

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047904.D
 Acq On : 08 Oct 2024 04:57
 Operator : RC/JU
 Sample : P4131-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY2

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 05:32:32 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	315817	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	1277386	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.427	164	785870	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1583284	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1496025	20.000	ng/u1	0.00
88) Perylene-d12	24.392	264	1684444	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	22557	2.308	ng/uL	0.00
4) Pyridine-d5	3.663	84	299063	10.451	ng/u1	0.00
7) Phenol-d5	6.963	99	412658	13.818	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	245862	11.602	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	342503	15.764	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	330417	14.881	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	153650	15.107	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	173255	17.776	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	332131	17.059	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	385719	12.814	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	960496	16.858	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	1129166	16.715	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	121983	10.753	ng/u1	0.00
60) Fluorene-d10	15.421	176	864297	17.513	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	82032	8.854	ng/u1	0.00
73) Anthracene-d10	17.268	188	1340127	17.214	ng/u1	0.00
81) Pyrene-d10	19.557	212	1591429	18.743	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	1617116	18.503	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	424855	4.576	ng/u1	99
74) Anthracene	17.304	178	107797	1.138	ng/u1	99
80) Fluoranthene	19.221	202	634522	6.345	ng/u1	97
82) Pyrene	19.580	202	563499	5.063	ng/u1	97
85) Benzo(a)anthracene	21.374	228	276486	2.640	ng/u1	97
87) Chrysene	21.433	228	271567m	2.659	ng/u1	
90) Benzo(b)fluoranthene	23.445	252	325089	3.095	ng/u1	96
93) Benzo(a)pyrene	24.244	252	228746	2.293	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.756	276	147061	1.150	ng/u1	97
96) Benzo(g,h,i)perylene	28.815	276	144574	1.443	ng/u1	97

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

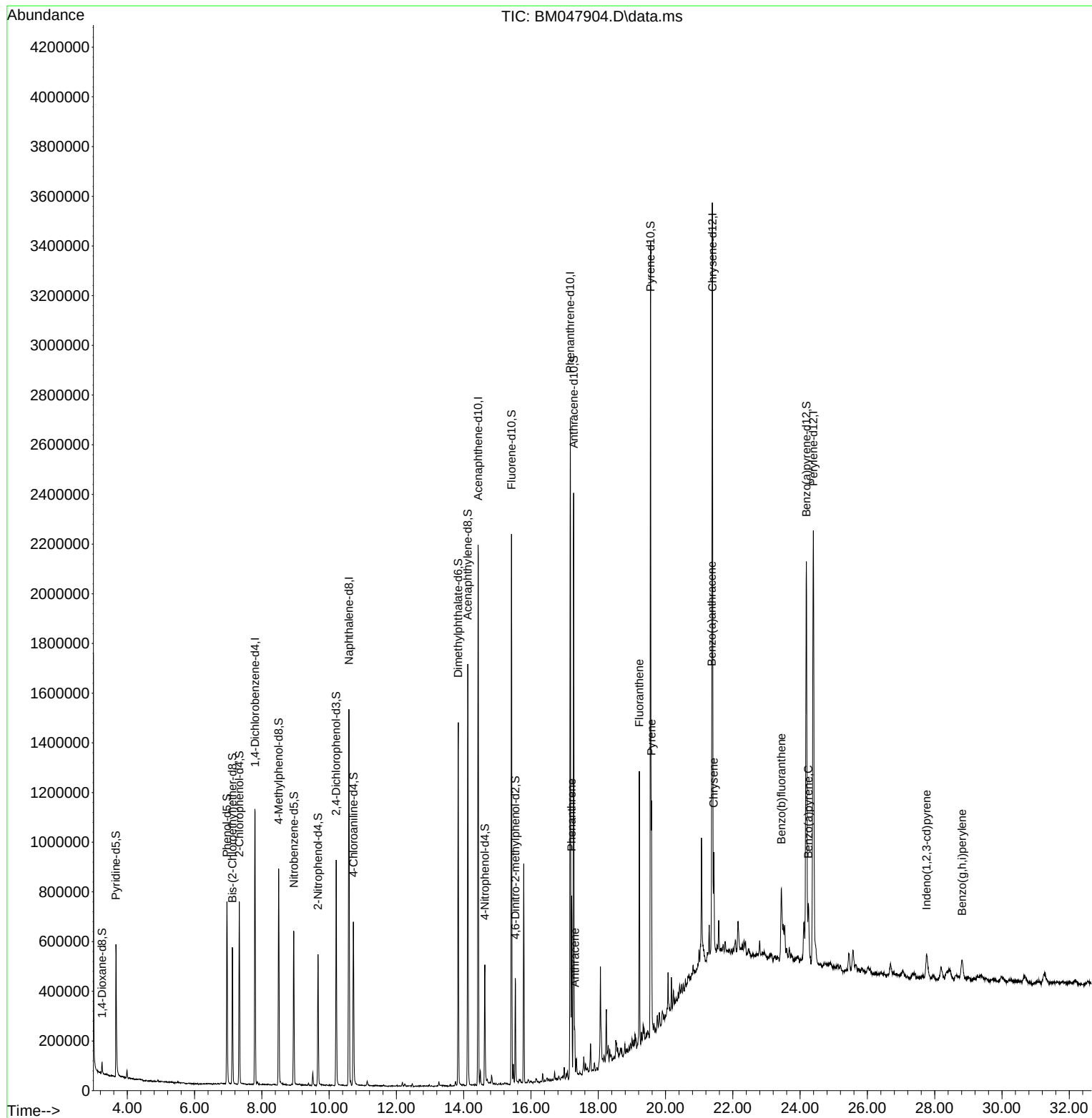
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047904.D
Acq On : 08 Oct 2024 04:57
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Sample : P4131-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

