

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048087.D
 Acq On : 16 Oct 2024 14:34
 Operator : RC/JU
 Sample : P4329-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EN3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 16 23:35:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	254781	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.569	136	1048954	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.416	164	646575	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1307582	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1067825	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1219269	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	17054	2.163	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.958	99	313636	13.018	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	193495	11.318	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	284502	16.231	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	204173	11.398	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	134810	16.141	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	148237	18.521	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	250342	15.658	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	138070	5.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	751860	16.039	ng/u1	-0.01
49) Acenaphthylene-d8	14.110	160	869527	15.645	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	87620m	9.388	ng/u1	0.01
60) Fluorene-d10	15.410	176	667949	16.450	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	31769	4.152	ng/u1	0.00
73) Anthracene-d10	17.257	188	994297	15.465	ng/u1	0.00
81) Pyrene-d10	19.545	212	712839	11.762	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	381191	6.026	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.981	94	29087	1.135	ng/u1#	93
16) Acetophenone	8.599	105	52018	1.697	ng/u1	88
52) Acenaphthene	14.481	153	68183	1.539	ng/u1	100
61) Fluorene	15.463	166	79527	1.598	ng/u1	96
72) Phenanthrene	17.198	178	1227071	16.002	ng/u1	99
74) Anthracene	17.292	178	265914	3.400	ng/u1	98
80) Fluoranthene	19.216	202	1945108	27.251	ng/u1	99
82) Pyrene	19.574	202	1072974	13.506	ng/u1	97
85) Benzo(a)anthracene	21.368	228	985404	13.180	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	90507	2.146	ng/u1#	98
87) Chrysene	21.427	228	965231	13.243	ng/u1	97
90) Benzo(b)fluoranthene	23.439	252	1045027	13.744	ng/u1	97
91) Benzo(k)fluoranthene	23.492	252	337959	4.347	ng/u1	97
93) Benzo(a)pyrene	24.245	252	253159	3.506	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	27.762	276	220157	2.379	ng/u1	97
95) Dibenzo(a,h)anthracene	27.797	278	133801	1.764	ng/u1#	91

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

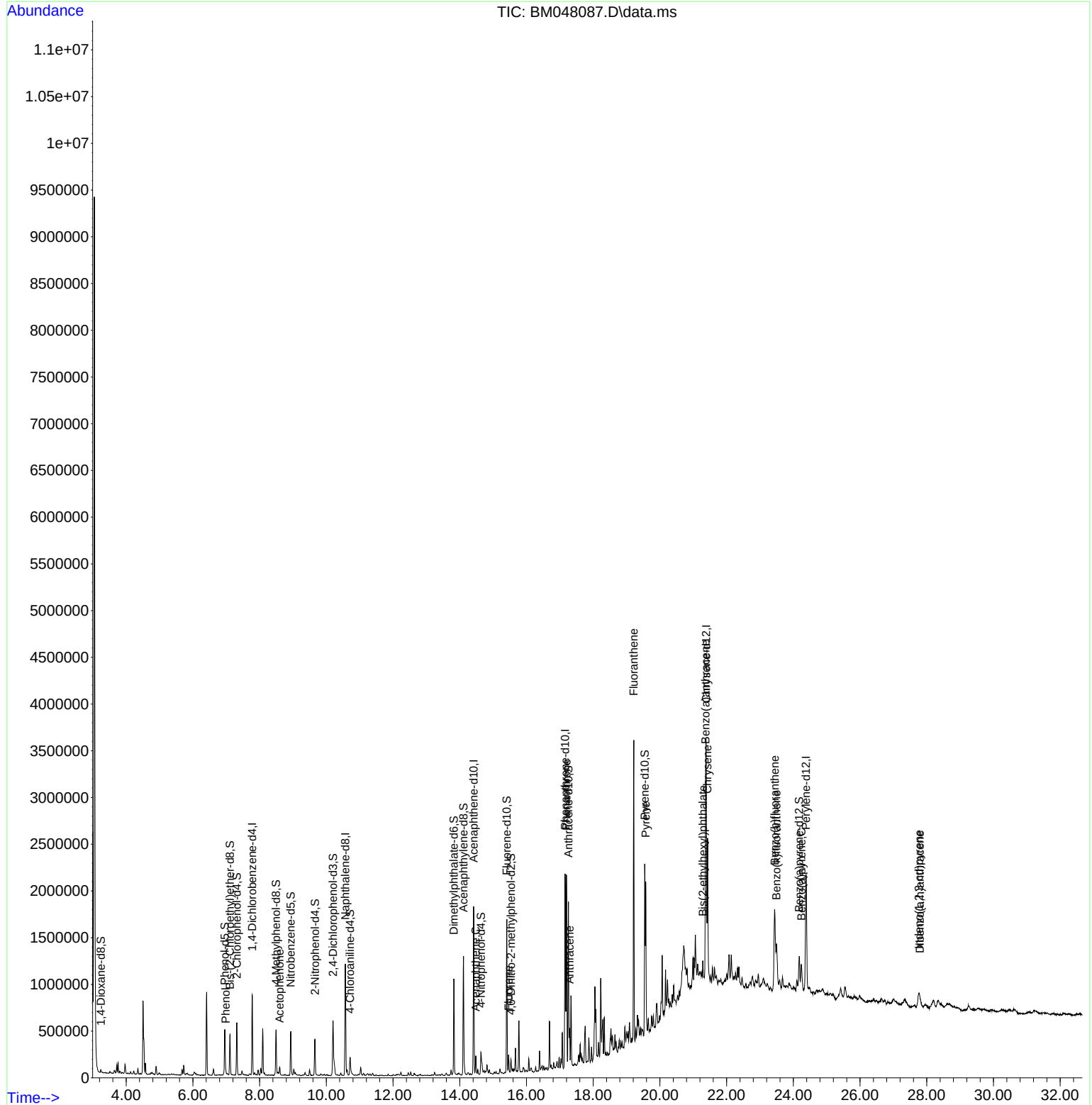
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048087.D
Acq On : 16 Oct 2024 14:34
Operator : RC/JU
Sample : P4329-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

