

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045830.D
 Acq On : 04 Jun 2024 23:50
 Operator : MA/JU
 Sample : P2589-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH6D3

Manual Integrations
 APPROVED

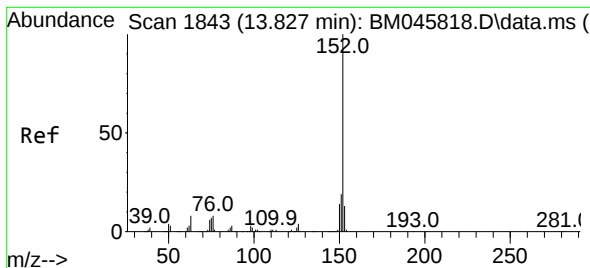
Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 00:28:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

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

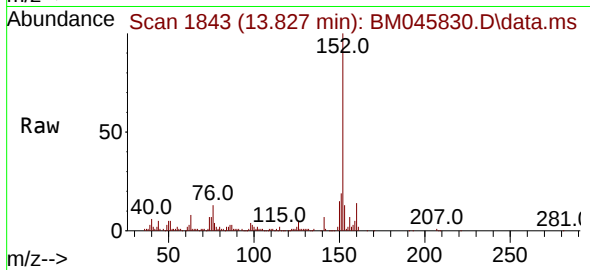
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	305141	20.000	ng/u1	0.00
20) Naphthalene-d8	10.234	136	1296619	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	812543	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1628509	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	1043856	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	993030	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	25854	3.285	ng/uL	0.00
4) Pyridine-d5	3.469	84	228886	11.295	ng/u1	0.00
7) Phenol-d5	6.722	99	589369	22.736	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	430208	23.112	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	483556	24.973	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	406589	20.761	ng/u1	0.00
21) Nitrobenzene-d5	8.628	128	245533	24.220	ng/u1	0.00
24) 2-Nitrophenol-d4	9.340	143	264294	25.759	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	493908	25.670	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	369403	13.872	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	1555981	27.661	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1686273	25.815	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	207844	17.120	ng/u1	0.00
60) Fluorene-d10	15.110	176	1316151	27.426	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	101814	12.243	ng/u1	0.00
73) Anthracene-d10	16.951	188	2004546	28.315	ng/u1	0.00
81) Pyrene-d10	19.251	212	2189157	33.723	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	1353487	29.163	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	13.827	152	127605	1.688	ng/u1	99
52) Acenaphthene	14.175	153	88593	1.756	ng/u1	98
56) Dibenzofuran	14.510	168	107865	1.585	ng/u1	99
61) Fluorene	15.163	166	103305	1.885	ng/u1#	96
72) Phenanthrene	16.898	178	2446655	28.513	ng/u1	100
74) Anthracene	16.986	178	417401	4.870	ng/u1	98
77) Carbazole	17.274	167	292365	3.998	ng/u1	99
78) Di-n-butylphthalate	17.845	149	362105	3.765	ng/u1	99
80) Fluoranthene	18.915	202	4420233	56.167	ng/u1	98
82) Pyrene	19.280	202	3703321	45.801	ng/u1	98
83) Butylbenzylphthalate	20.209	149	292222	8.868	ng/u1	98
85) Benzo(a)anthracene	21.045	228	1339760	18.588	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	20.998	149	1548807	31.634	ng/u1	100
87) Chrysene	21.103	228	1569940	23.546	ng/u1	98
90) Benzo(b)fluoranthene	22.939	252	1876090	30.742	ng/u1	98
91) Benzo(k)fluoranthene	22.986	252	598410m	10.039	ng/u1	
93) Benzo(a)pyrene	23.662	252	1071335	19.978	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.785	276	809459	13.822	ng/u1	100
95) Dibenzo(a,h)anthracene	26.821	278	193239	4.172	ng/u1#	93
96) Benzo(g,h,i)perylene	27.715	276	704222	13.653	ng/u1	99

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



#50
Acenaphthylene
Concen: 1.688 ng/ul
RT: 13.827 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

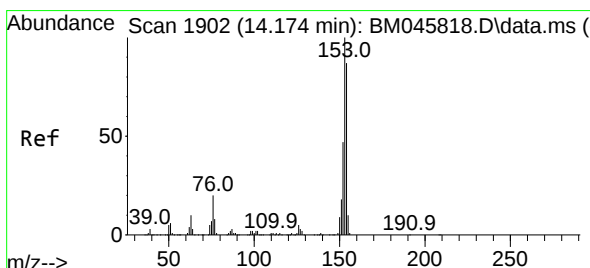
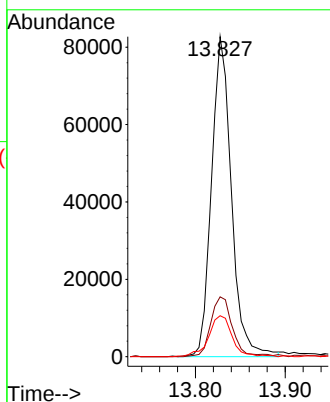
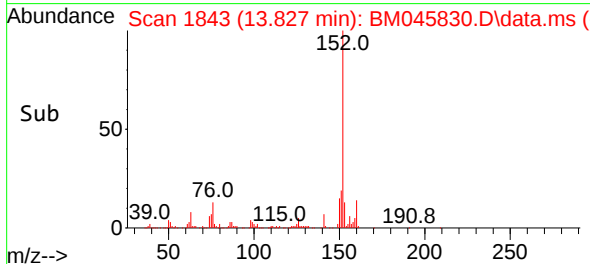
Instrument : BNA_M
ClientSampleId : BH6D3



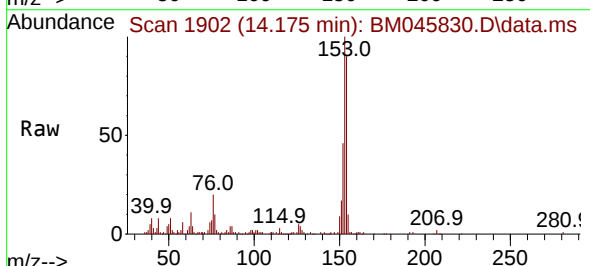
Tgt Ion:152 Resp: 127609
Ion Ratio Lower Upper
152 100
151 18.7 15.6 23.4
153 12.8 10.4 15.6