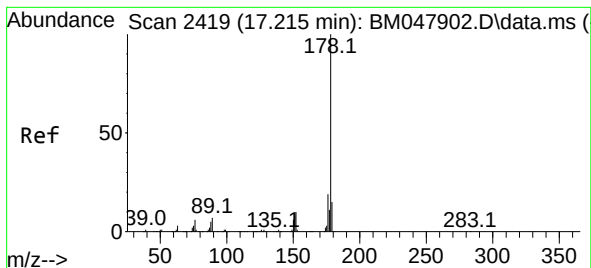
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 4.576 ng/ul

RT: 17.210 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BM047904.D

Acq: 08 Oct 2024 04:57

Instrument :

BNA_M

ClientSampleId :

A4EY2

Tgt Ion:178 Resp: 42485

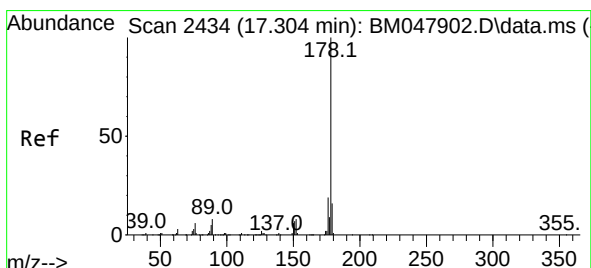
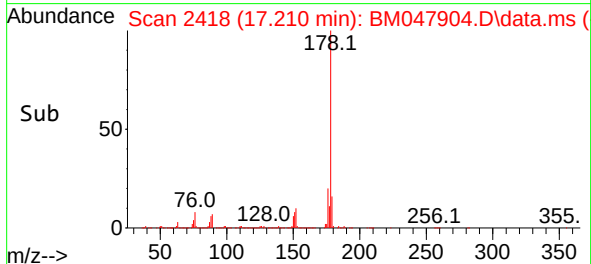
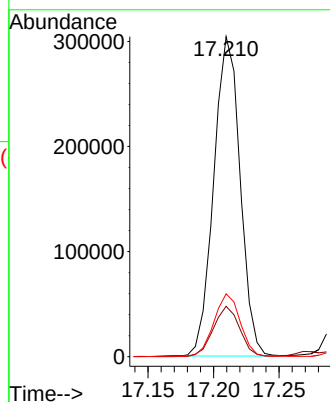
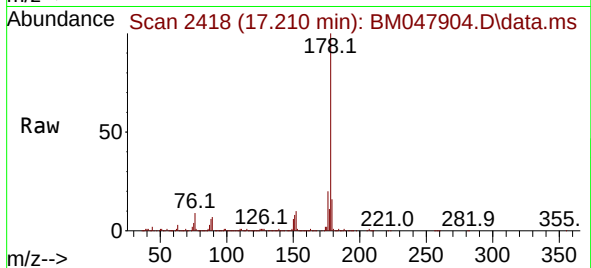
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.0	18.0
176	19.7	15.4	23.0