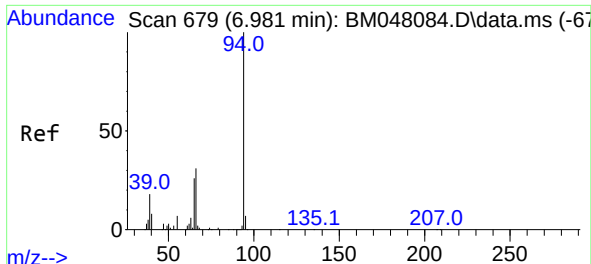
Instrument :
BNA_M
ClientSampleId :
A4EN3

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Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

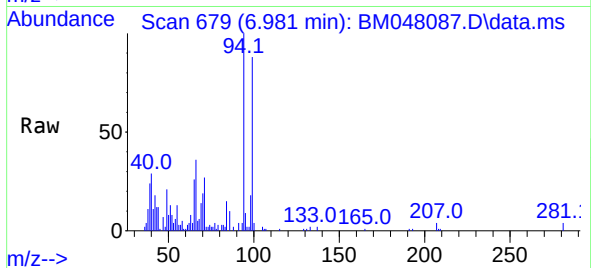
Quant Time: Oct 16 23:35:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.135 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

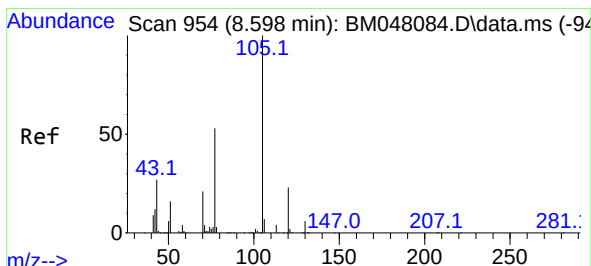
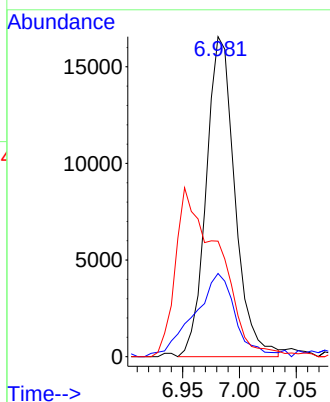
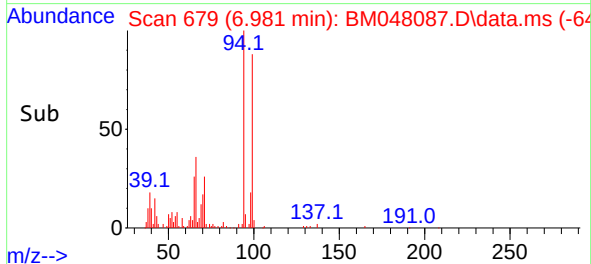
Instrument :
BNA_M
ClientSampleId :
A4EN3



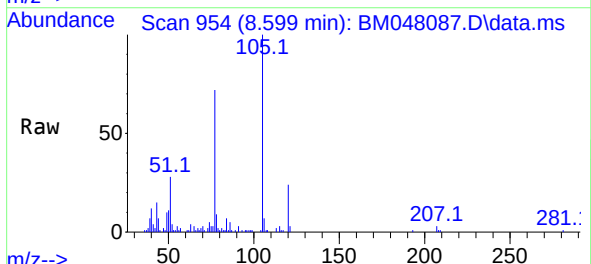
Tgt Ion: 94 Resp: 2908
Ion Ratio Lower Upper
94 100
65 26.0 26.3 39.5
66 36.1 30.5 45.7

Manual Integrations
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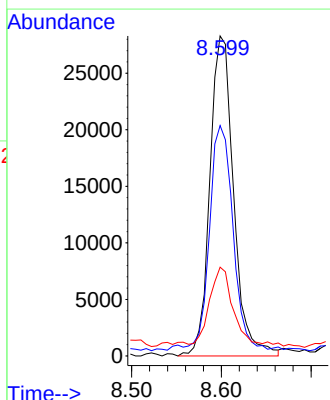
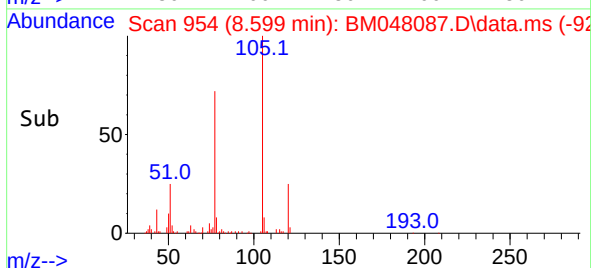
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

