

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047885.D
 Acq On : 07 Oct 2024 15:47
 Operator : RC/JU
 Sample : P4083-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EG9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 07 16:34:21 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	230541	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	910051	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	561979	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1163233	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1104168	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1258349	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7150	1.002	ng/uL	0.00
4) Pyridine-d5	3.681	84	18631	0.892	ng/u1	0.02
7) Phenol-d5	6.963	99	131525	6.033	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	93073	6.017	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	117920	7.435	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	65550	4.044	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	57674	7.960	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	57087	8.221	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	117974	8.505	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	49373	2.302	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	385608	9.464	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	439192	9.091	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	33939	4.184	ng/u1	0.00
60) Fluorene-d10	15.422	176	355867	10.084	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	29442	4.325	ng/u1	0.00
73) Anthracene-d10	17.268	188	528549	9.241	ng/u1	0.00
81) Pyrene-d10	19.557	212	524853	8.375	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.192	264	353484	5.414	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.616	105	63133	2.276	ng/u1	93
72) Phenanthrene	17.210	178	416859	6.111	ng/u1	99
74) Anthracene	17.304	178	81806	1.176	ng/u1	98
80) Fluoranthene	19.221	202	1065770	14.440	ng/u1	99
82) Pyrene	19.586	202	672500	8.187	ng/u1	95
85) Benzo(a)anthracene	21.380	228	485724	6.283	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.303	149	237355m	5.444	ng/u1	
87) Chrysene	21.439	228	559086	7.418	ng/u1	97
90) Benzo(b)fluoranthene	23.450	252	754432	9.614	ng/u1	99
91) Benzo(k)fluoranthene	23.509	252	259605m	3.235	ng/u1	
93) Benzo(a)pyrene	24.250	252	203637	2.732	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.774	276	212174	2.222	ng/u1	94
95) Dibenzo(a,h)anthracene	27.821	278	91508m	1.169	ng/u1	

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

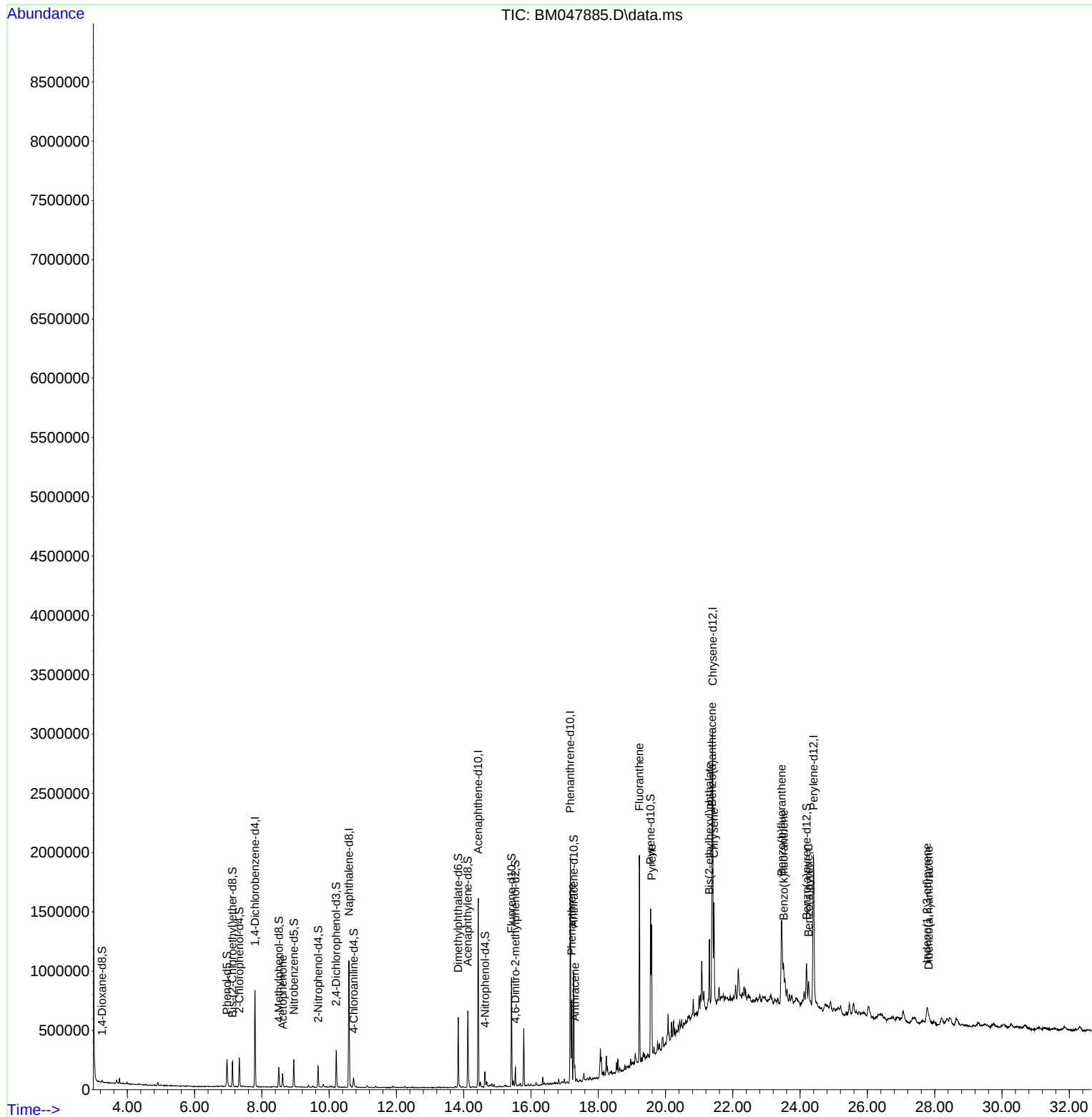
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047885.D
Acq On : 07 Oct 2024 15:47
Operator : RC/JU
Sample : P4083-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

