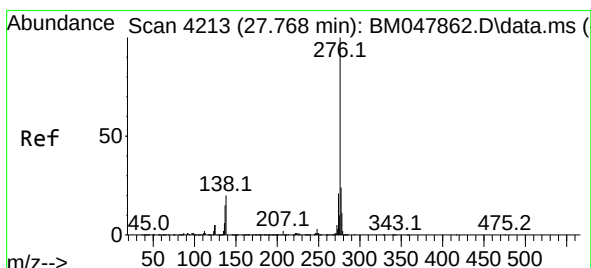
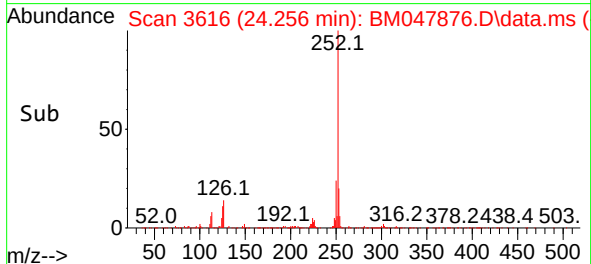
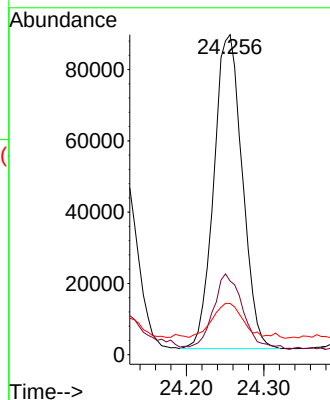
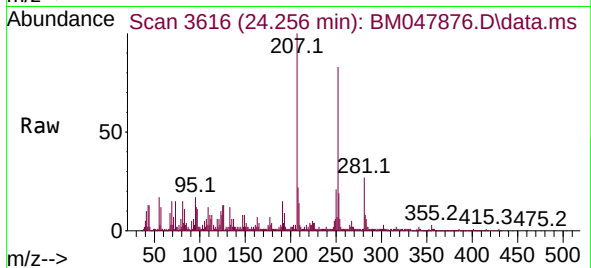
125 16.0 10.1 15.1

Manual Integrations

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Supervised By :mohammad ahmed 10/06/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.967 ng/ul

RT: 27.774 min Scan# 4214

Delta R.T. -0.006 min

Lab File: BM047876.D

Acq: 05 Oct 2024 14:05

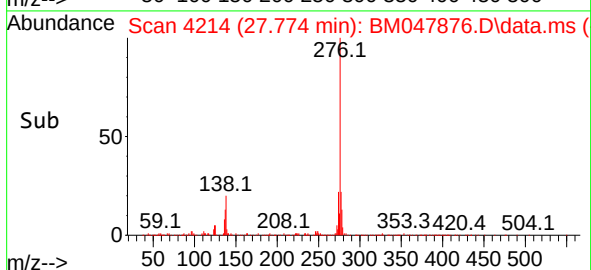
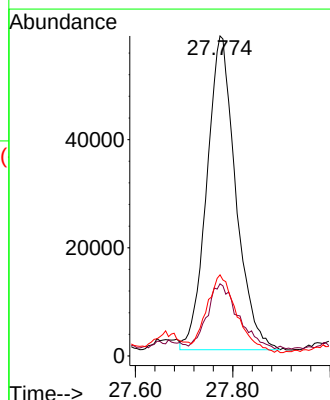
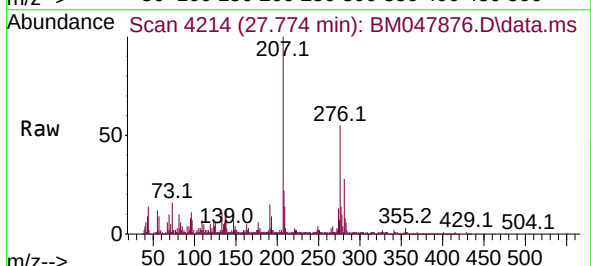
Tgt Ion:276 Resp: 239117

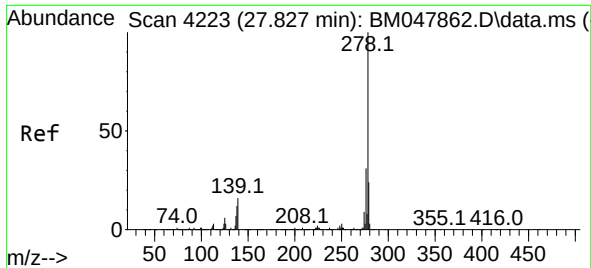
Ion Ratio Lower Upper

276 100

138 22.5 16.9 25.3

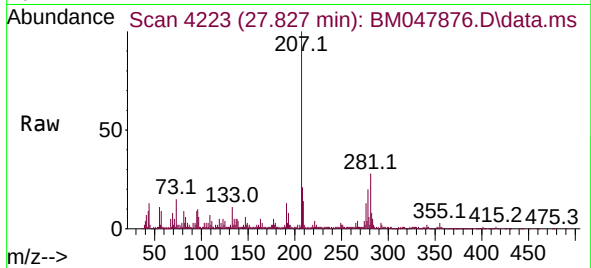
277 25.3 18.9 28.3





#95
 Dibenzo(a,h)anthracene
 Concen: 1.006 ng/ul
 RT: 27.827 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM047876.D
 Acq: 05 Oct 2024 14:05

Instrument :
 BNA_M
 ClientSampleId :
 A4EH2



Tgt Ion:278 Resp: 100245
 Ion Ratio Lower Upper
 278 100
 139 21.8 13.4 20.2
 279 27.7 18.4 27.6

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