Manual Integrations
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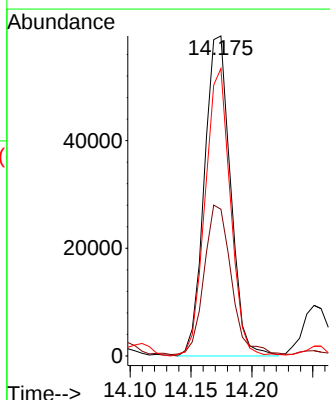
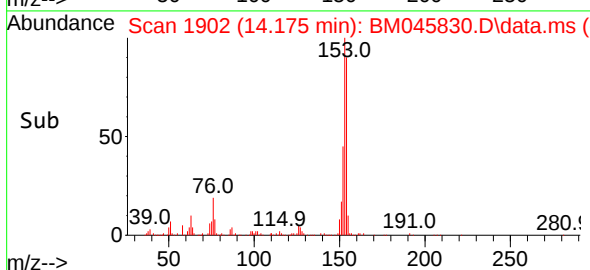
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

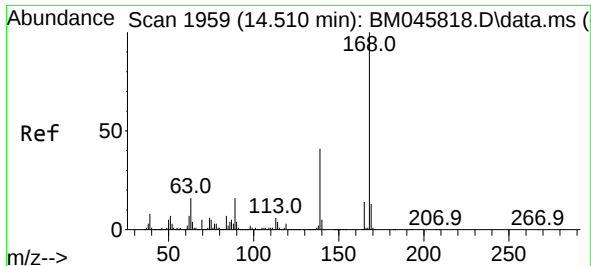


#52
Acenaphthene
Concen: 1.756 ng/ul
RT: 14.175 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50



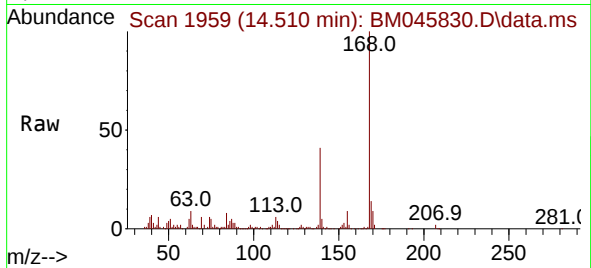
Tgt Ion:153 Resp: 88593
Ion Ratio Lower Upper
153 100
152 45.9 38.6 58.0
154 89.8 70.7 106.1





#56
Dibenzenofuran
Concen: 1.585 ng/ul
RT: 14.510 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

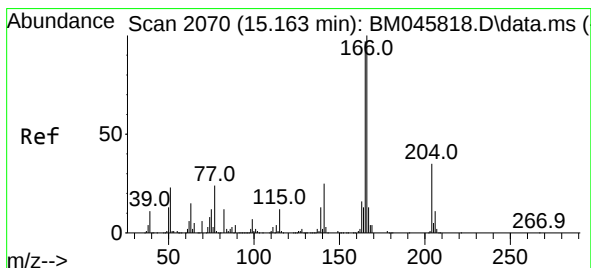
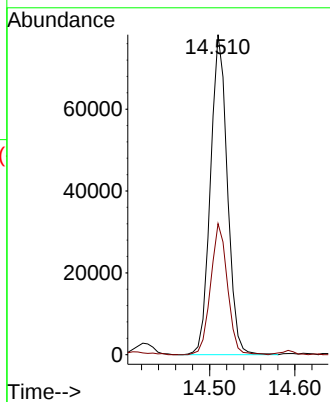
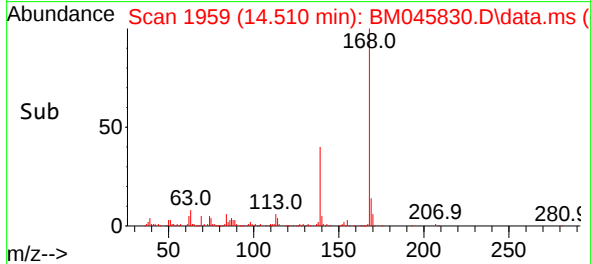
Instrument :
BNA_M
ClientSampleId :
BH6D3



Tgt Ion:168 Resp: 10786
Ion Ratio Lower Upper
168 100
139 40.9 32.2 48.2

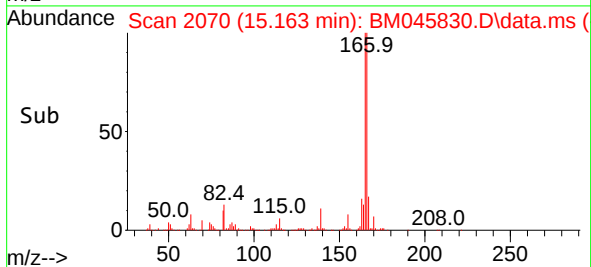
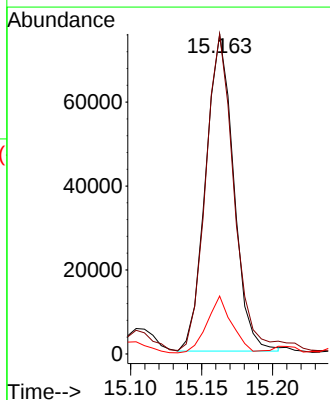
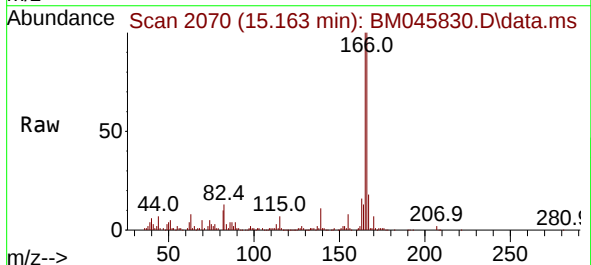
Manual Integrations
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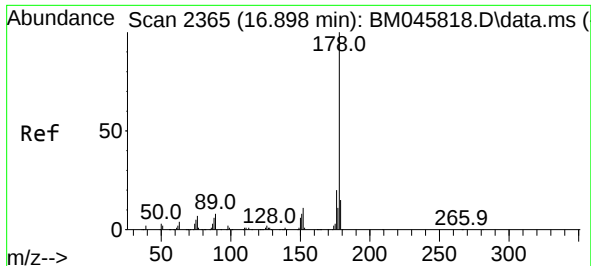
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#61
Fluorene
Concen: 1.885 ng/ul
RT: 15.163 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