Manual Integrations

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#74

Anthracene

Concen: 1.138 ng/ul

RT: 17.304 min Scan# 2434

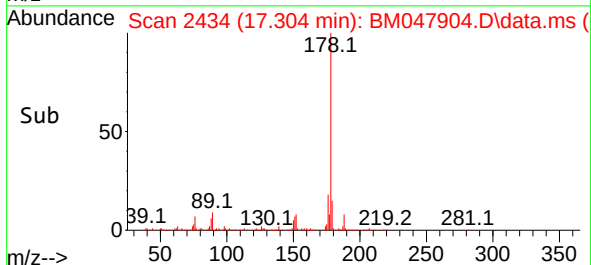
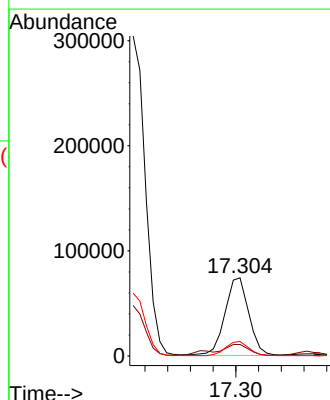
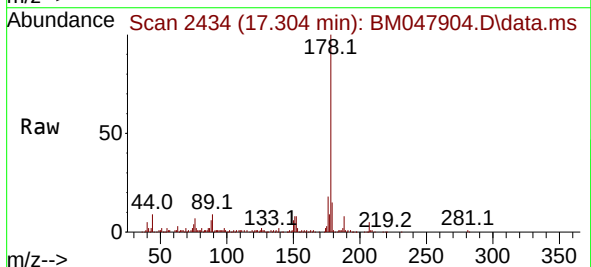
Delta R.T. 0.000 min

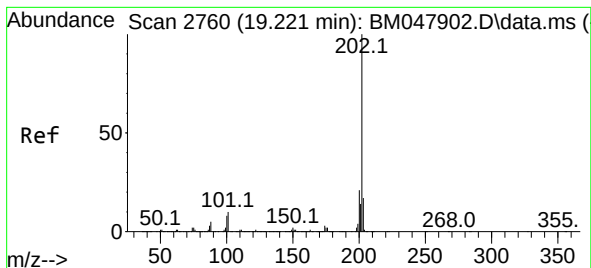
Lab File: BM047904.D

Acq: 08 Oct 2024 04:57

Tgt Ion:178 Resp: 107797

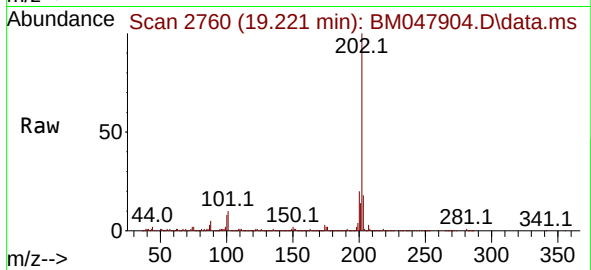
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.4	18.6
176	18.4	14.7	22.1





#80
Fluoranthene
Concen: 6.345 ng/ul
RT: 19.221 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047904.D
Acq: 08 Oct 2024 04:57

