

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047935.D
 Acq On : 09 Oct 2024 06:15
 Operator : RC/JU
 Sample : P4183-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EM3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 06:56:39 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	7.792	152	236020	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	963579	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.427	164	602185	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1222365	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1074530	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1218872	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	11020	1.509	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	6.963	99	294243	13.184	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	192847	12.177	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	264413	16.284	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	237675	14.324	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	129457	16.874	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	138647	18.858	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	244539	16.650	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	231807	10.209	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	708990	16.239	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	851542	16.450	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	70741	8.138	ng/u1	0.00
60) Fluorene-d10	15.421	176	652835	17.263	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	56146	7.849	ng/u1	0.00
73) Anthracene-d10	17.268	188	1005005	16.721	ng/u1	0.00
81) Pyrene-d10	19.556	212	1021193	16.745	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	783456	12.389	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.616	105	43101	1.518	ng/u1	91
72) Phenanthrene	17.209	178	611743	8.534	ng/u1	100
74) Anthracene	17.303	178	116636	1.595	ng/u1	98
80) Fluoranthene	19.221	202	1815548	25.277	ng/u1	98
82) Pyrene	19.586	202	1110120	13.887	ng/u1	95
83) Butylbenzylphthalate	20.474	149	37670	1.333	ng/u1	93
85) Benzo(a)anthracene	21.380	228	697649	9.273	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.297	149	247808	5.840	ng/u1	99
87) Chrysene	21.439	228	911985	12.434	ng/u1	97
90) Benzo(b)fluoranthene	23.450	252	1311074	17.248	ng/u1	98
91) Benzo(k)fluoranthene	23.509	252	402177m	5.174	ng/u1	
93) Benzo(a)pyrene	24.256	252	340122	4.711	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.785	276	386152	4.174	ng/u1	96
95) Dibenzo(a,h)anthracene	27.820	278	151592	1.999	ng/u1#	87

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

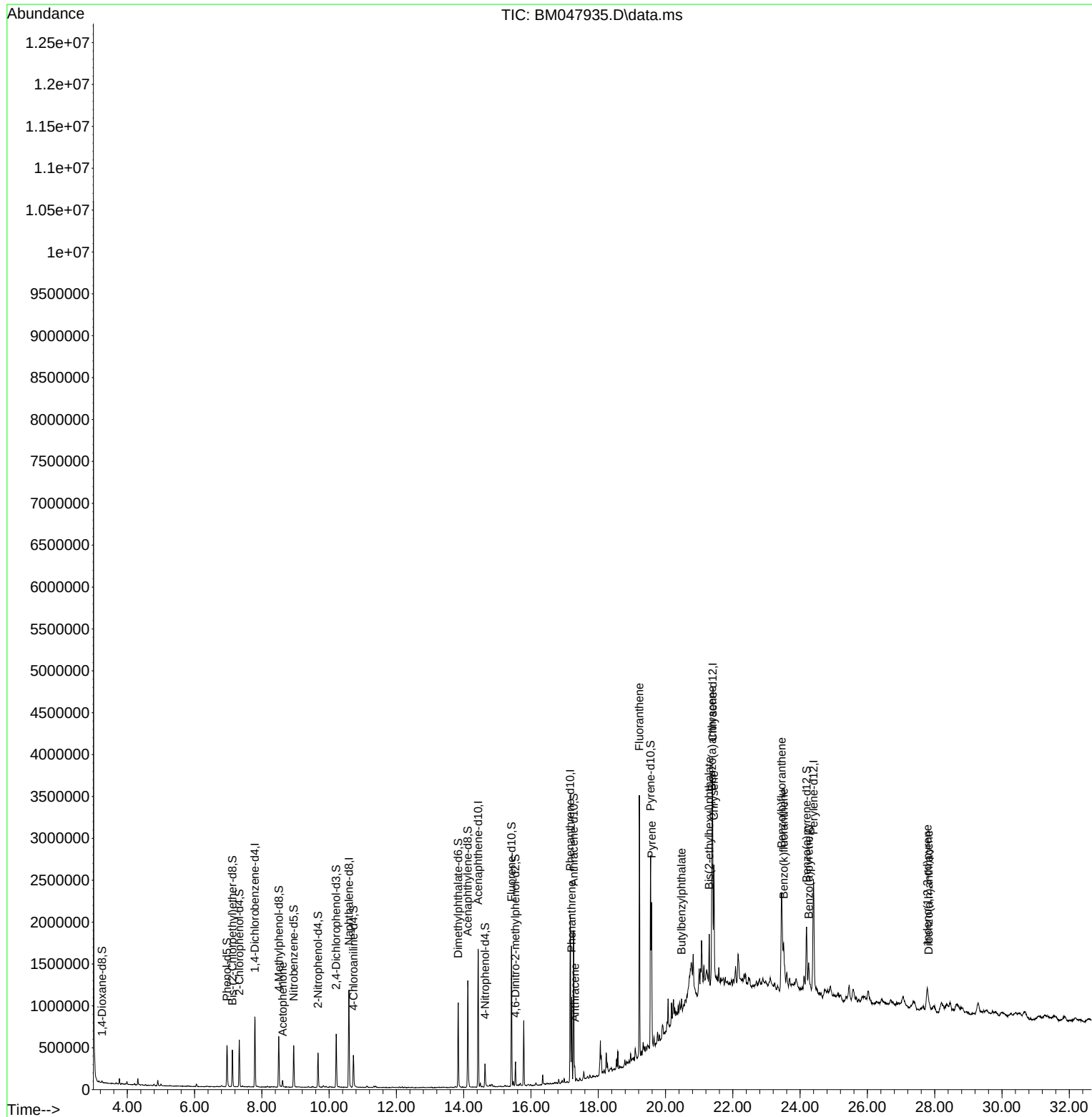
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047935.D
Acq On : 09 Oct 2024 06:15
Operator : RC/JU
Sample : P4183-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