Tgt Ion:166 Resp: 103305
Ion Ratio Lower Upper
166 100
165 100.1 78.1 117.1
167 18.1 10.6 16.0#





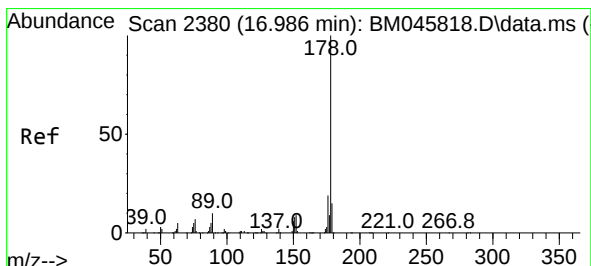
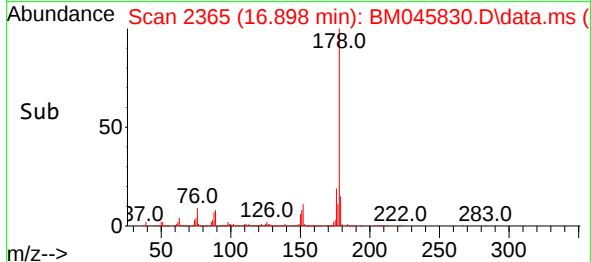
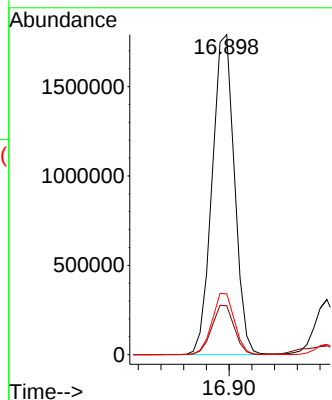
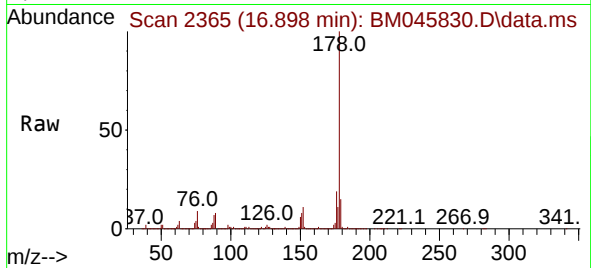
#72
Phenanthrene
Concen: 28.513 ng/ul
RT: 16.898 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

Instrument :
BNA_M
ClientSampleId :
BH6D3

Tgt Ion:178 Resp: 244665
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.0 15.3 22.9

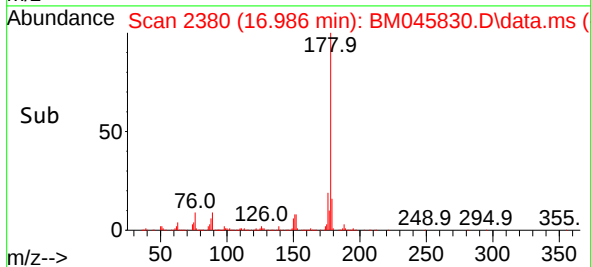
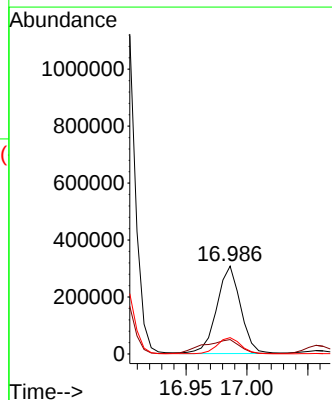
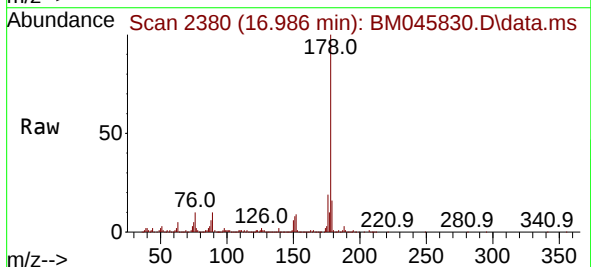
Manual Integrations
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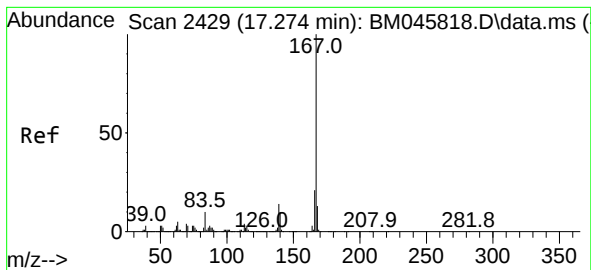
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#74
Anthracene
Concen: 4.870 ng/ul
RT: 16.986 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

Tgt Ion:178 Resp: 417401
Ion Ratio Lower Upper
178 100
179 16.3 12.0 18.0
176 18.6 15.0 22.6





#77

Carbazole

Concen: 3.998 ng/ul

RT: 17.274 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BM045830.D

Acq: 04 Jun 2024 23:50

Instrument :

BNA_M

ClientSampleId :