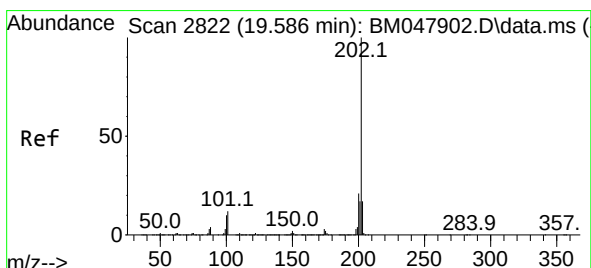
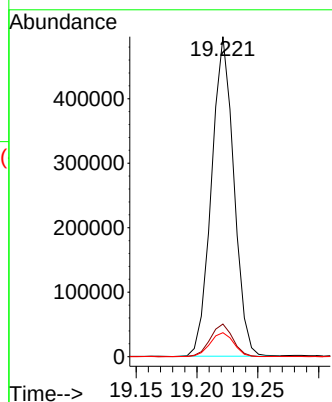
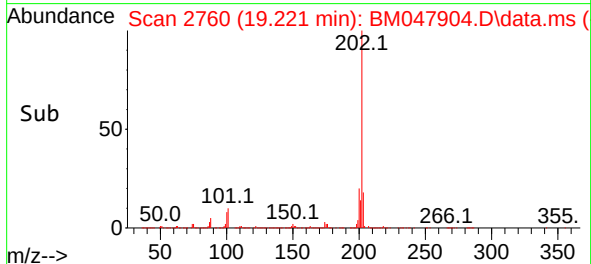
Instrument :
BNA_M
ClientSampleId :
A4EY2



Tgt Ion:202 Resp: 63452
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 7.5 6.8 10.2

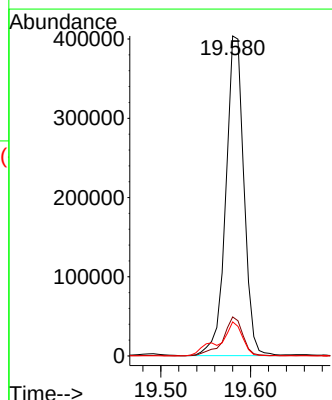
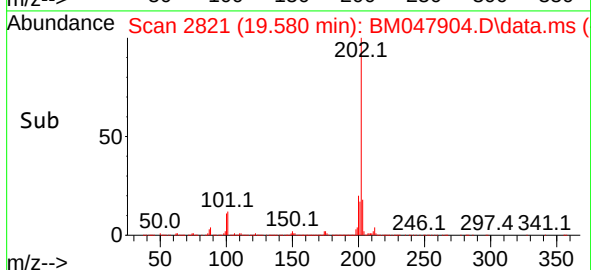
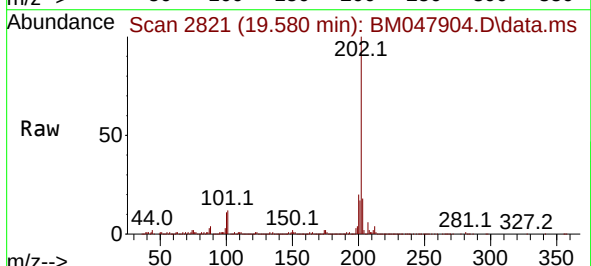
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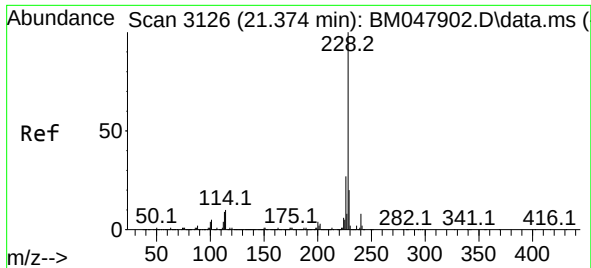
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024



#82
Pyrene
Concen: 5.063 ng/ul
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM047904.D
Acq: 08 Oct 2024 04:57

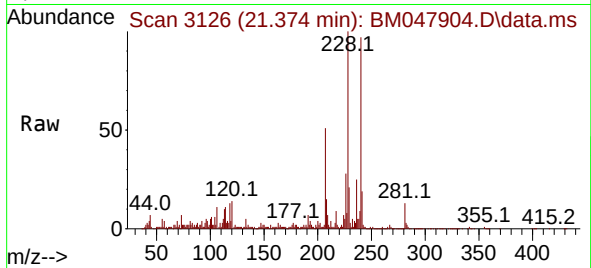
Tgt Ion:202 Resp: 563499
Ion Ratio Lower Upper
202 100
101 12.2 10.9 16.3
100 10.7 9.4 14.2