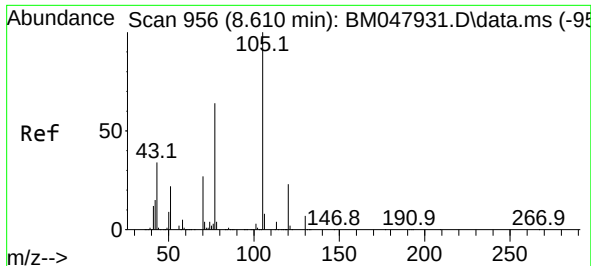
Instrument :
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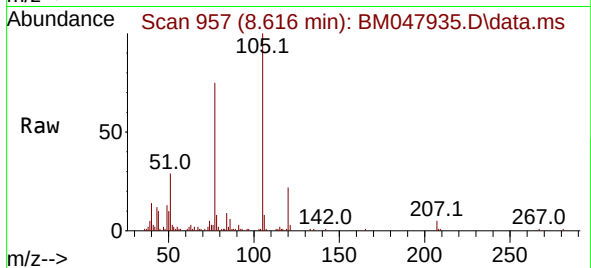
Quant Time: Oct 09 06:56:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.518 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM047935.D
Acq: 09 Oct 2024 06:15

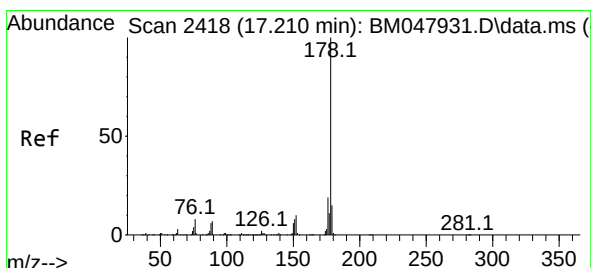
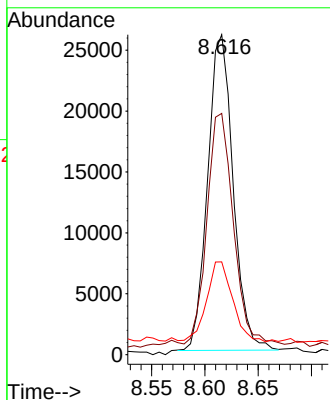
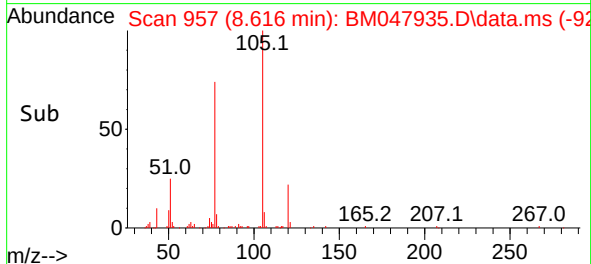
Instrument :
BNA_M
ClientSampleId :
A4EM3



Tgt Ion:105 Resp: 4310
Ion Ratio Lower Upper
105 100
77 75.4 66.6 100.0
51 29.0 27.0 40.4