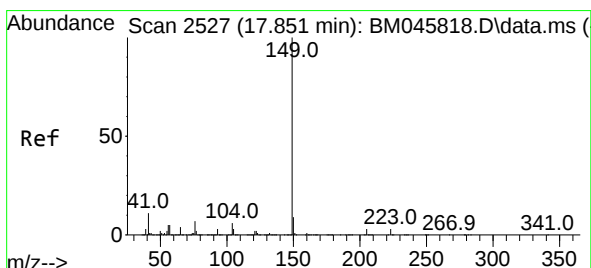
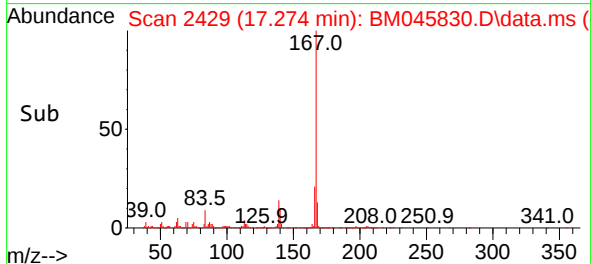
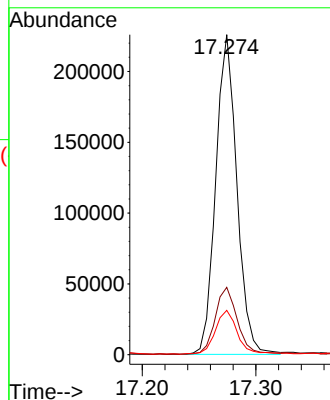
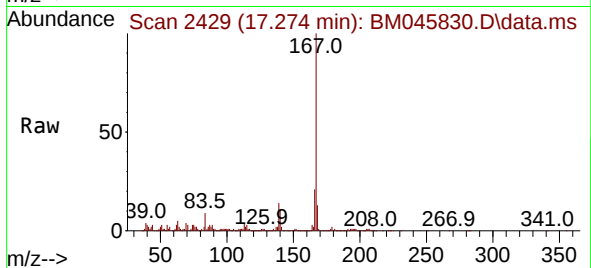
BH6D3

Tgt Ion:167 Resp: 292365
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.6 24.8
 139 13.8 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



#78

Di-n-butylphthalate

Concen: 3.765 ng/ul

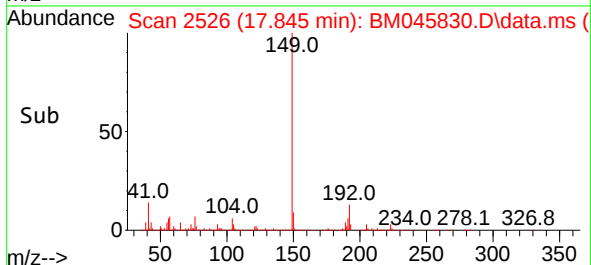
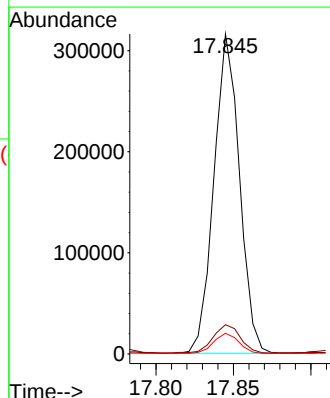
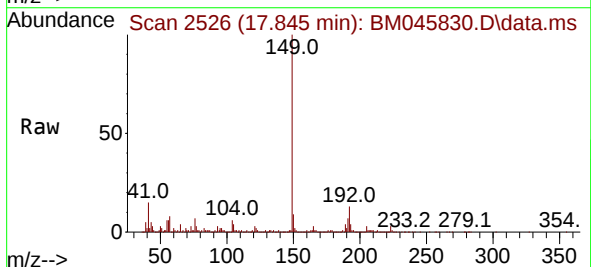
RT: 17.845 min Scan# 2526

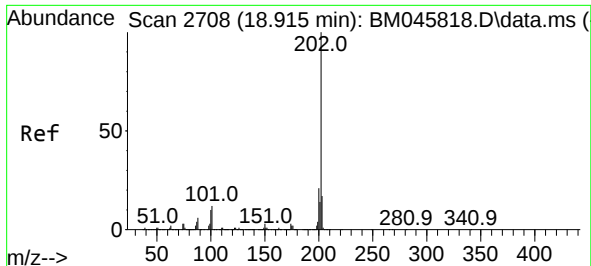
Delta R.T. -0.006 min

Lab File: BM045830.D

Acq: 04 Jun 2024 23:50

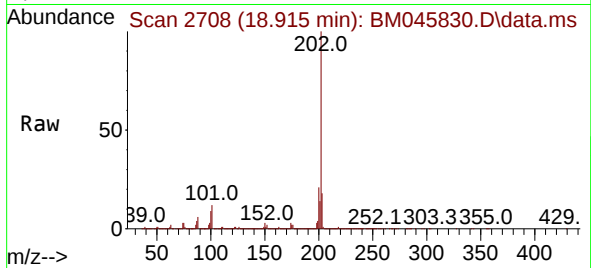
Tgt Ion:149 Resp: 362105
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.1 10.7
 104 6.4 4.9 7.3





#80
Fluoranthene
Concen: 56.167 ng/ul
RT: 18.915 min Scan# 2708
Delta R.T. -0.006 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

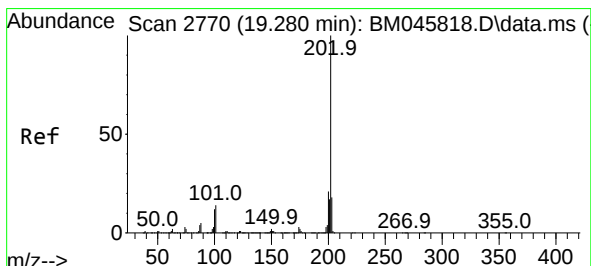
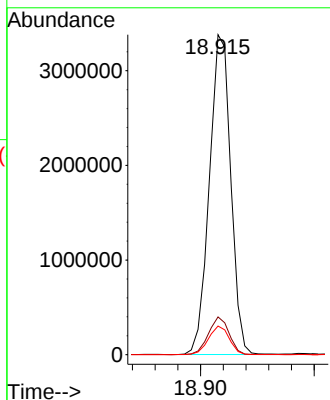
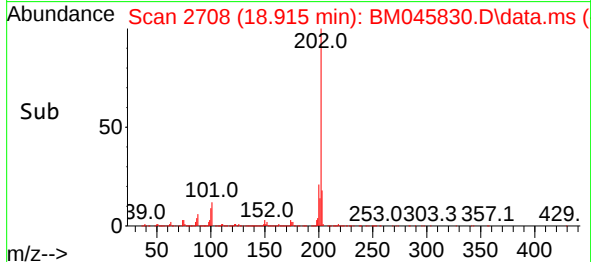
Instrument :
BNA_M
ClientSampleId :
BH6D3