#85
Benzo(a)anthracene
Concen: 2.640 ng/ul
RT: 21.374 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM047904.D
Acq: 08 Oct 2024 04:57

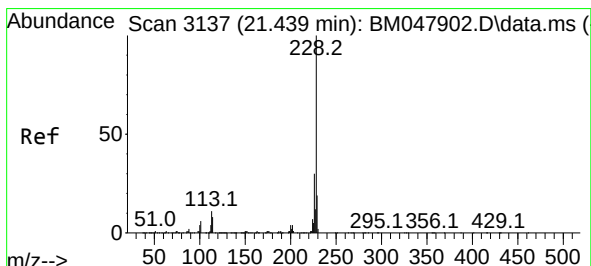
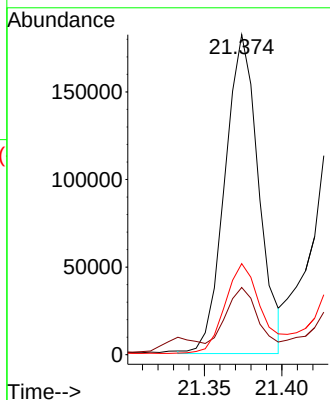
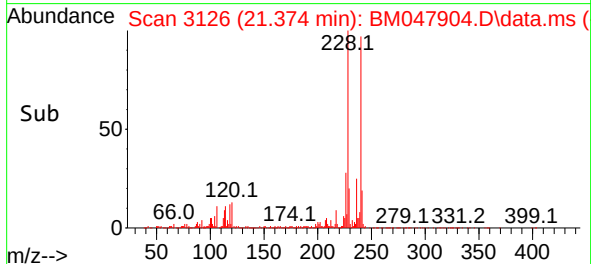
Instrument :
BNA_M
ClientSampleId :
A4EY2



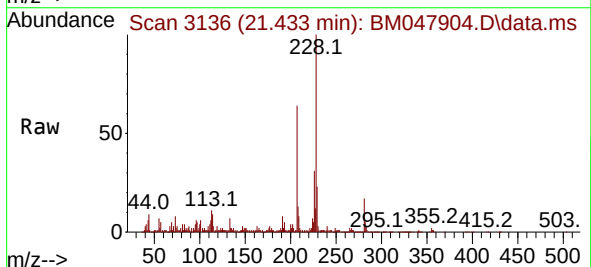
Tgt Ion:228 Resp: 276480
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 28.4 21.9 32.9

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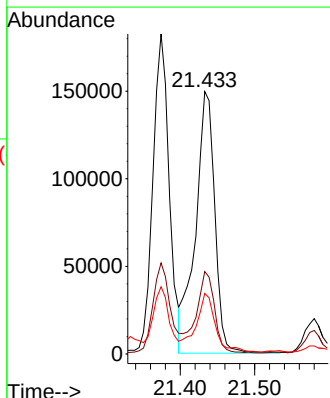
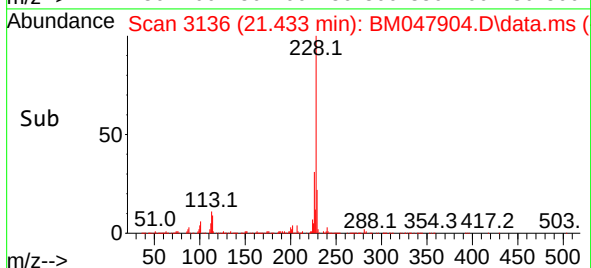
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024

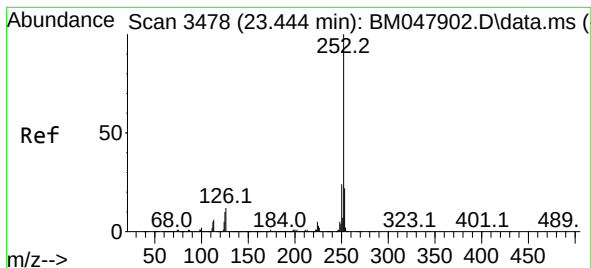


#87
Chrysene
Concen: 2.659 ng/ul m
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM047904.D
Acq: 08 Oct 2024 04:57