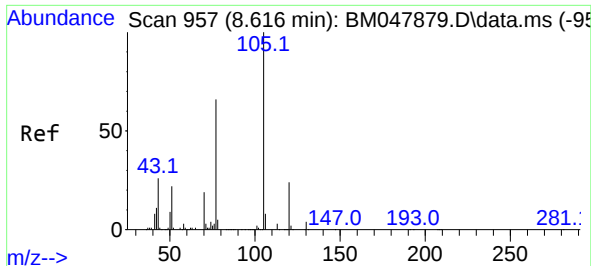
Instrument :
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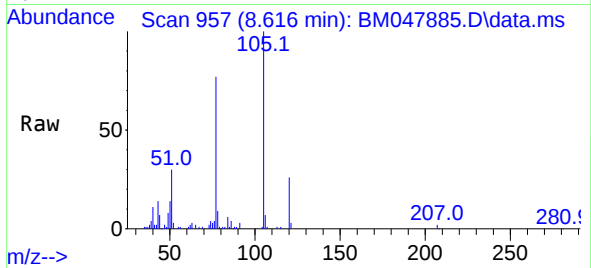
Quant Time: Oct 07 16:34:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.276 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

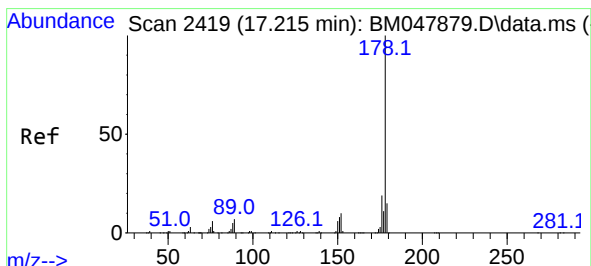
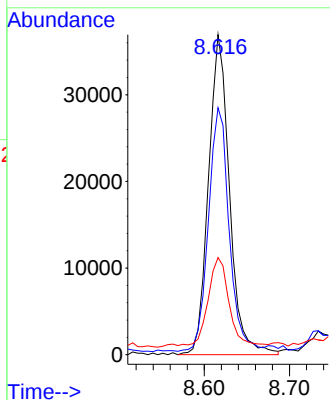
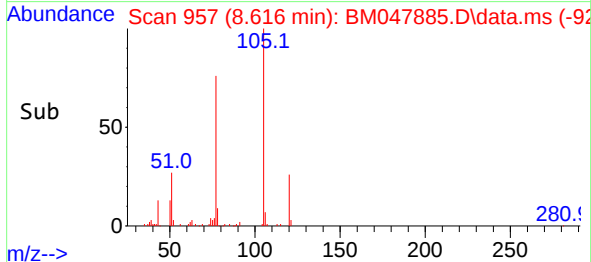
Instrument :
BNA_M
ClientSampleId :
A4EG9



