

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037920.D
 Acq On : 09 Dec 2022 17:07
 Operator : CG/JU
 Sample : N5896-11 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXM9

Manual Integrations
 APPROVED

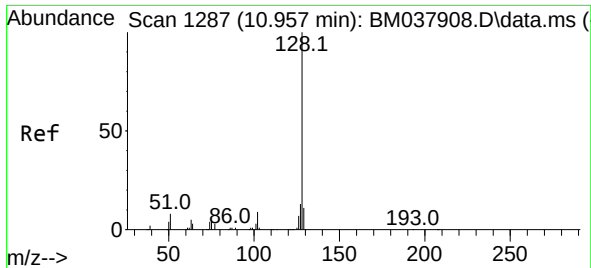
Reviewed By :Jagrut Upadhyay 12/10/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 21:49:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

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

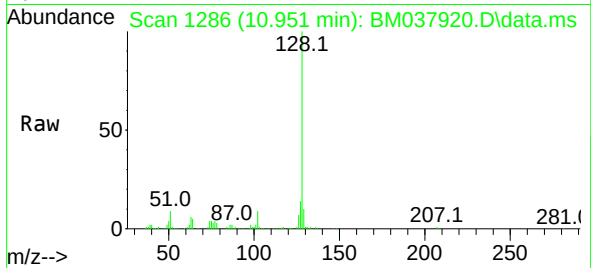
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	245818	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	1050239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	654419	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1449546	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1072789	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	1048015	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	2548m	0.471	ng/uL	0.00
4) Pyridine-d5	3.881	84	19671m	1.225	ng/u1	0.02
7) Phenol-d5	7.234	99	42516	2.128	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	26888	2.211	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	36434	2.223	ng/u1	0.00
15) 4-Methylphenol-d8	8.793	113	34517	2.214	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	17734	2.133	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	18651	2.140	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	33789	2.041	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	40566	1.776	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	115047	2.466	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	128838	2.259	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	12690m	1.596	ng/u1	0.00
60) Fluorene-d10	15.698	176	105948	2.549	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	10005m	1.291	ng/u1	0.00
73) Anthracene-d10	17.557	188	171109	2.529	ng/u1	0.00
81) Pyrene-d10	19.839	212	187914	2.916	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	131038	2.503	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.951	128	155566	2.745	ng/u1	98
36) 2-Methylnaphthalene	12.551	142	104456	2.842	ng/u1	95
37) 1-Methylnaphthalene	12.769	142	244035	6.492	ng/u1	100
50) Acenaphthylene	14.434	152	159560	2.545	ng/u1#	97
52) Acenaphthene	14.781	153	2967384	68.423	ng/u1	99
61) Fluorene	15.757	166	3624592	75.064	ng/u1	100
72) Phenanthrene	17.504	178	11271135	142.385	ng/u1	97
74) Anthracene	17.598	178	11992736	149.078	ng/u1	97
80) Fluoranthene	19.516	202	12266554	161.286	ng/u1	100
82) Pyrene	19.874	202	9545058	120.590	ng/u1	99
85) Benzo(a)anthracene	21.610	228	2300681	31.855	ng/u1	99
87) Chrysene	21.663	228	2402734	35.457	ng/u1	98
90) Benzo(b)fluoranthene	23.351	252	2130570	32.792	ng/u1	99
91) Benzo(k)fluoranthene	23.392	252	545063m	8.656	ng/u1	
93) Benzo(a)pyrene	23.998	252	878350	15.373	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.698	276	467963	6.360	ng/u1	96
95) Dibenzo(a,h)anthracene	26.703	278	128283m	2.068	ng/u1	
96) Benzo(g,h,i)perylene	27.503	276	342014	5.821	ng/u1	96

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



#30
Naphthalene
Concen: 2.745 ng/ul
RT: 10.951 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