Tgt Ion:228 Resp: 271567
Ion Ratio Lower Upper
228 100
226 31.4 23.6 35.4
229 23.1 15.3 22.9#





#90

Benzo(b)fluoranthene

Concen: 3.095 ng/u1

RT: 23.445 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM047904.D

Acq: 08 Oct 2024 04:57

Instrument :

BNA_M

ClientSampleId :

A4EY2

Tgt Ion:252 Resp: 325089

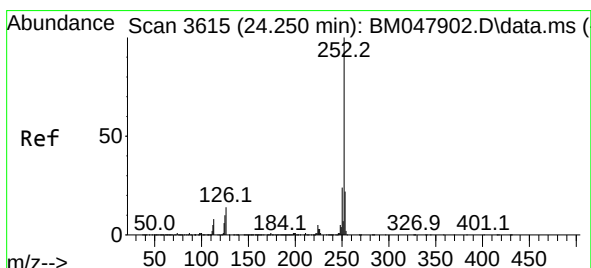
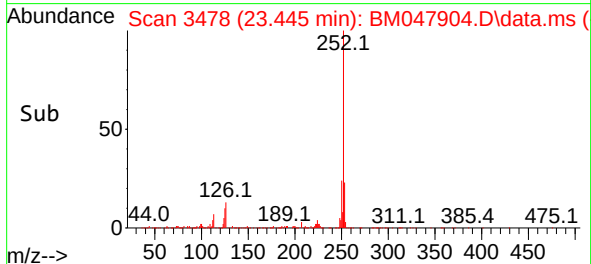
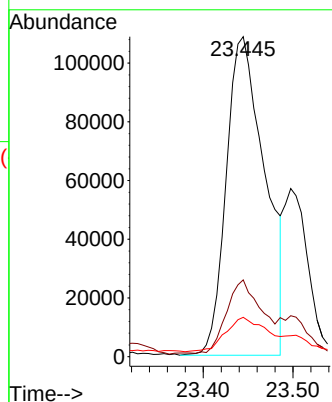
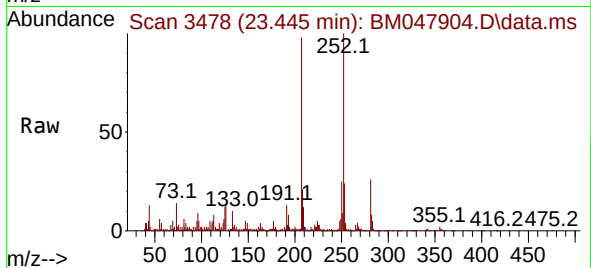
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	12.3	9.0	13.4

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.293 ng/u1

RT: 24.244 min Scan# 3614

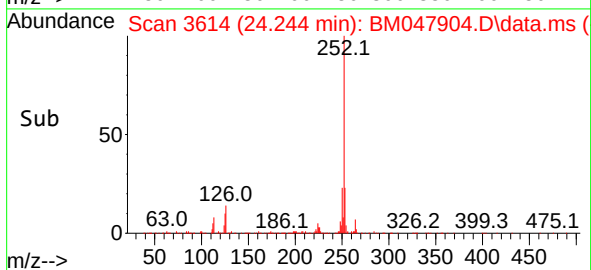
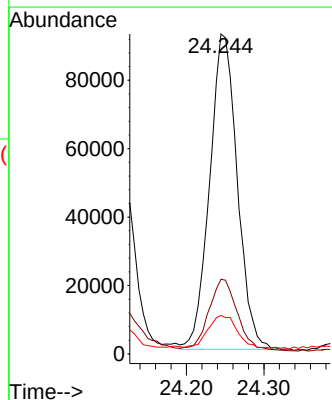
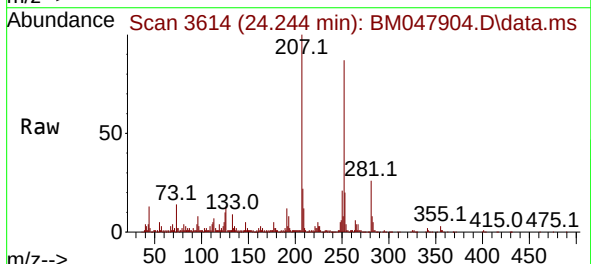
Delta R.T. -0.012 min