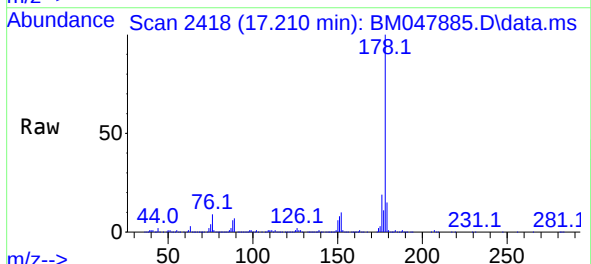
Tgt Ion:105 Resp: 63133
Ion Ratio Lower Upper
105 100
77 77.1 66.6 100.0
51 30.4 27.0 40.4

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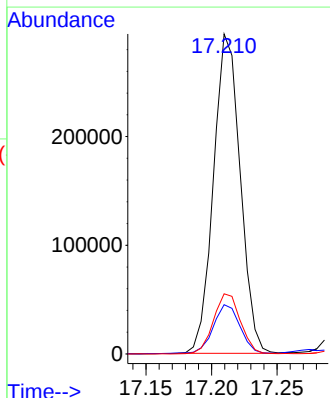
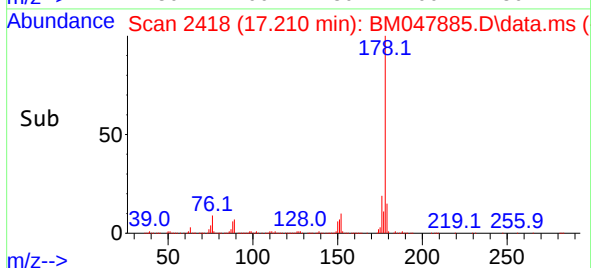
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024

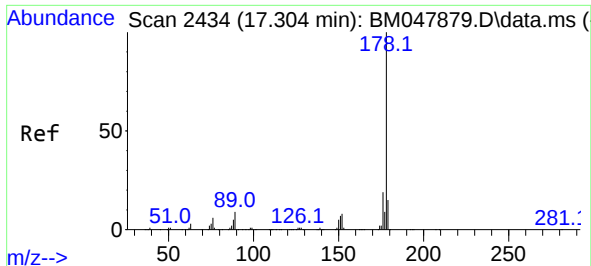


#72
Phenanthrene
Concen: 6.111 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47



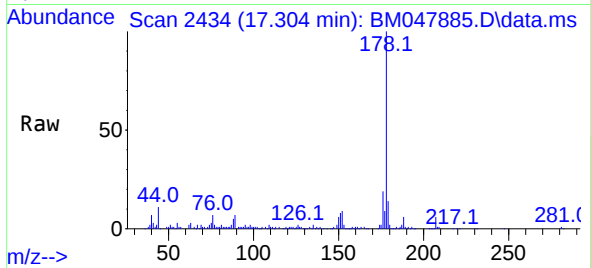
Tgt Ion:178 Resp: 416859
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 18.8 15.4 23.0





#74
Anthracene
Concen: 1.176 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

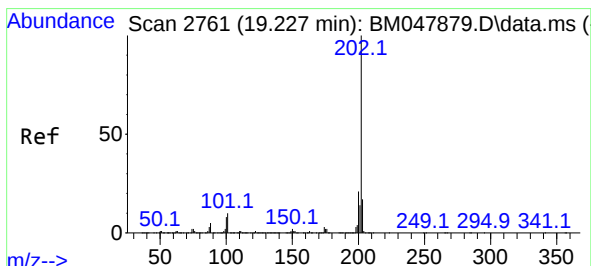
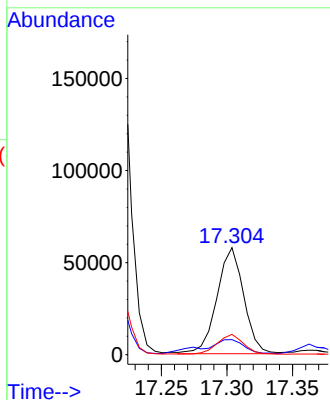
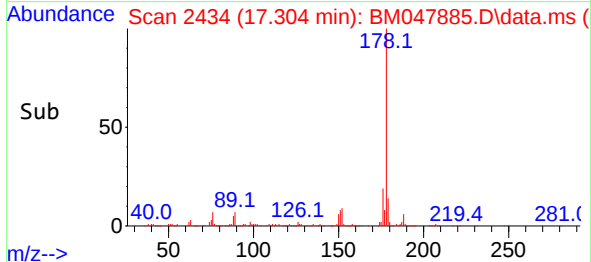
Instrument :
BNA_M
ClientSampleId :
A4EG9