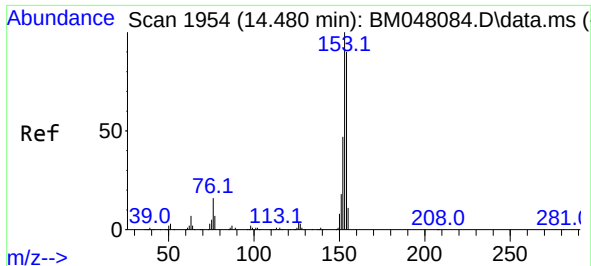


#16
Acetophenone
Concen: 1.697 ng/ul
RT: 8.599 min Scan# 954
Delta R.T. -0.011 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34



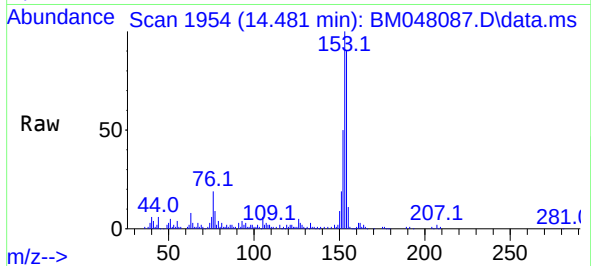
Tgt Ion:105 Resp: 52018
Ion Ratio Lower Upper
105 100
77 72.0 66.6 100.0
51 27.8 27.0 40.4





#52
Acenaphthene
Concen: 1.539 ng/u1
RT: 14.481 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

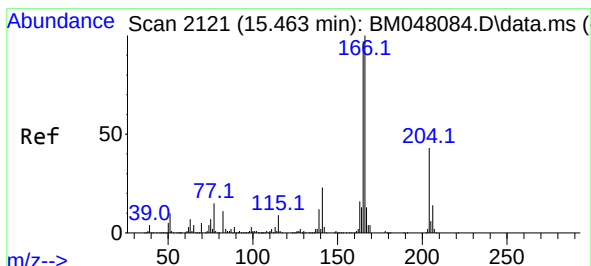
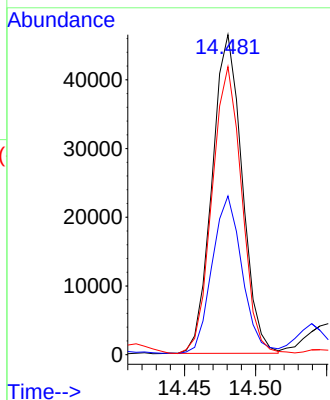
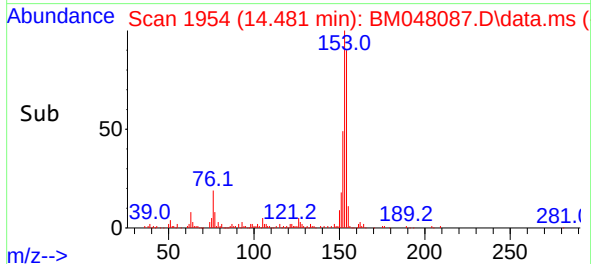
Instrument :
BNA_M
ClientSampleId :
A4EN3



Tgt Ion:153 Resp: 6818
Ion Ratio Lower Upper
153 100
152 49.6 39.7 59.5
154 90.0 72.6 108.8

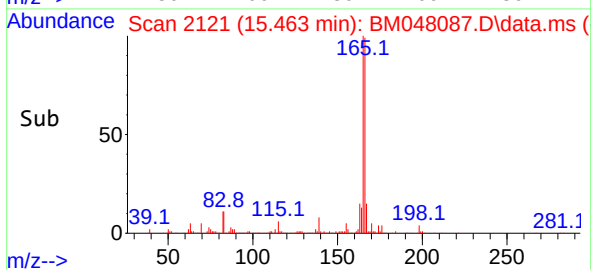
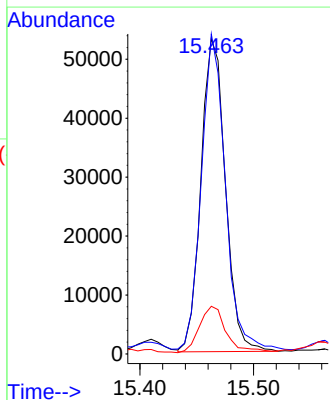
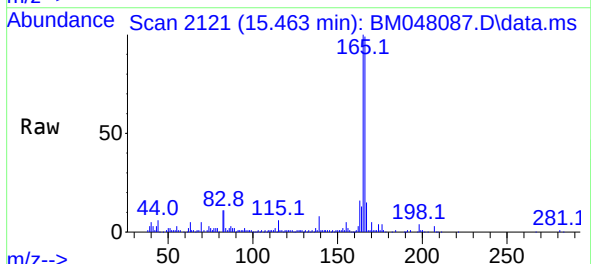
Manual Integrations
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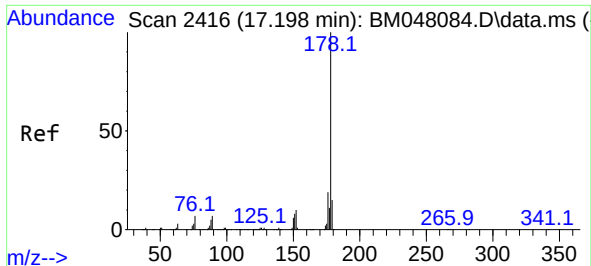
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#61
Fluorene
Concen: 1.598 ng/u1
RT: 15.463 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