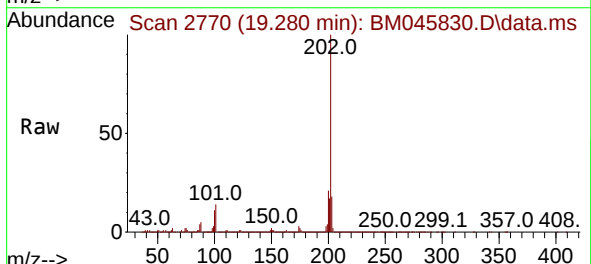
Tgt Ion:202 Resp: 4420233
Ion Ratio Lower Upper
202 100
101 11.8 8.9 13.3
100 9.0 6.6 10.0

Manual Integrations
APPROVED

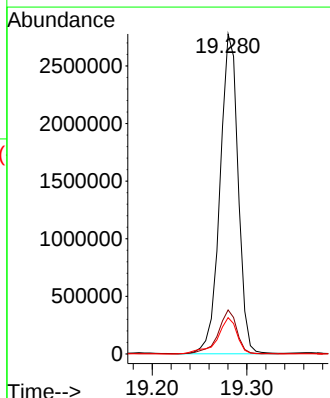
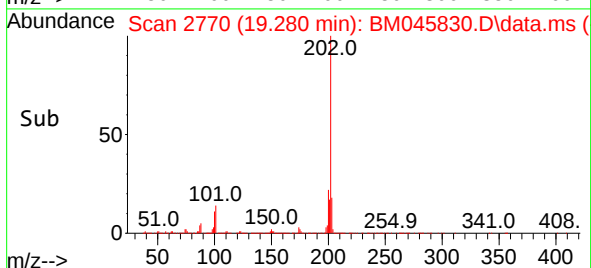
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

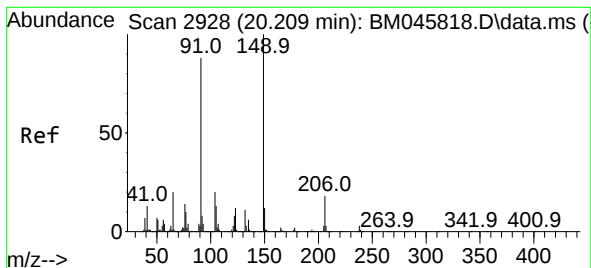


#82
Pyrene
Concen: 45.801 ng/ul
RT: 19.280 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50



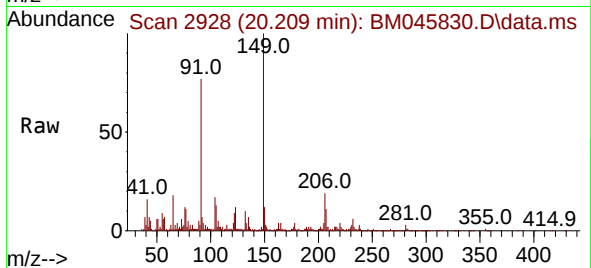
Tgt Ion:202 Resp: 3703321
Ion Ratio Lower Upper
202 100
101 13.7 10.5 15.7
100 11.4 8.6 12.8





#83
Butylbenzylphthalate
Concen: 8.868 ng/ul
RT: 20.209 min Scan# 2928
Delta R.T. -0.006 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

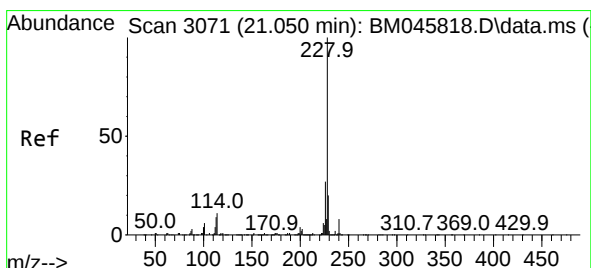
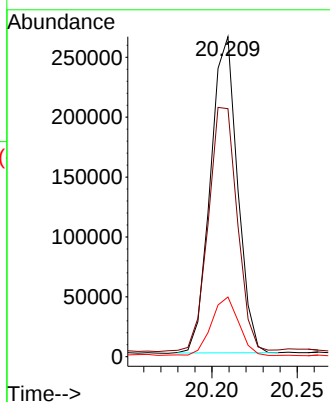
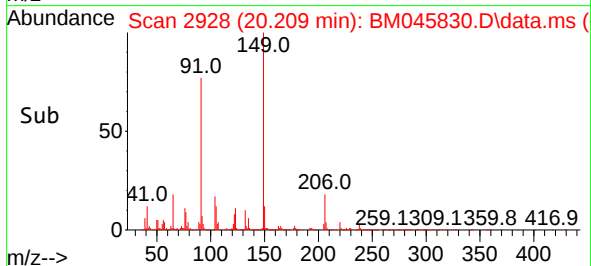
Instrument :
BNA_M
ClientSampleId :
BH6D3



Tgt Ion:149 Resp: 29222
Ion Ratio Lower Upper
149 100
91 77.5 63.7 95.5
206 18.6 15.9 23.9

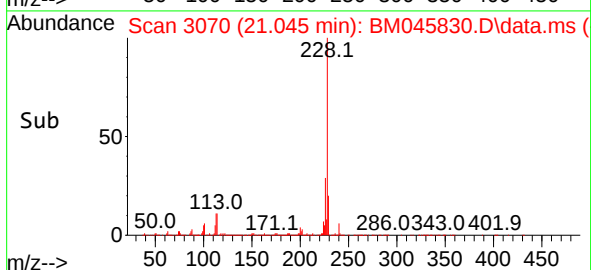
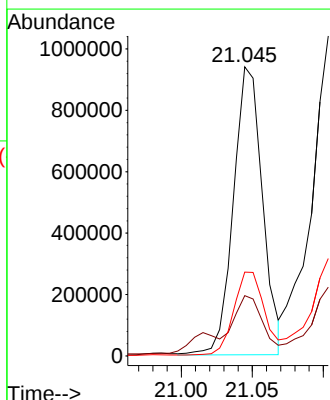
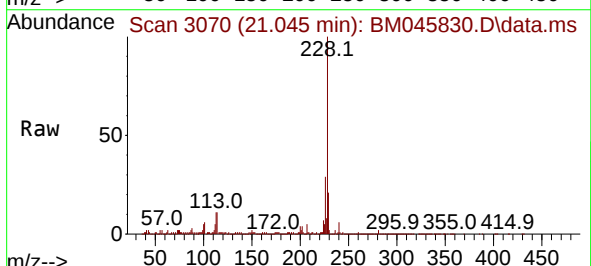
Manual Integrations
APPROVED