Tgt Ion:178 Resp: 81800
Ion Ratio Lower Upper
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179 14.1 12.4 18.6
176 18.9 14.7 22.1

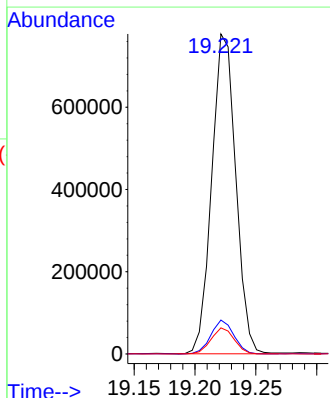
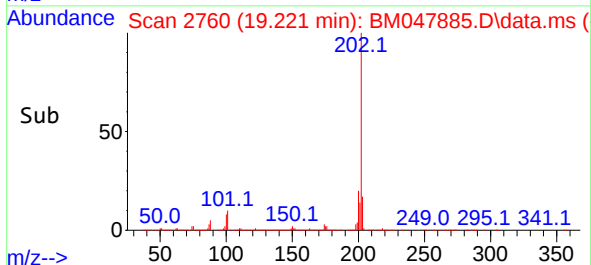
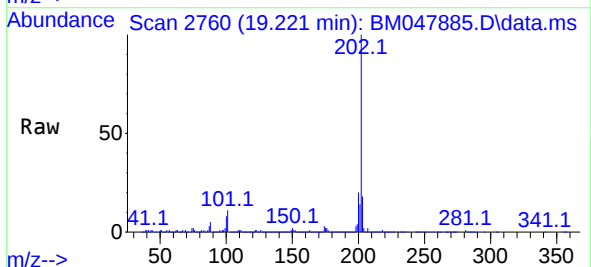
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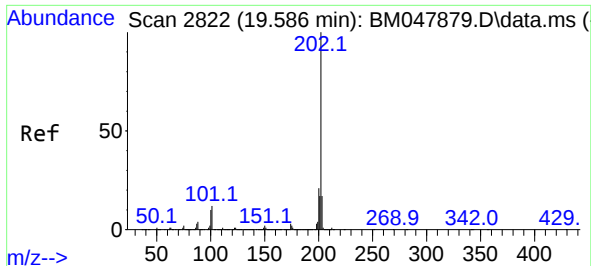
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024



#80
Fluoranthene
Concen: 14.440 ng/ul
RT: 19.221 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

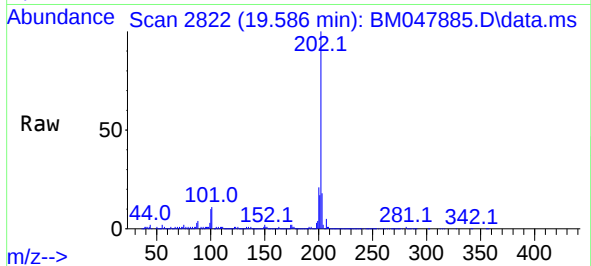
Tgt Ion:202 Resp: 1065770
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.4
100 8.2 6.8 10.2





#82
Pyrene
Concen: 8.187 ng/u1
RT: 19.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

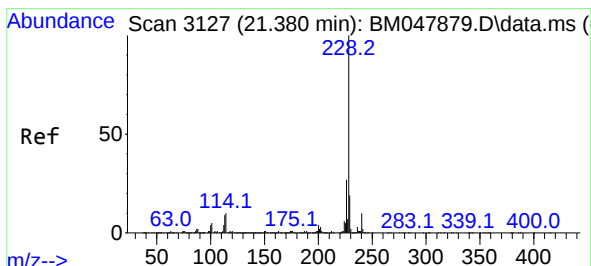
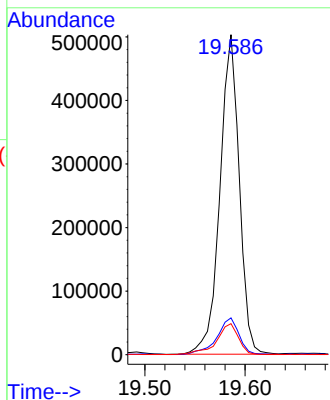
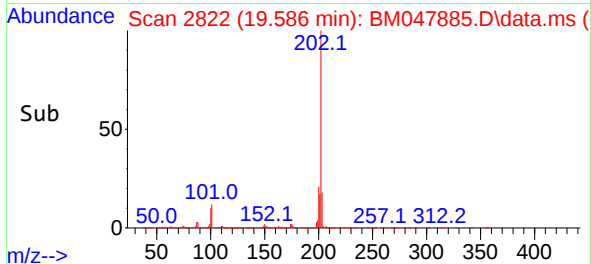
Instrument :
BNA_M
ClientSampleId :
A4EG9