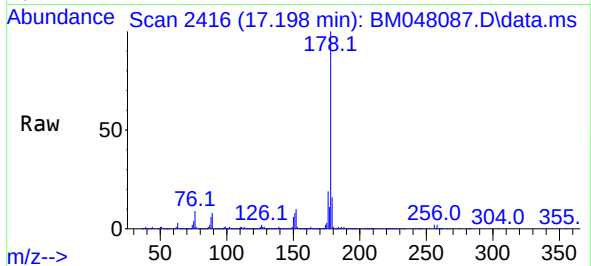
Tgt Ion:166 Resp: 79527
Ion Ratio Lower Upper
166 100
165 101.4 77.8 116.6
167 15.1 10.8 16.2





#72
Phenanthrene
Concen: 16.002 ng/u1
RT: 17.198 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

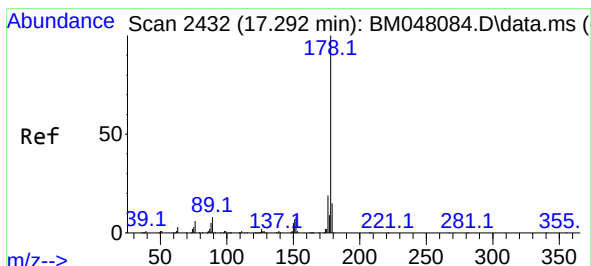
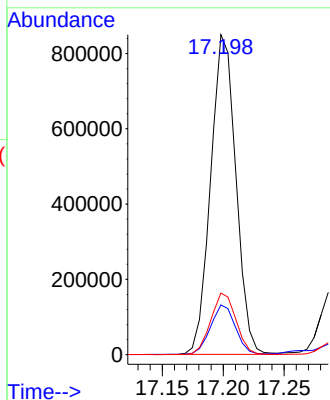
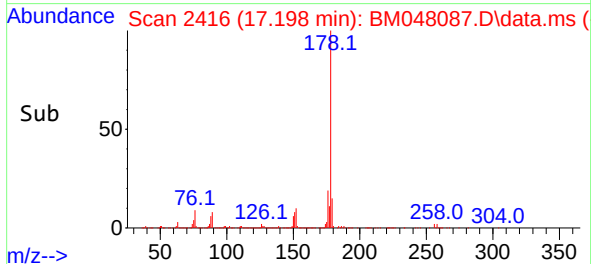
Instrument :
BNA_M
ClientSampleId :
A4EN3



Tgt Ion:178 Resp: 122707
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 19.2 15.4 23.0

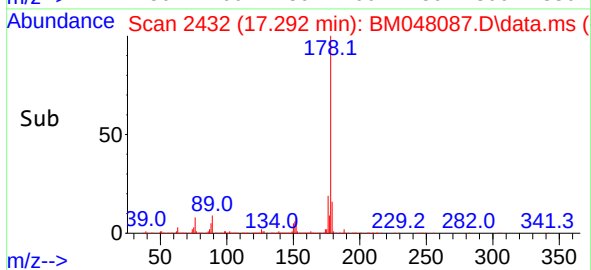
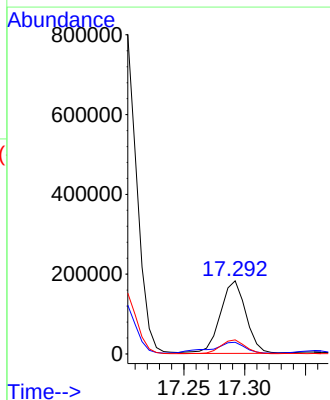
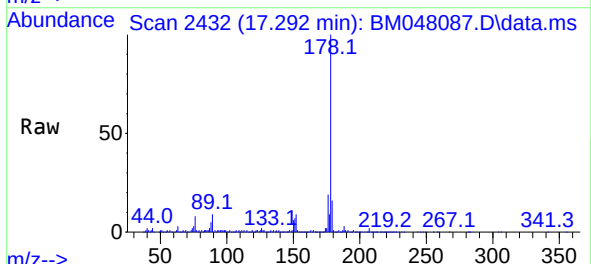
Manual Integrations
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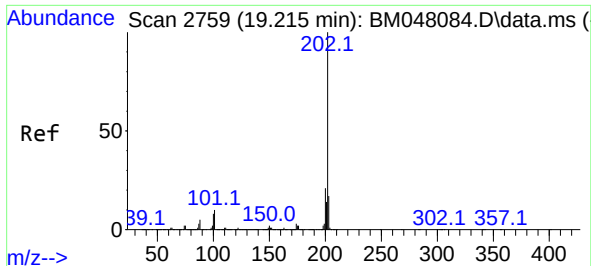
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#74
Anthracene
Concen: 3.400 ng/u1
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

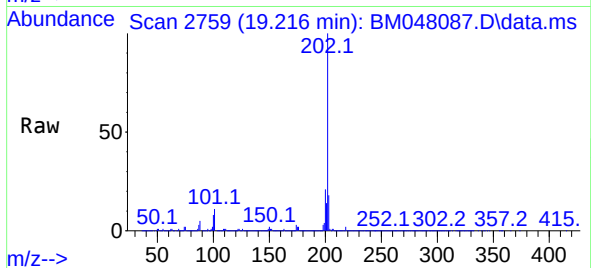
Tgt Ion:178 Resp: 265914
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.2 14.7 22.1