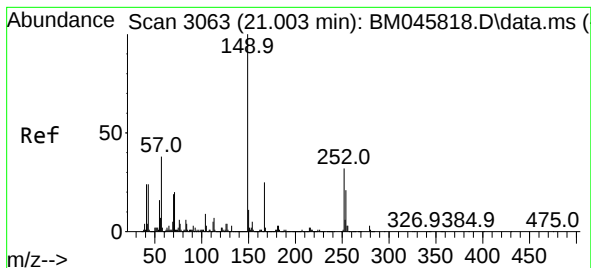
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#85
Benzo(a)anthracene
Concen: 18.588 ng/ul
RT: 21.045 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

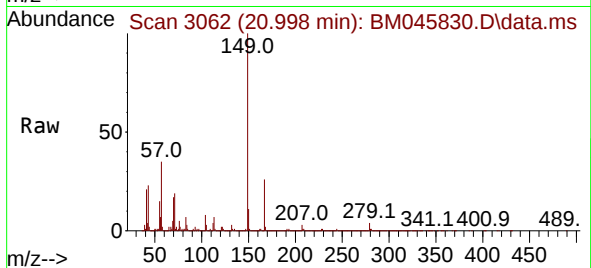
Tgt Ion:228 Resp: 1339760
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 29.0 21.4 32.0





#86
Bis(2-ethylhexyl)phthalate
Concen: 31.634 ng/ul
RT: 20.998 min Scan# 3062
Delta R.T. -0.012 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

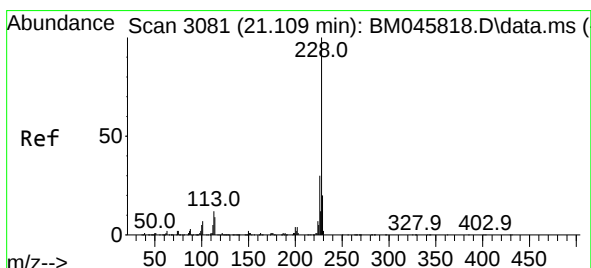
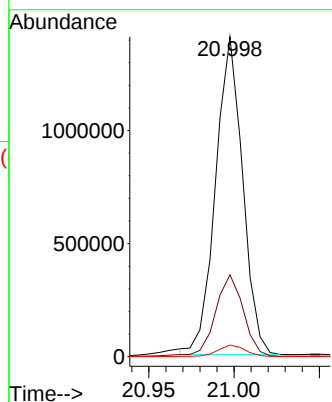
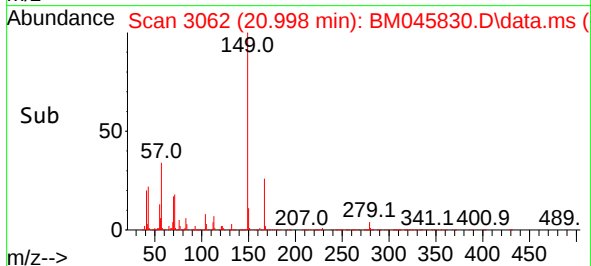
Instrument :
BNA_M
ClientSampleId :
BH6D3



Tgt Ion:149 Resp: 154880
Ion Ratio Lower Upper
149 100
167 25.6 20.4 30.6
279 3.7 3.1 4.7

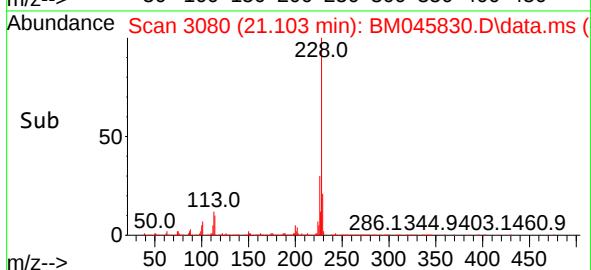
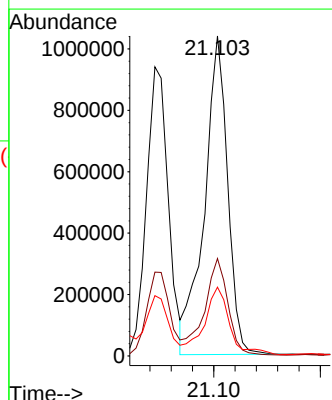
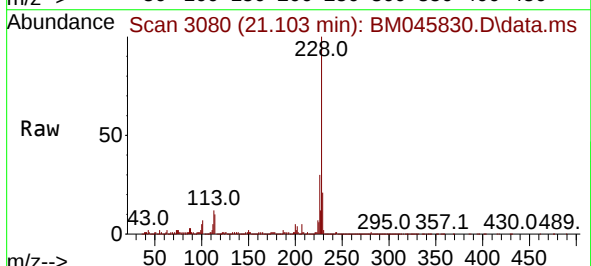
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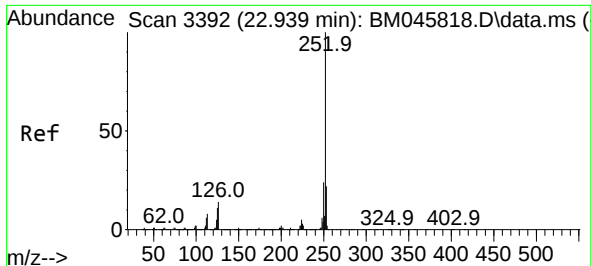
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#87
Chrysene
Concen: 23.546 ng/ul
RT: 21.103 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

Tgt Ion:228 Resp: 1569940
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 21.5 15.2 22.8