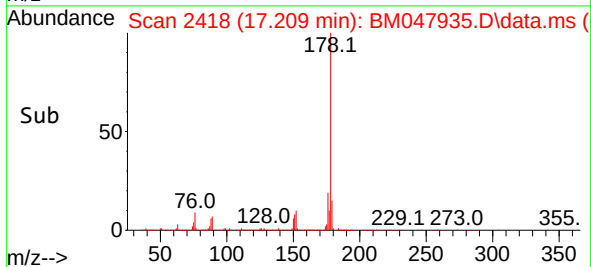
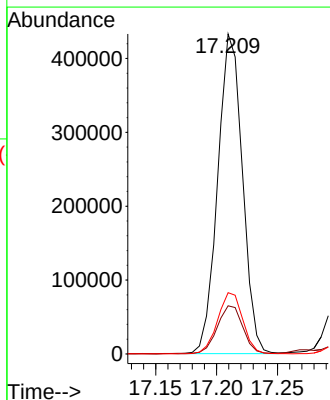
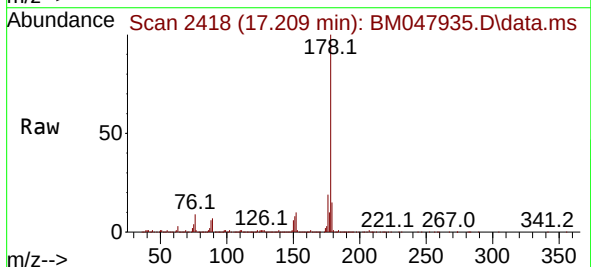
Manual Integrations
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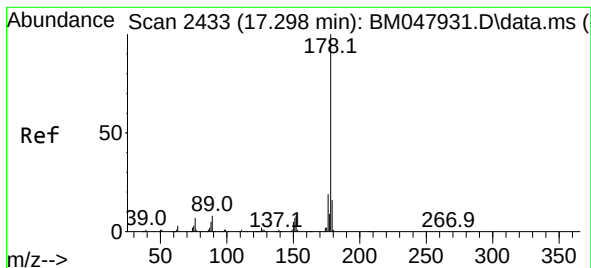
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#72
Phenanthrene
Concen: 8.534 ng/ul
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047935.D
Acq: 09 Oct 2024 06:15

Tgt Ion:178 Resp: 611743
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 19.2 15.4 23.0





#74

Anthracene

Concen: 1.595 ng/u1

RT: 17.303 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BM047935.D

Acq: 09 Oct 2024 06:15

Instrument :

BNA_M

ClientSampleId :

A4EM3

Tgt Ion:178 Resp: 116630

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

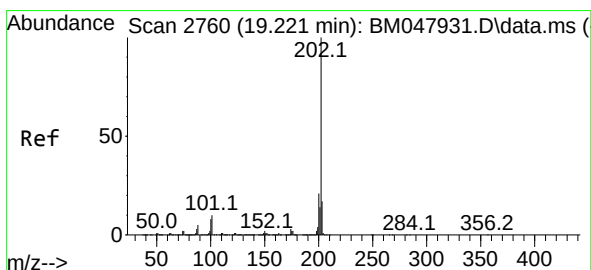
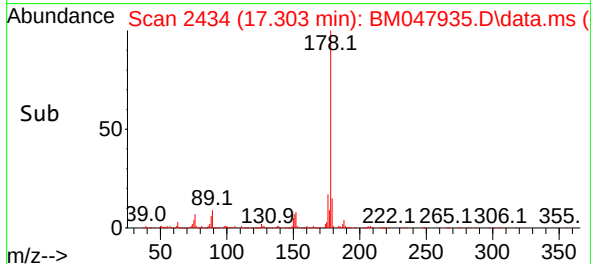
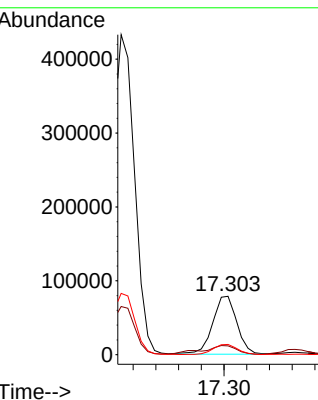
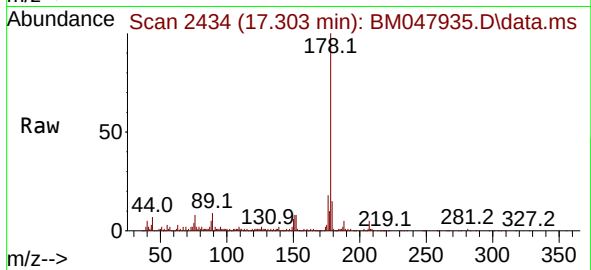
176 17.5 14.7 22.1