#80
Fluoranthene
Concen: 27.251 ng/u1
RT: 19.216 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

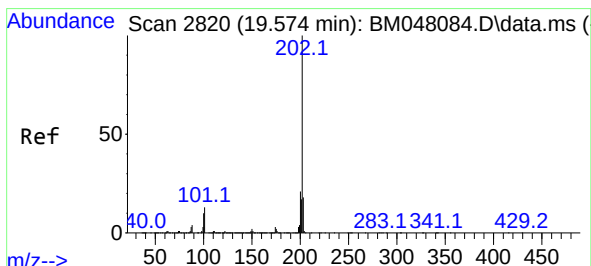
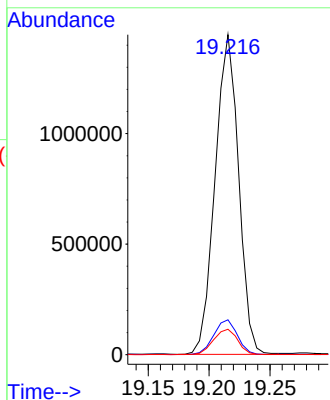
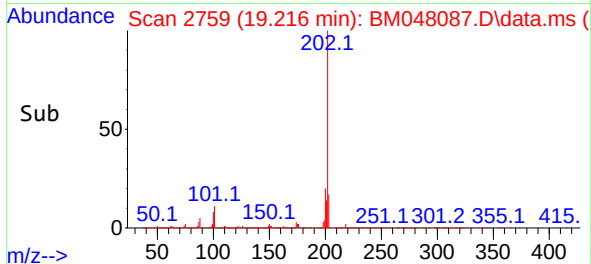
Instrument :
BNA_M
ClientSampleId :
A4EN3



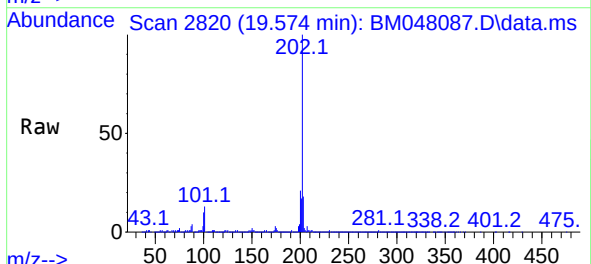
Tgt Ion:202 Resp: 1945108
Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.4
100 8.0 6.8 10.2

Manual Integrations
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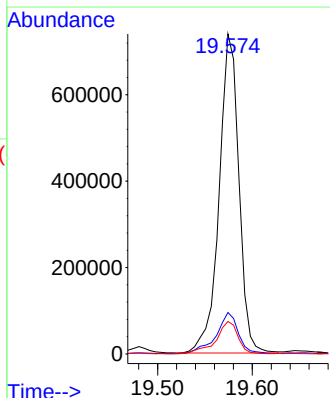
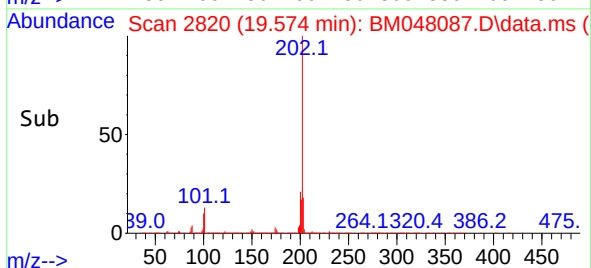
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

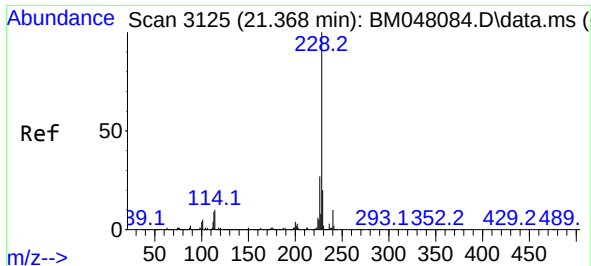


#82
Pyrene
Concen: 13.506 ng/u1
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34



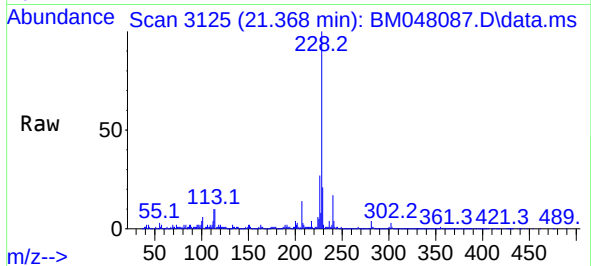
Tgt Ion:202 Resp: 1072974
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.2 9.4 14.2





#85
Benzo(a)anthracene
Concen: 13.180 ng/ul
RT: 21.368 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