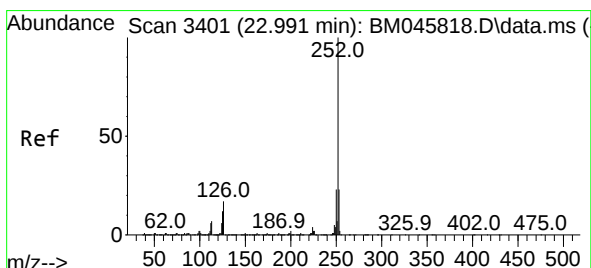
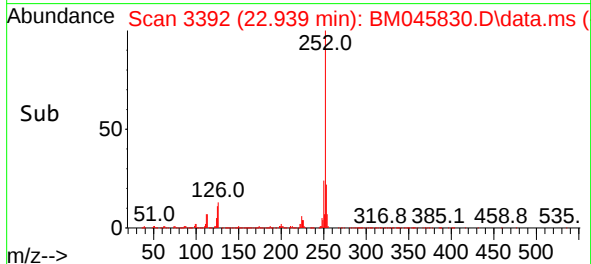
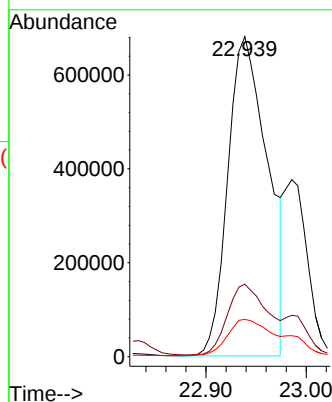
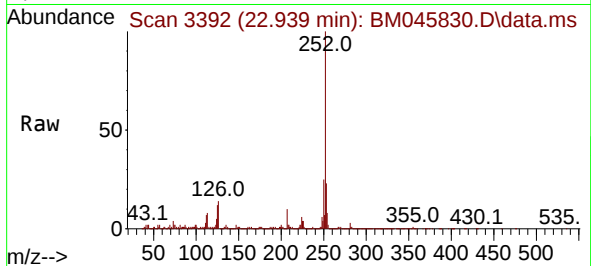
#90
Benzo(b)fluoranthene
Concen: 30.742 ng/ul
RT: 22.939 min Scan# 3392
Delta R.T. 0.000 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

Instrument :
BNA_M
ClientSampleId :
BH6D3

Tgt Ion:252 Resp: 1876090
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.6 8.4 12.6

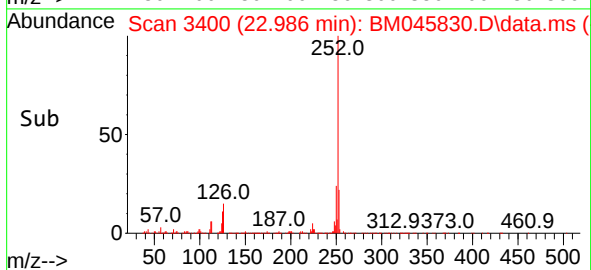
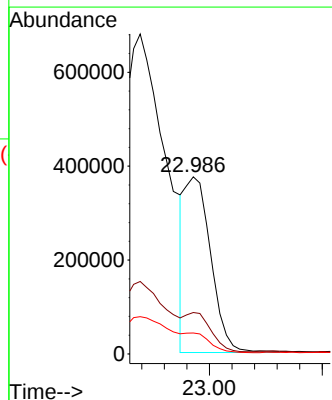
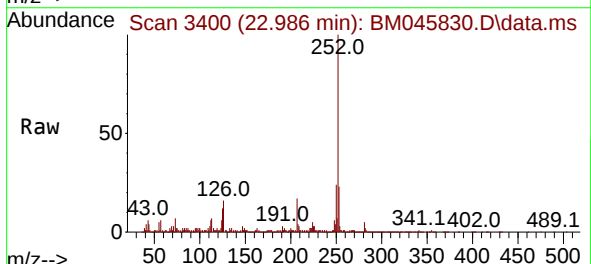
Manual Integrations
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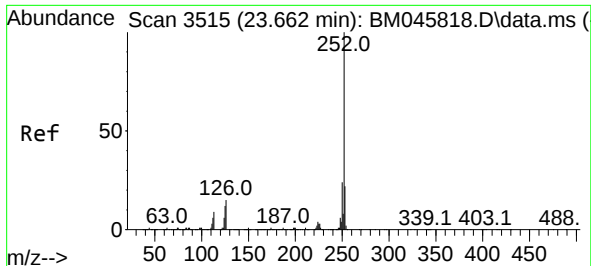
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#91
Benzo(k)fluoranthene
Concen: 10.039 ng/ul m
RT: 22.986 min Scan# 3400
Delta R.T. -0.012 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

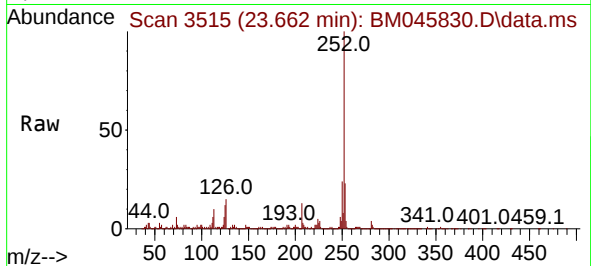
Tgt Ion:252 Resp: 598410
Ion Ratio Lower Upper
252 100
253 23.4 16.8 25.2
125 11.8 8.2 12.4





#93
Benzo(a)pyrene
Concen: 19.978 ng/ul
RT: 23.662 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

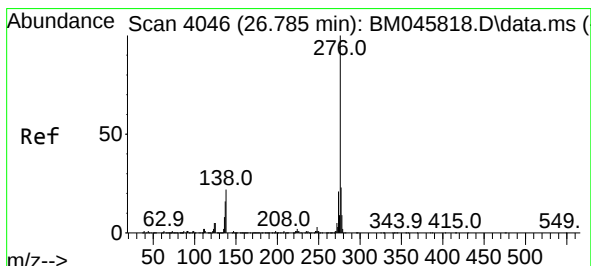
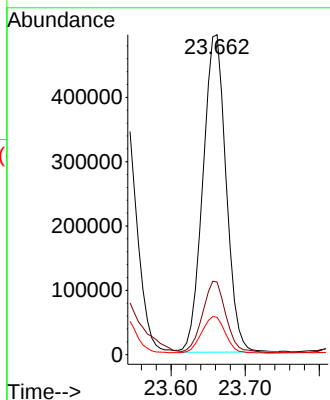
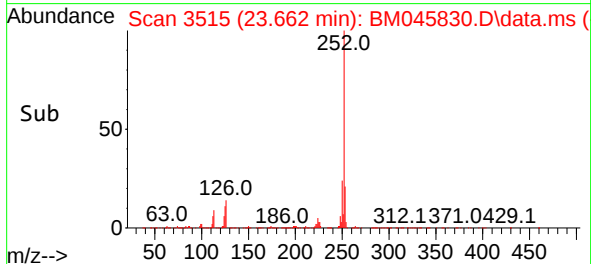
Instrument :
BNA_M
ClientSampleId :
BH6D3