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#80

Fluoranthene

Concen: 25.277 ng/u1

RT: 19.221 min Scan# 2760

Delta R.T. -0.006 min

Lab File: BM047935.D

Acq: 09 Oct 2024 06:15

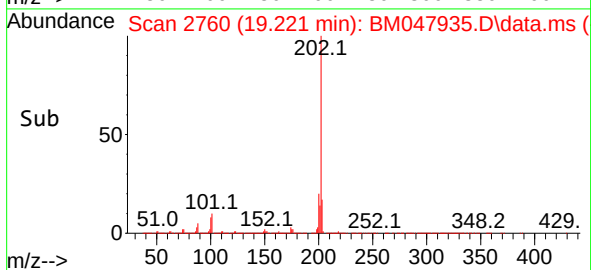
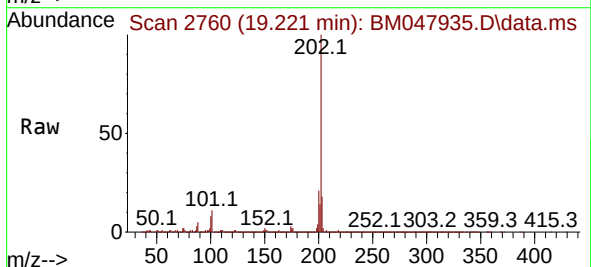
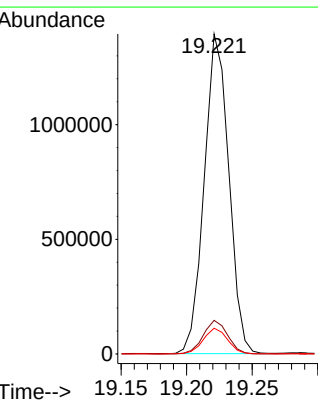
Tgt Ion:202 Resp: 1815548

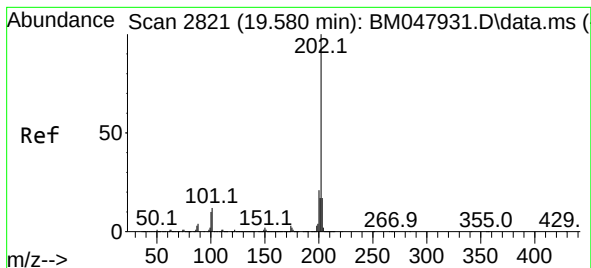
Ion Ratio Lower Upper

202 100

101 10.5 9.0 13.4

100 8.1 6.8 10.2





#82

Pyrene

Concen: 13.887 ng/ul

RT: 19.586 min Scan# 2821

Delta R.T. -0.000 min

Lab File: BM047935.D

Acq: 09 Oct 2024 06:15

Instrument :

BNA_M

ClientSampleId :

A4EM3

Tgt Ion:202 Resp: 1110120

Ion Ratio Lower Upper

202 100

101 11.7 10.9 16.3

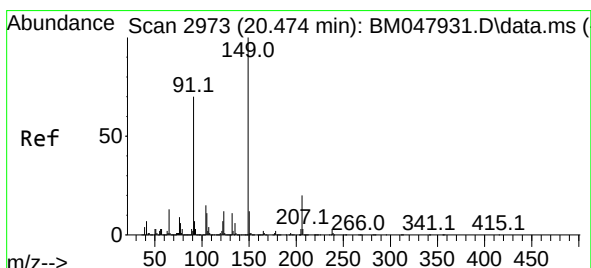
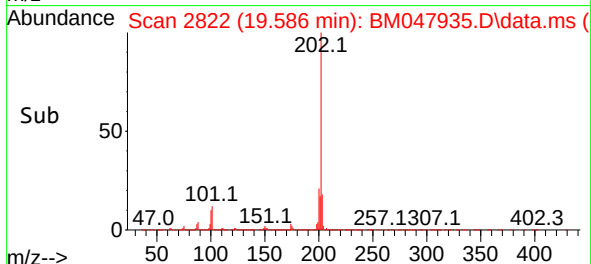
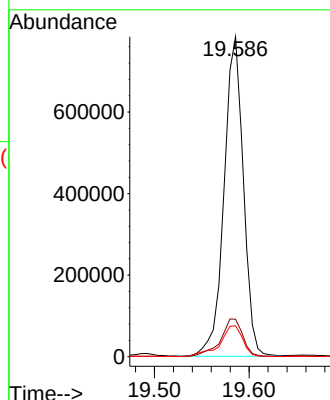
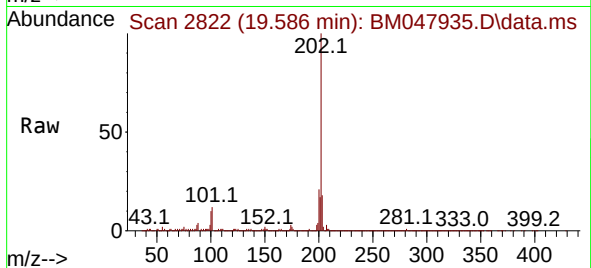
100 9.6 9.4 14.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024