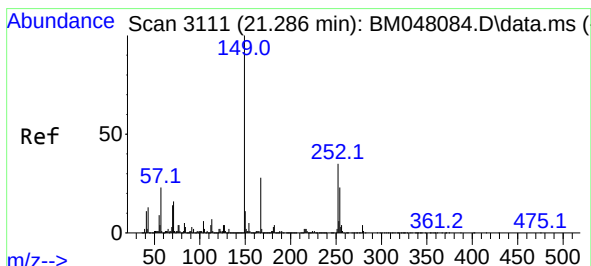
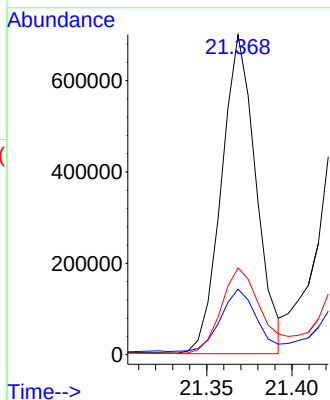
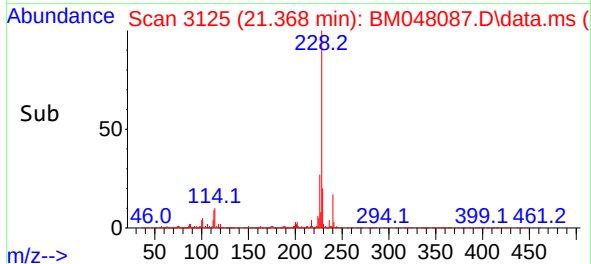
Instrument :
BNA_M
ClientSampleId :
A4EN3



Tgt Ion:228 Resp: 985404
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 27.1 21.9 32.9

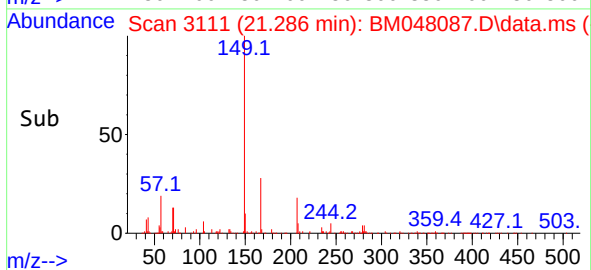
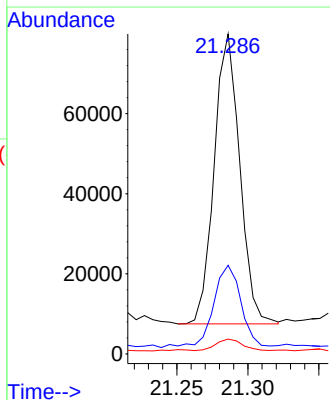
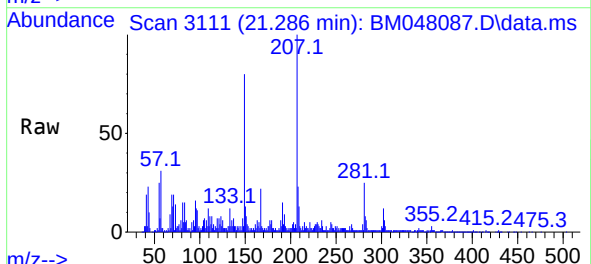
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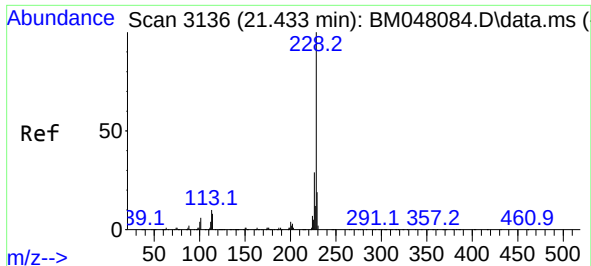
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.146 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

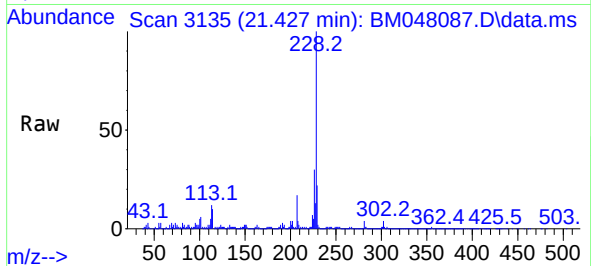
Tgt Ion:149 Resp: 90507
Ion Ratio Lower Upper
149 100
167 27.7 21.3 31.9
279 4.6 2.7 4.1#





#87
Chrysene
Concen: 13.243 ng/u1
RT: 21.427 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

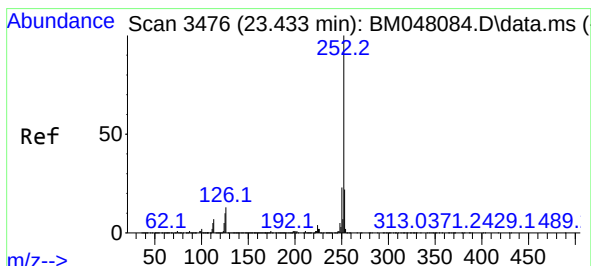
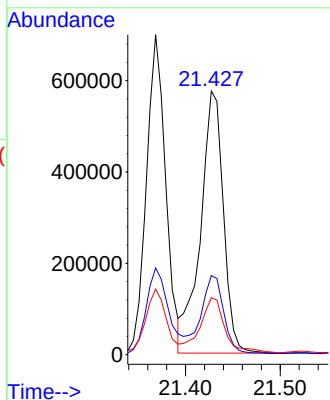
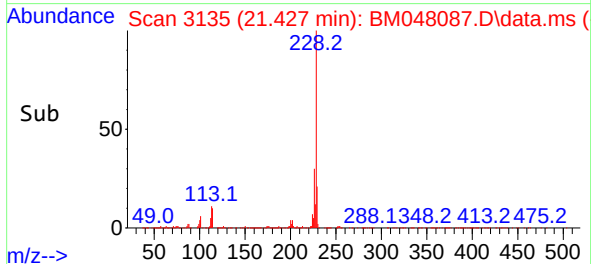
Instrument :
BNA_M
ClientSampleId :
A4EN3