Tgt Ion:202 Resp: 672500
Ion Ratio Lower Upper
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101 11.5 10.9 16.3
100 9.7 9.4 14.2

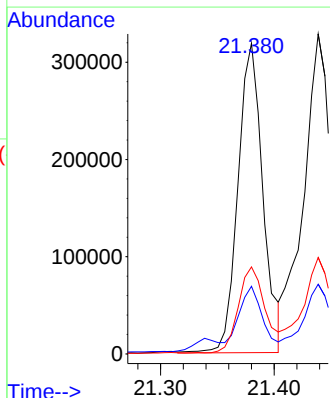
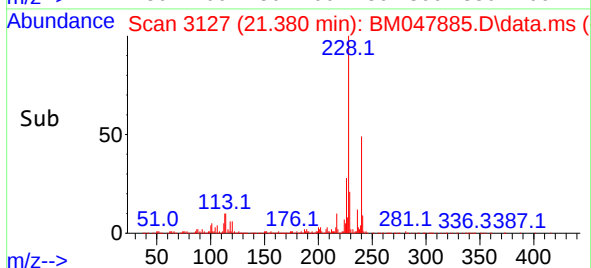
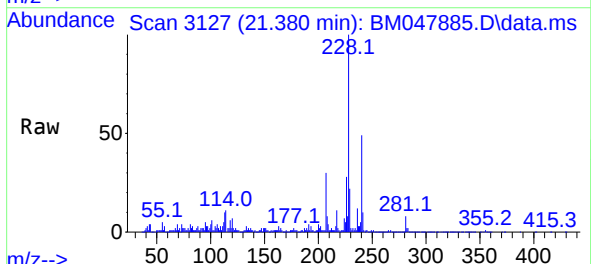
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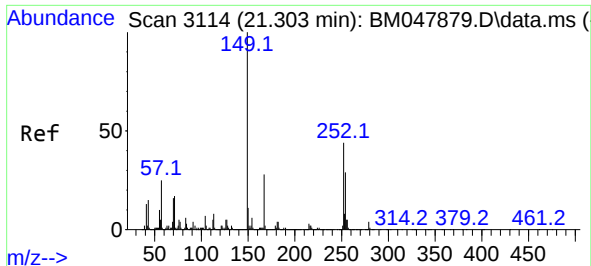
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024



#85
Benzo(a)anthracene
Concen: 6.283 ng/u1
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

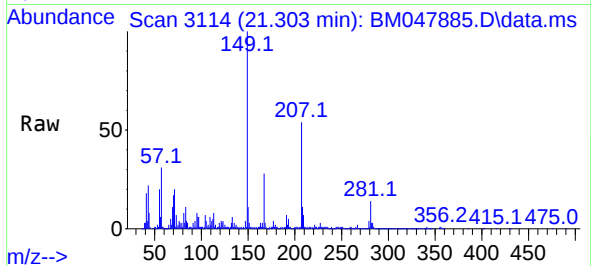
Tgt Ion:228 Resp: 485724
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 28.0 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.444 ng/ul m
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

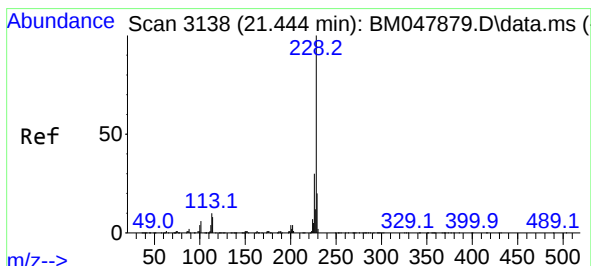
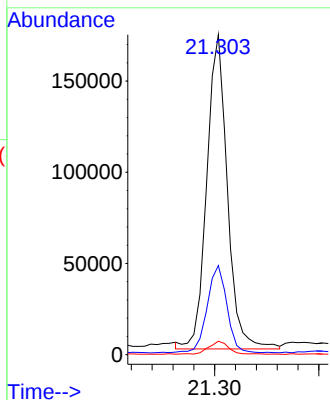
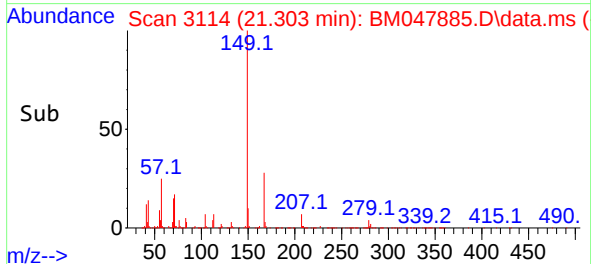
Instrument :
BNA_M
ClientSampleId :
A4EG9