#83

Butylbenzylphthalate

Concen: 1.333 ng/ul

RT: 20.474 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BM047935.D

Acq: 09 Oct 2024 06:15

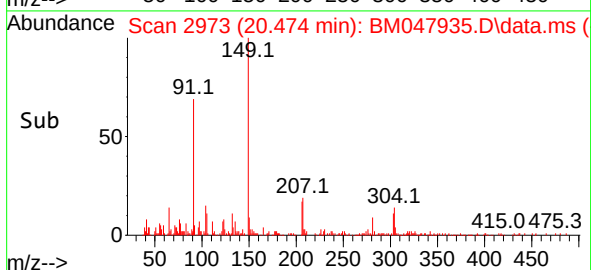
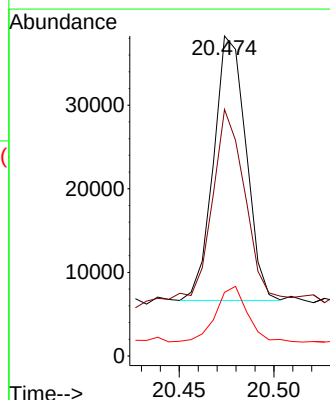
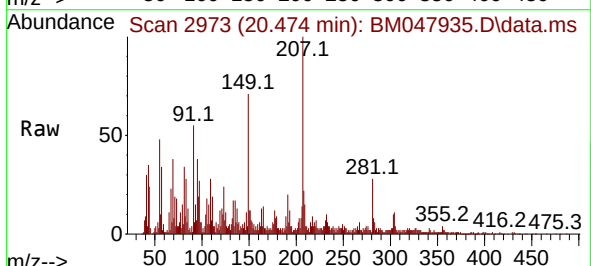
Tgt Ion:149 Resp: 37670

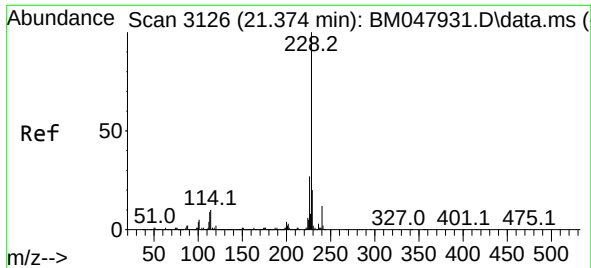
Ion Ratio Lower Upper

149 100

91 77.0 66.9 100.3

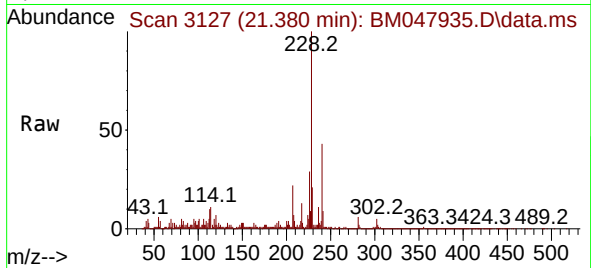
206 19.9 14.4 21.6





#85
Benzo(a)anthracene
Concen: 9.273 ng/ul
RT: 21.380 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BM047935.D
Acq: 09 Oct 2024 06:15

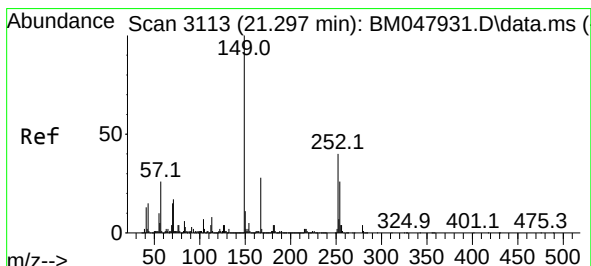
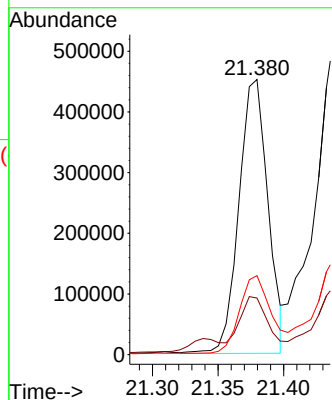
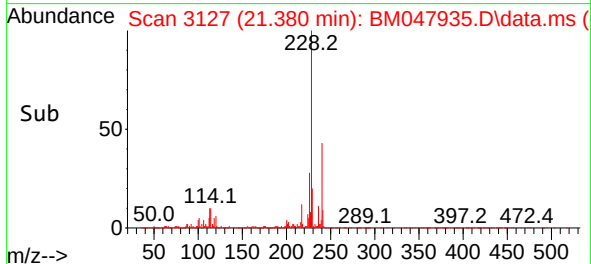
Instrument :
BNA_M
ClientSampleId :
A4EM3



Tgt Ion:228 Resp: 697649
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 28.8 21.9 32.9