Tgt Ion:228 Resp: 96523
Ion Ratio Lower Upper
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226 30.0 23.6 35.4
229 21.6 15.3 22.9

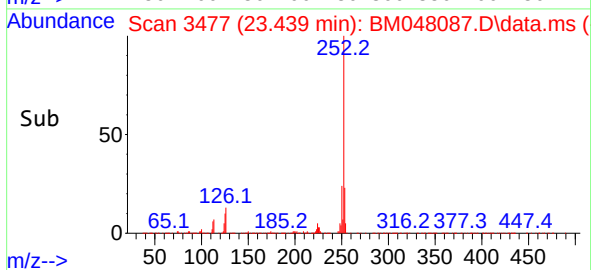
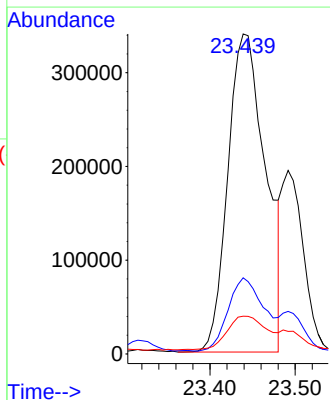
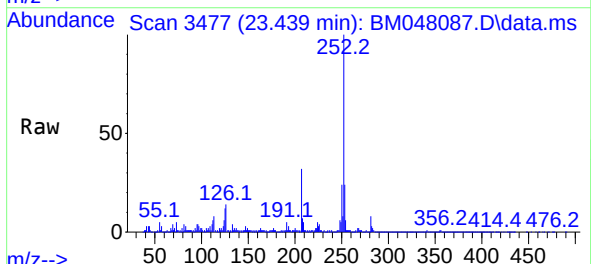
Manual Integrations
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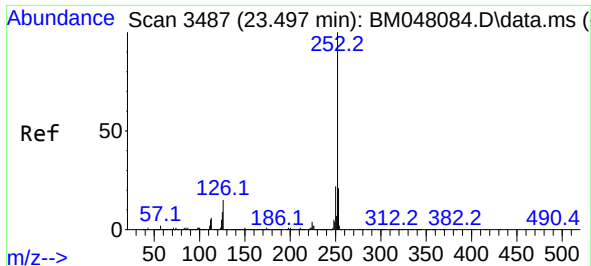
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#90
Benzo(b)fluoranthene
Concen: 13.744 ng/u1
RT: 23.439 min Scan# 3477
Delta R.T. 0.012 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

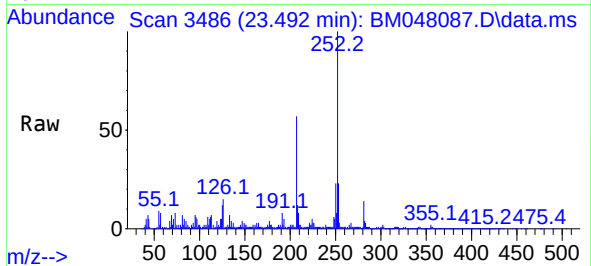
Tgt Ion:252 Resp: 1045027
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 11.8 9.0 13.4





#91
Benzo(k)fluoranthene
Concen: 4.347 ng/u1
RT: 23.492 min Scan# 3486
Delta R.T. 0.006 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

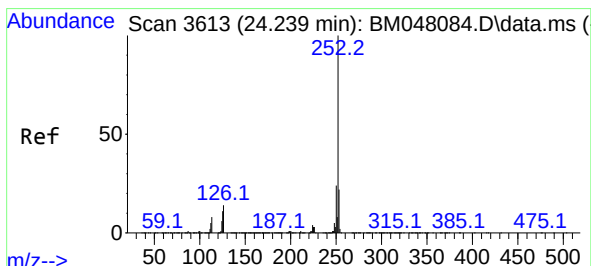
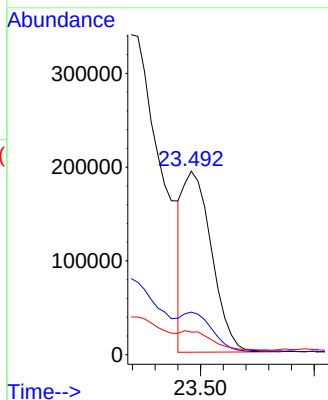
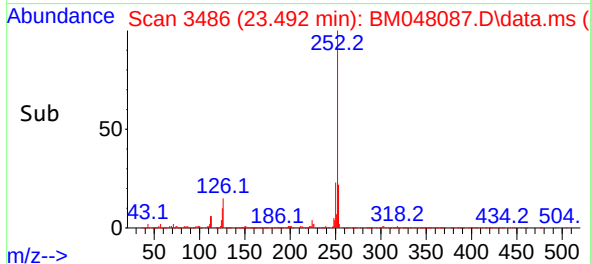
Instrument :
BNA_M
ClientSampleId :
A4EN3