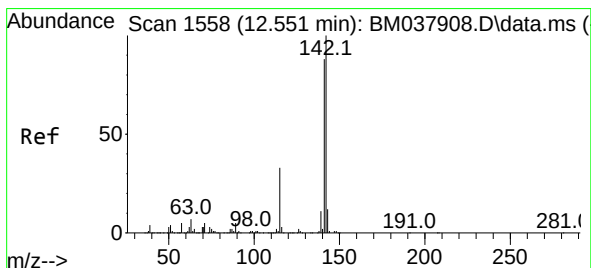
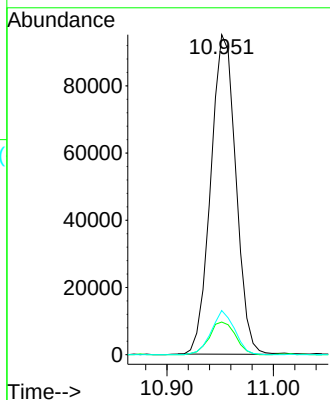
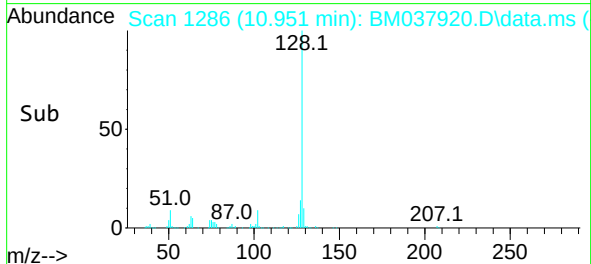
Instrument :
BNA_M
ClientSampleId :
DBXM9



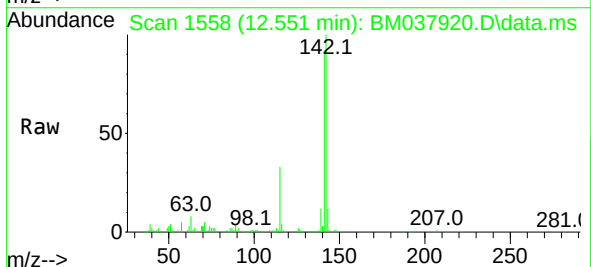
Tgt Ion:128 Resp: 155560
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 13.8 10.4 15.6

Manual Integrations
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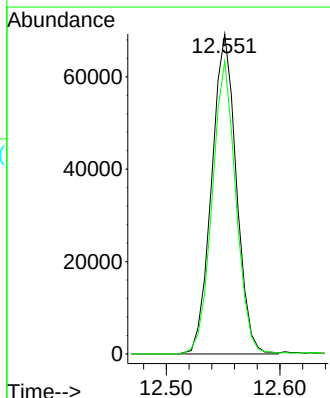
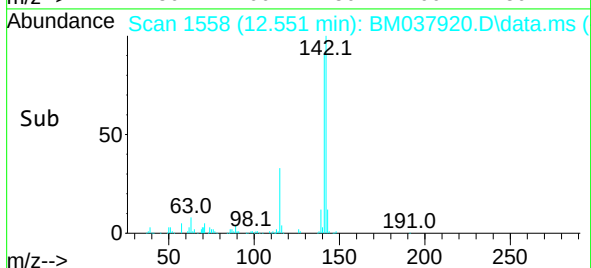
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

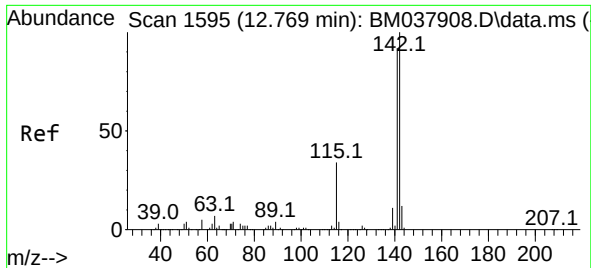


#36
2-Methylnaphthalene
Concen: 2.842 ng/ul
RT: 12.551 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07



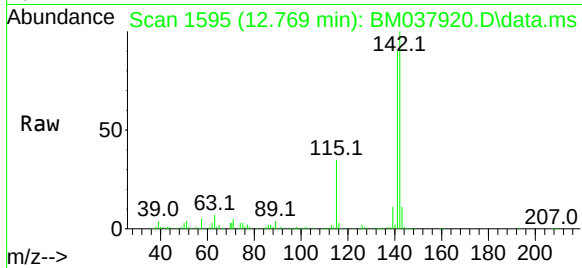
Tgt Ion:142 Resp: 104456
Ion Ratio Lower Upper
142 100
141 91.6 69.4 104.0