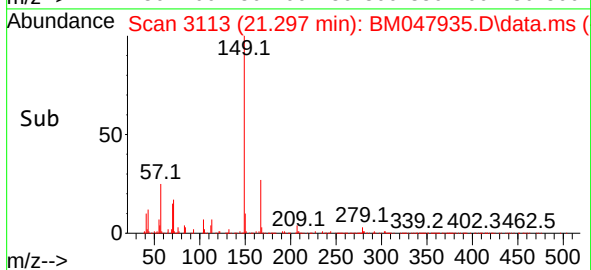
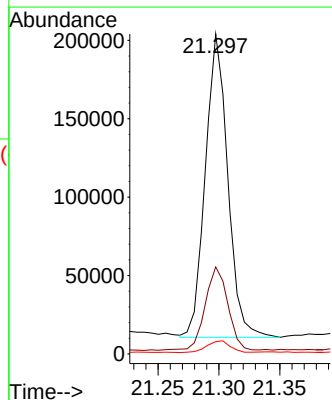
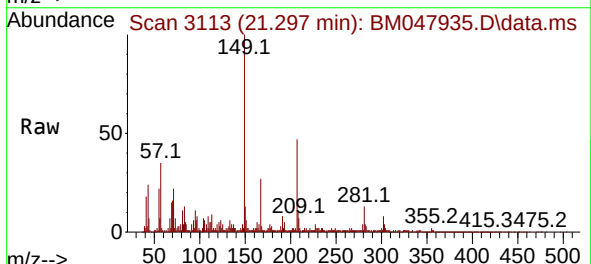
Manual Integrations
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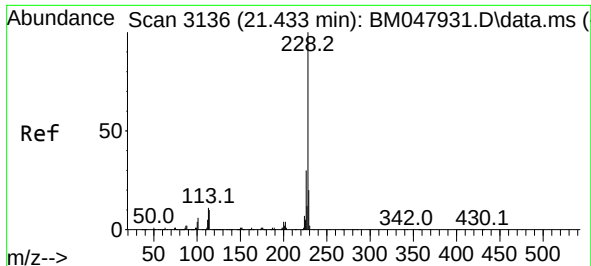
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.840 ng/ul
RT: 21.297 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM047935.D
Acq: 09 Oct 2024 06:15

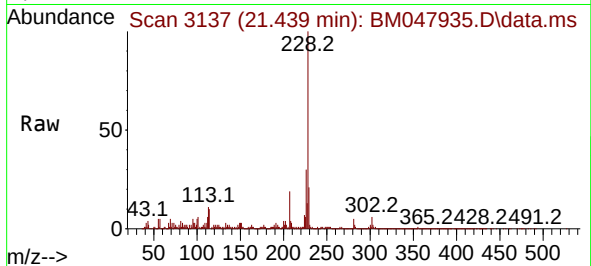
Tgt Ion:149 Resp: 247808
Ion Ratio Lower Upper
149 100
167 27.2 21.3 31.9
279 3.9 2.7 4.1





#87
Chrysene
Concen: 12.434 ng/uI
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047935.D
Acq: 09 Oct 2024 06:15

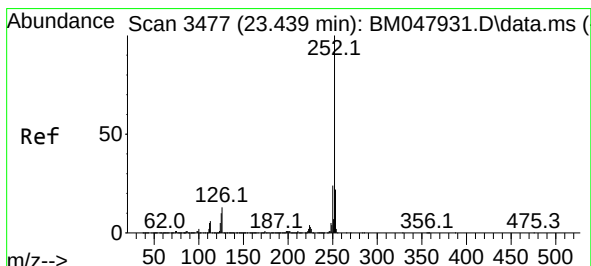
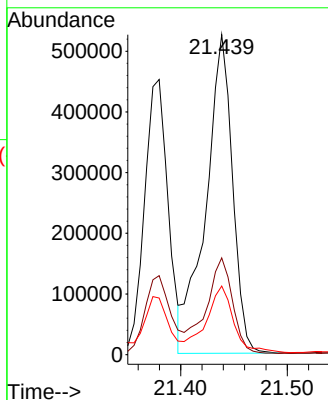
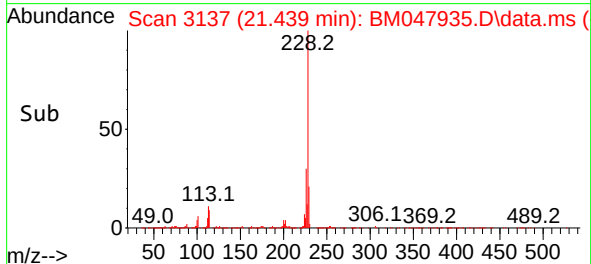
Instrument :
BNA_M
ClientSampleId :
A4EM3



Tgt Ion:228 Resp: 911985
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.5 15.3 22.9