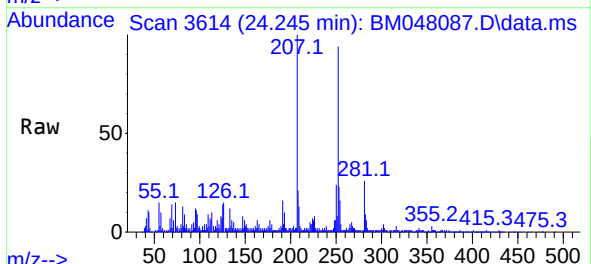
Tgt Ion:252 Resp: 337959
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 12.3 8.9 13.3

Manual Integrations
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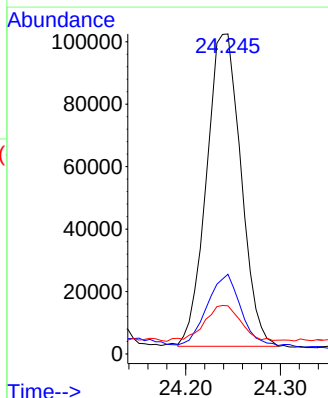
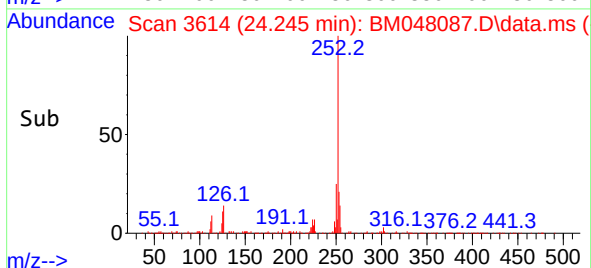
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

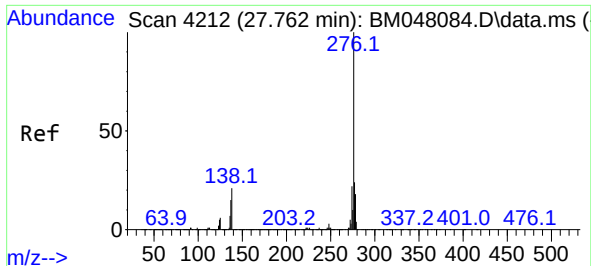


#93
Benzo(a)pyrene
Concen: 3.506 ng/u1
RT: 24.245 min Scan# 3614
Delta R.T. 0.012 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34



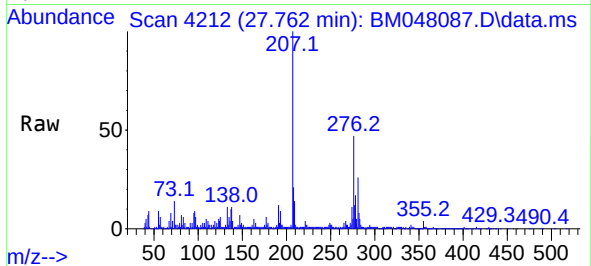
Tgt Ion:252 Resp: 253159
Ion Ratio Lower Upper
252 100
253 24.9 17.2 25.8
125 15.0 10.1 15.1





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.379 ng/ul
RT: 27.762 min Scan# 4212
Delta R.T. 0.018 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

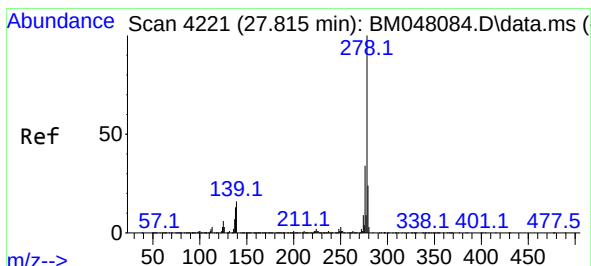
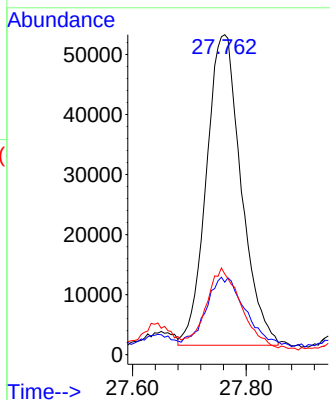
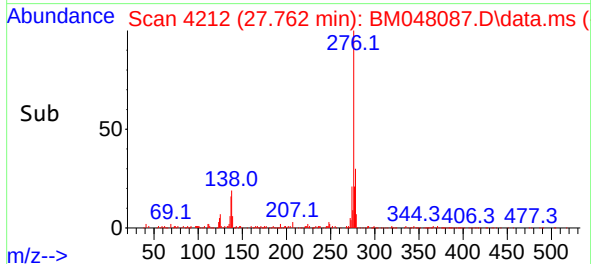
Instrument :
BNA_M
ClientSampleId :
A4EN3



Tgt Ion:276 Resp: 22015
Ion Ratio Lower Upper
276 100
138 22.7 16.9 25.3
277 25.2 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#95
Dibenzo(a,h)anthracene
Concen: 1.764 ng/ul
RT: 27.797 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BM048087.D
Acq: 16 Oct 2024 14:34

Tgt Ion:278 Resp: 133801
Ion Ratio Lower Upper
278 100
139 19.1 13.4 20.2
279 28.2 18.4 27.6#