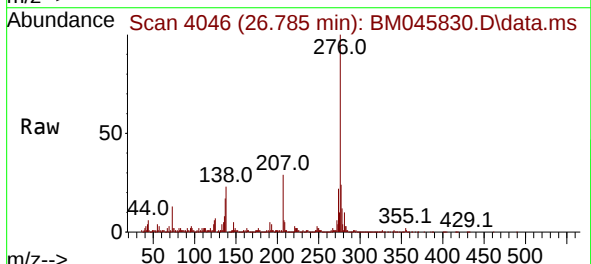
Tgt Ion:252 Resp: 107133
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.7 9.3 13.9

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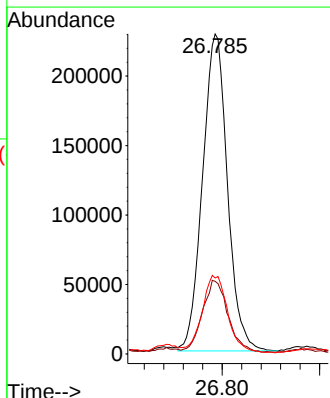
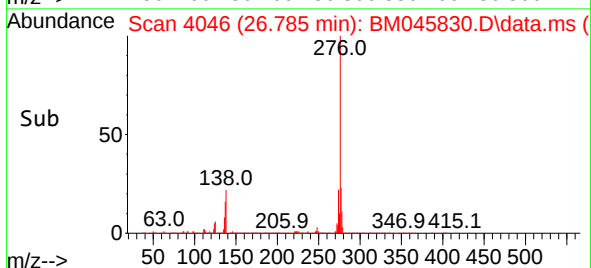
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

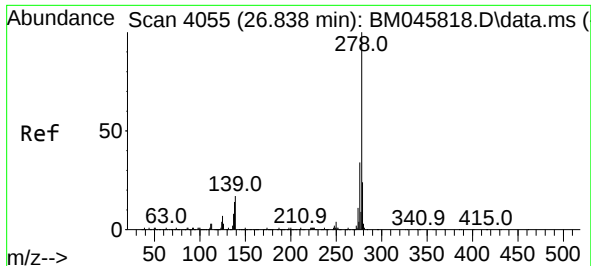


#94
Indeno(1,2,3-cd)pyrene
Concen: 13.822 ng/ul
RT: 26.785 min Scan# 4046
Delta R.T. -0.006 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50



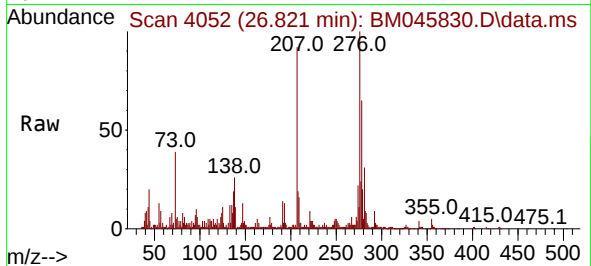
Tgt Ion:276 Resp: 809459
Ion Ratio Lower Upper
276 100
138 22.7 17.9 26.9
277 23.8 19.0 28.6





#95
Dibenzo(a,h)anthracene
Concen: 4.172 ng/ul
RT: 26.821 min Scan# 4055
Delta R.T. -0.018 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50

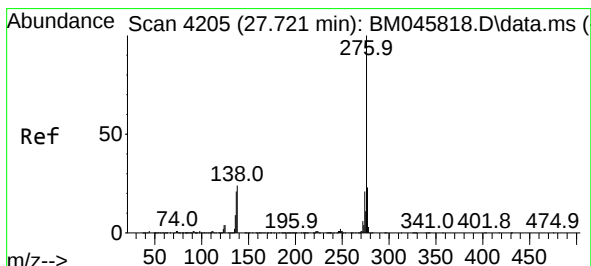
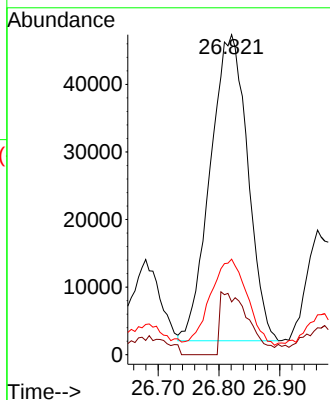
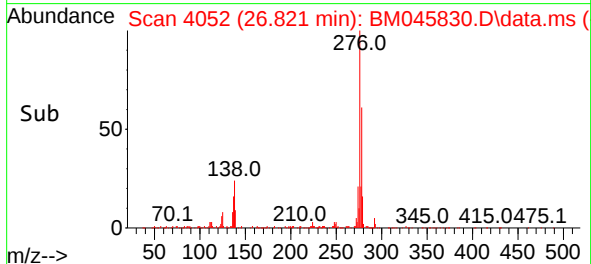
Instrument :
BNA_M
ClientSampleId :
BH6D3



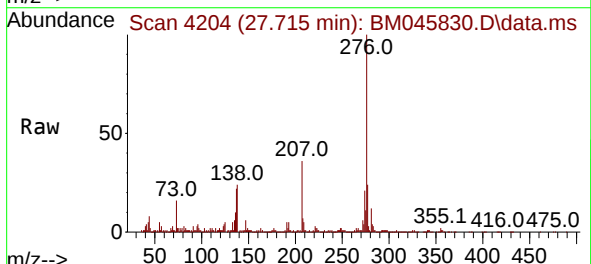
Tgt Ion:278 Resp: 193239
Ion Ratio Lower Upper
278 100
139 16.5 13.2 19.8
279 29.9 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#96
Benzo(g,h,i)perylene
Concen: 13.653 ng/ul
RT: 27.715 min Scan# 4204
Delta R.T. -0.012 min
Lab File: BM045830.D
Acq: 04 Jun 2024 23:50



Tgt Ion:276 Resp: 704222
Ion Ratio Lower Upper
276 100
138 23.6 18.6 27.8
277 23.7 18.7 28.1