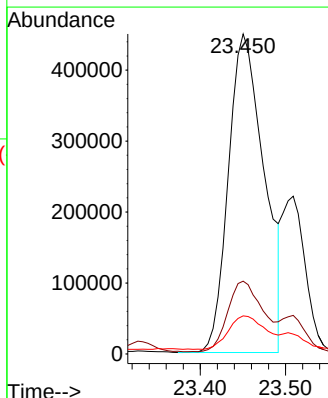
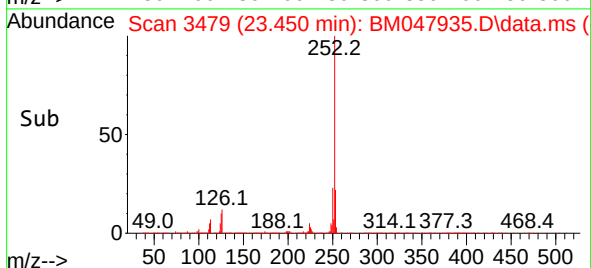
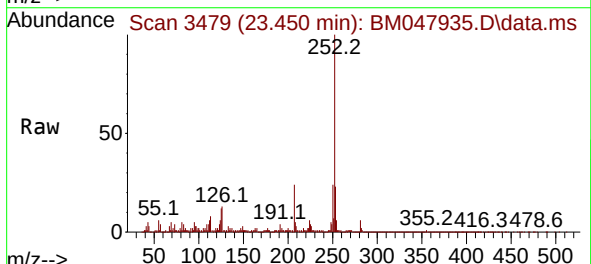
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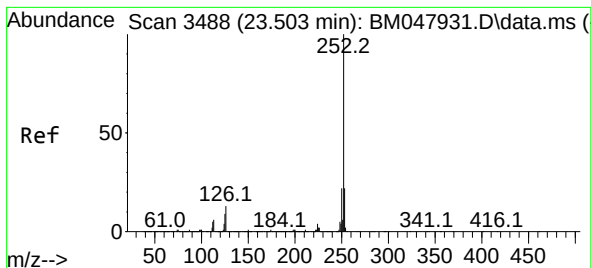
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#90
Benzo(b)fluoranthene
Concen: 17.248 ng/uI
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM047935.D
Acq: 09 Oct 2024 06:15

Tgt Ion:252 Resp: 1311074
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.9 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 5.174 ng/ul m

RT: 23.509 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM047935.D

Acq: 09 Oct 2024 06:15

Instrument :

BNA_M

ClientSampleId :

A4EM3

Tgt Ion:252 Resp: 40217

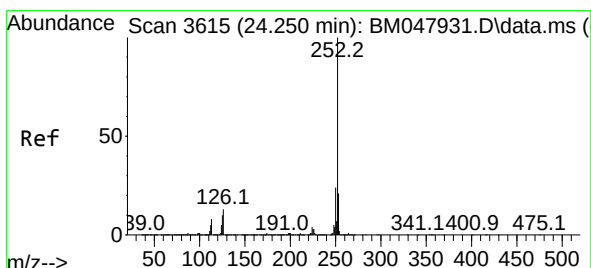
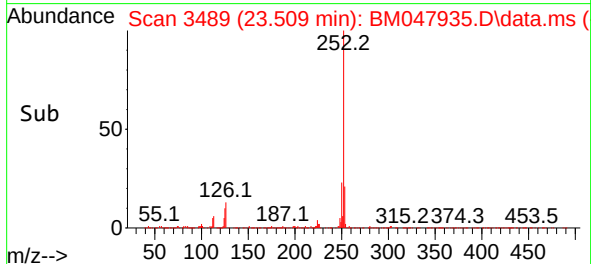
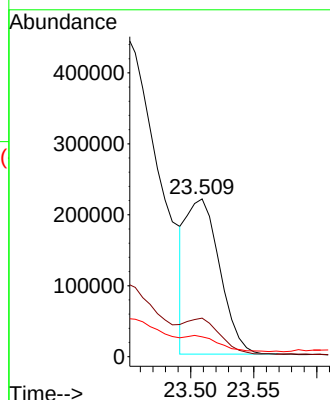
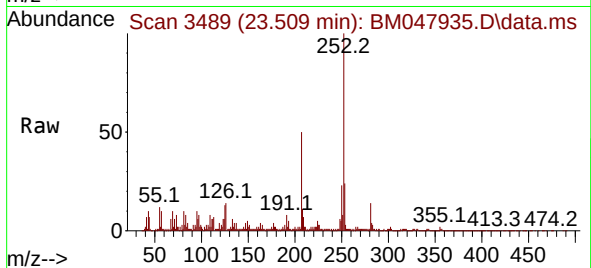
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	12.6	8.9	13.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/11/2024