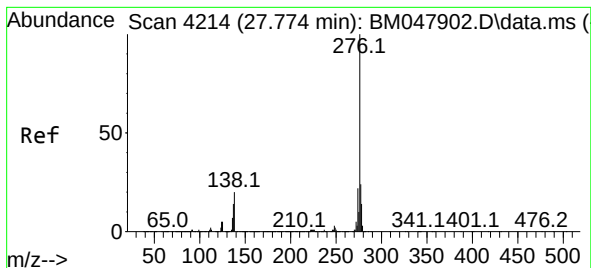
Lab File: BM047904.D

Acq: 08 Oct 2024 04:57

Tgt Ion:252 Resp: 228746

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	12.0	10.1	15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.150 ng/ul

RT: 27.756 min Scan# 4214

Delta R.T. -0.023 min

Lab File: BM047904.D

Acq: 08 Oct 2024 04:57

Instrument :

BNA_M

ClientSampleId :

A4EY2

Tgt Ion:276 Resp: 14706

Ion Ratio Lower Upper

276 100

138 20.1 16.9 25.3

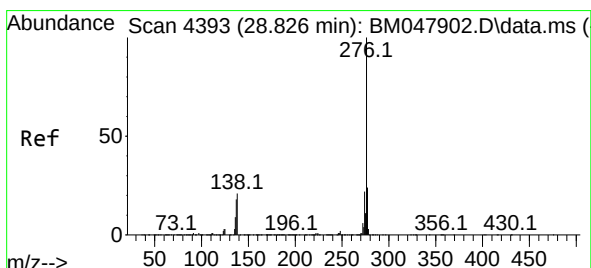
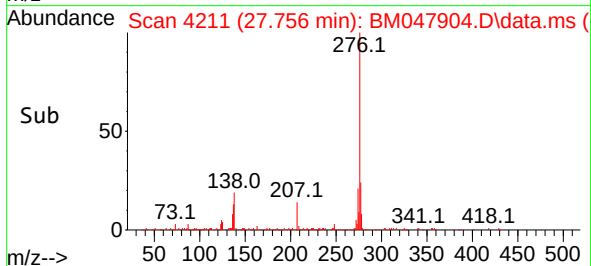
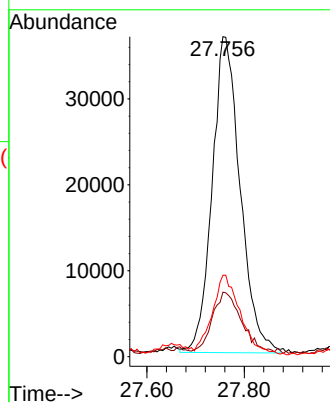
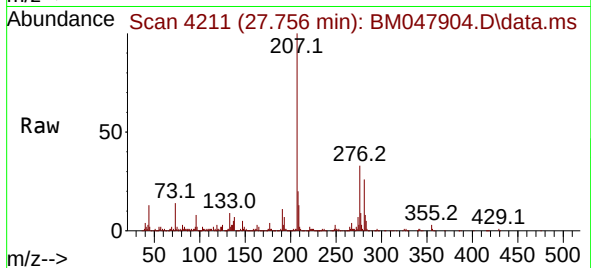
277 25.5 18.9 28.3

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.443 ng/ul

RT: 28.815 min Scan# 4391

Delta R.T. -0.017 min

Lab File: BM047904.D

Acq: 08 Oct 2024 04:57

Tgt Ion:276 Resp: 144574

Ion Ratio Lower Upper

276 100

138 24.9 18.7 28.1

277 24.4 18.3 27.5