Tgt Ion:149 Resp: 23735
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.2 2.7 4.1

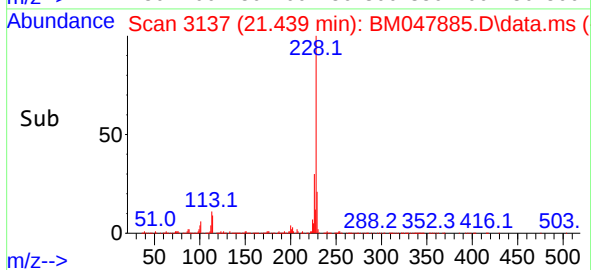
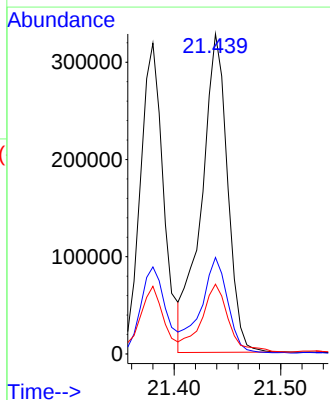
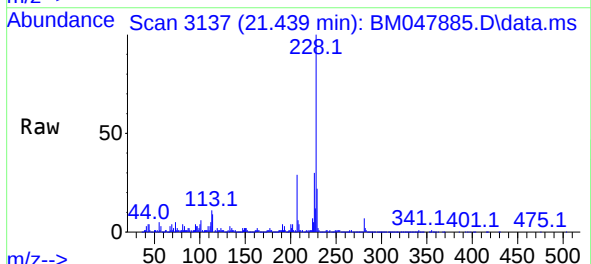
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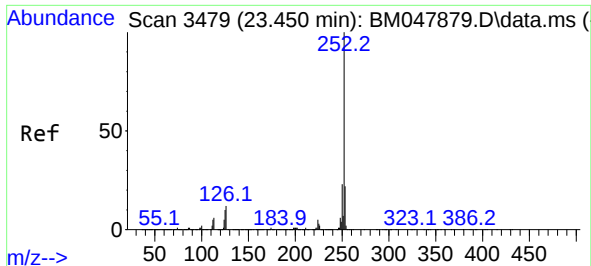
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024



#87
Chrysene
Concen: 7.418 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

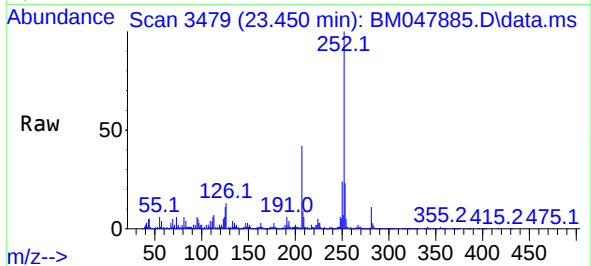
Tgt Ion:228 Resp: 559086
Ion Ratio Lower Upper
228 100
226 30.1 23.6 35.4
229 21.8 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 9.614 ng/ul
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