#93

Benzo(a)pyrene

Concen: 4.711 ng/ul

RT: 24.256 min Scan# 3616

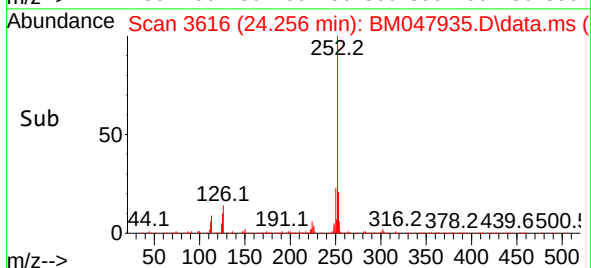
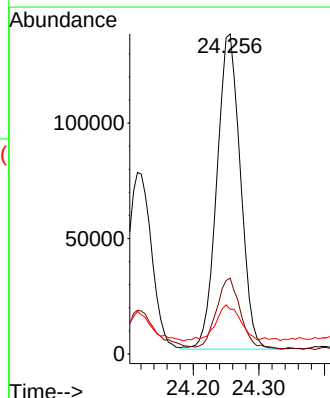
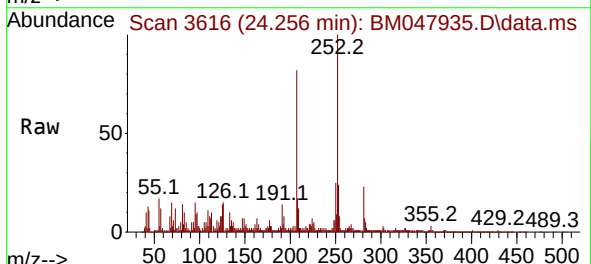
Delta R.T. -0.000 min

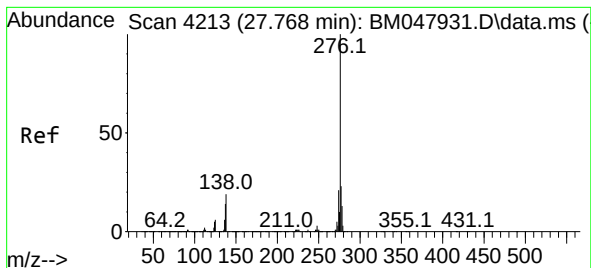
Lab File: BM047935.D

Acq: 09 Oct 2024 06:15

Tgt Ion:252 Resp: 340122

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	14.0	10.1	15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.174 ng/ul

RT: 27.785 min Scan# 4213

Delta R.T. 0.006 min

Lab File: BM047935.D

Acq: 09 Oct 2024 06:15

Instrument :

BNA_M

ClientSampleId :

A4EM3

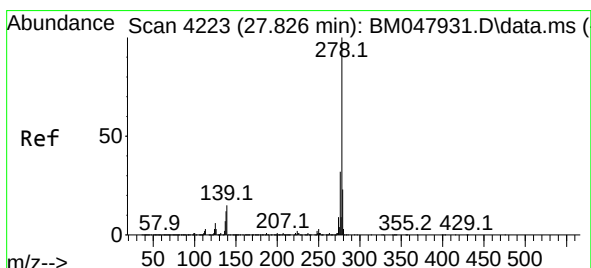
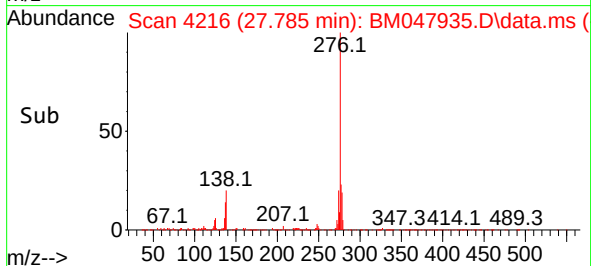
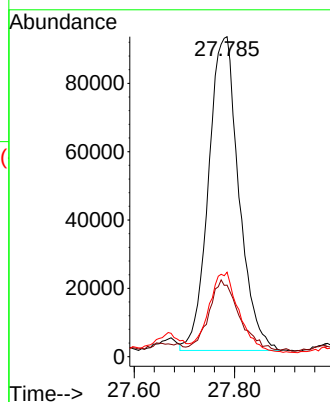
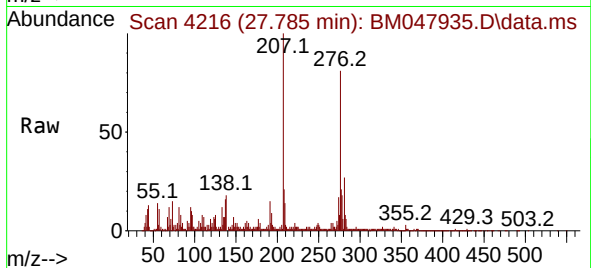
Tgt Ion:	276	Resp:	38615
Ion Ratio	Lower	Upper	
276	100		
138	22.3	16.9	25.3
277	26.4	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.999 ng/ul

RT: 27.820 min Scan# 4222

Delta R.T. -0.018 min

Lab File: BM047935.D

Acq: 09 Oct 2024 06:15

Tgt Ion:	278	Resp:	151592
Ion Ratio	Lower	Upper	
278	100		
139	20.3	13.4	20.2#
279	30.8	18.4	27.6#