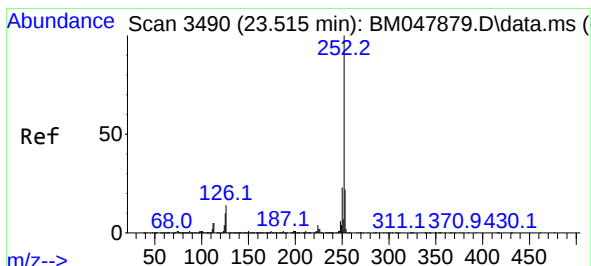
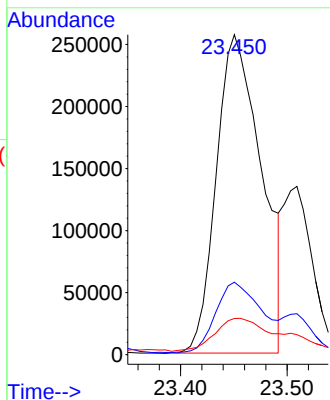
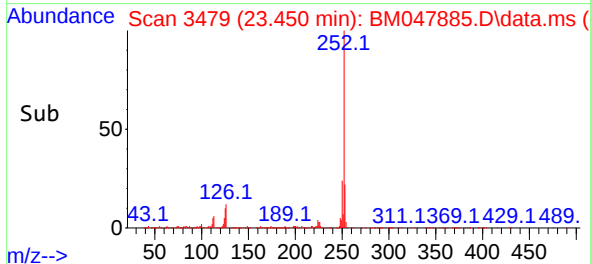
Instrument :
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ClientSampleId :
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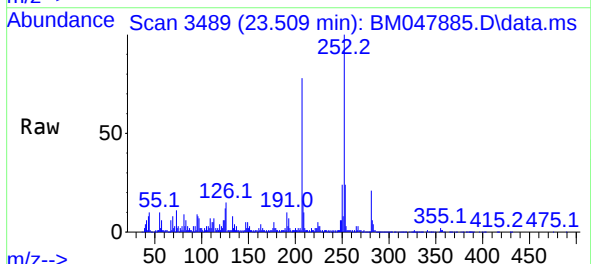
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Ion Ratio Lower Upper
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253 22.6 17.4 26.2
125 11.3 9.0 13.4

Manual Integrations
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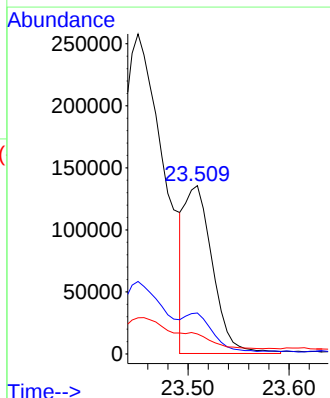
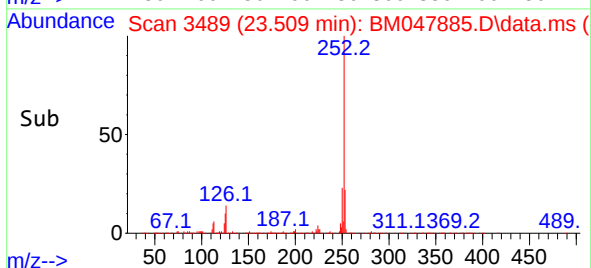
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024

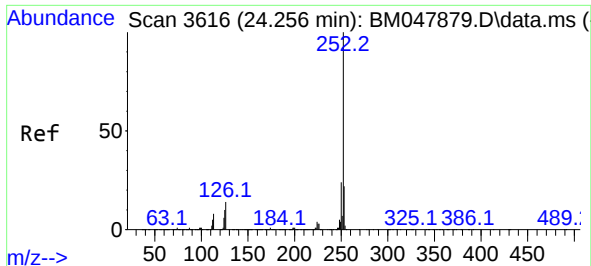


#91
Benzo(k)fluoranthene
Concen: 3.235 ng/ul m
RT: 23.509 min Scan# 3489
Delta R.T. 0.000 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47



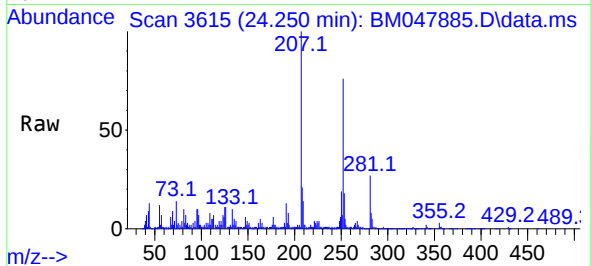
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Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 11.9 8.9 13.3





#93
Benzo(a)pyrene
Concen: 2.732 ng/ul
RT: 24.250 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

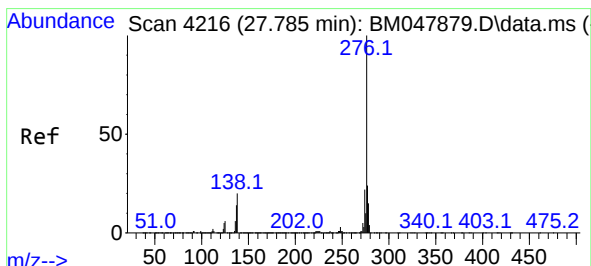
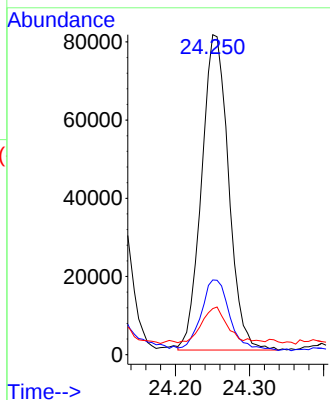
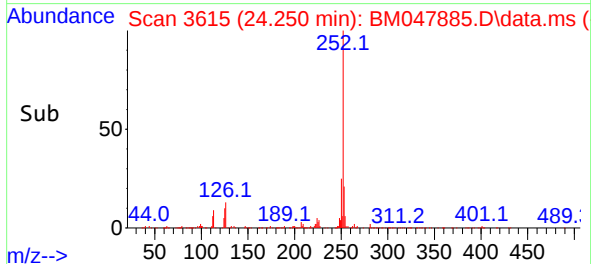
Instrument :
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A4EG9



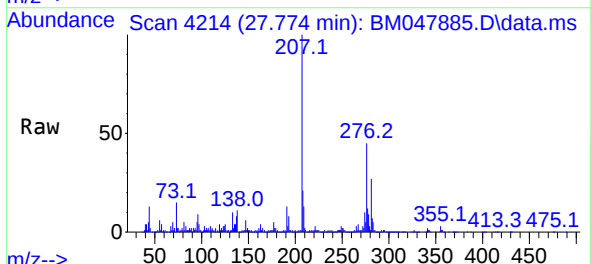
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Ion Ratio Lower Upper
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253 23.4 17.2 25.8
125 14.4 10.1 15.1

Manual Integrations
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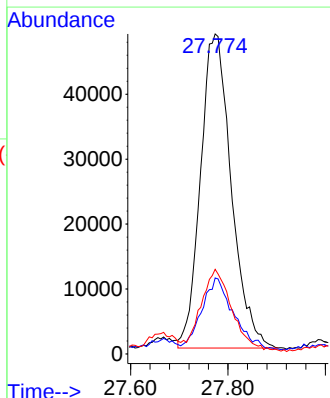
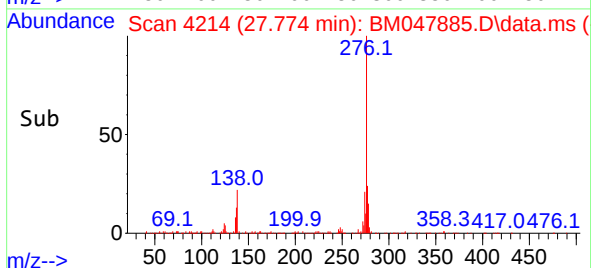
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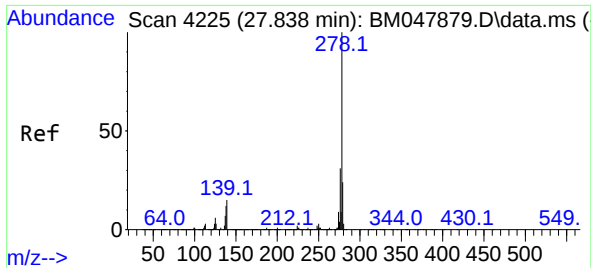


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.222 ng/ul
RT: 27.774 min Scan# 4214
Delta R.T. -0.006 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47



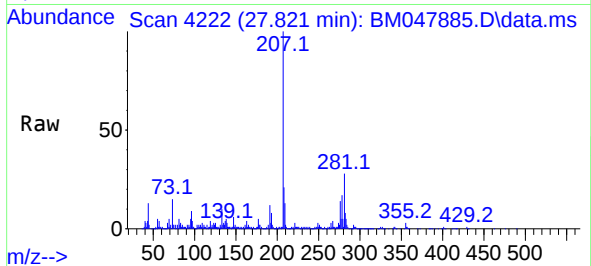
Tgt Ion:276 Resp: 212174
Ion Ratio Lower Upper
276 100
138 23.8 16.9 25.3
277 26.5 18.9 28.3





#95
Dibenzo(a,h)anthracene
Concen: 1.169 ng/ul m
RT: 27.821 min Scan# 4222
Delta R.T. -0.017 min
Lab File: BM047885.D
Acq: 07 Oct 2024 15:47

Instrument :
BNA_M
ClientSampleId :
A4EG9



Tgt Ion:278 Resp: 91508
Ion Ratio Lower Upper
278 100
139 18.2 13.4 20.2
279 29.0 18.4 27.6

Manual Integrations
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Supervised By :mohammad ahmed 10/11/2024