#37
1-Methylnaphthalene
Concen: 6.492 ng/ul
RT: 12.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

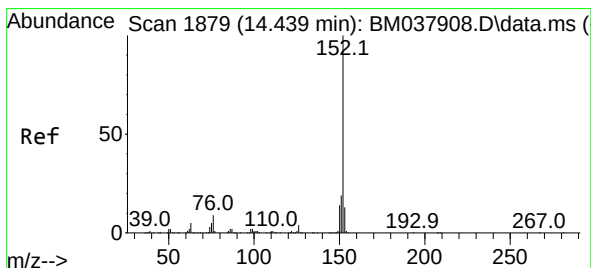
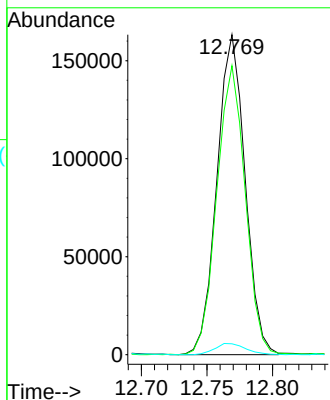
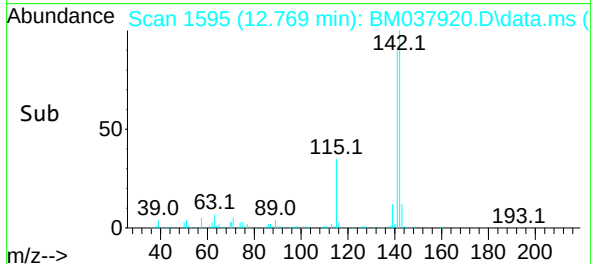
Instrument :
BNA_M
ClientSampleId :
DBXM9



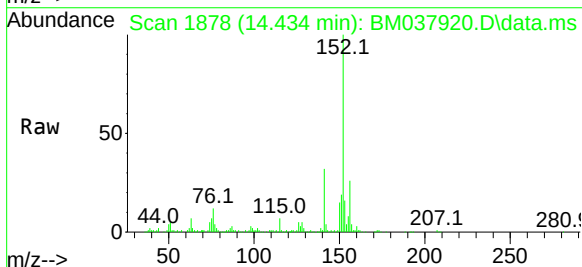
Tgt Ion:142 Resp: 244035
Ion Ratio Lower Upper
142 100
141 90.3 72.4 108.6
116 3.4 2.9 4.3

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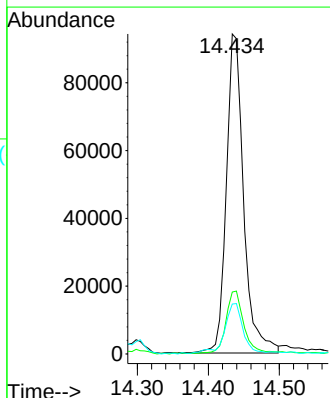
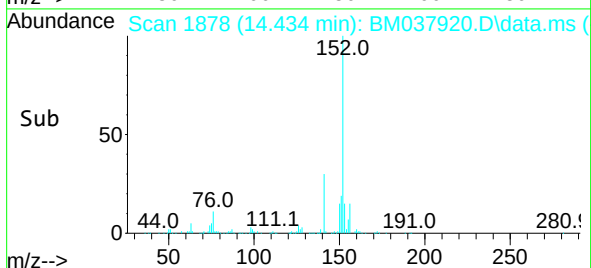
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

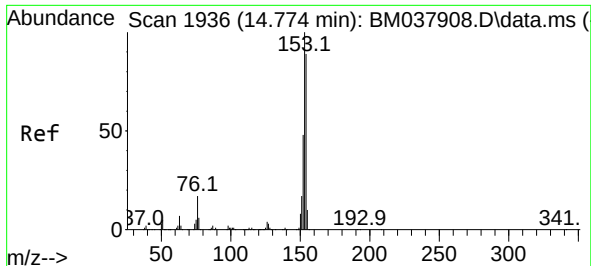


#50
Acenaphthylene
Concen: 2.545 ng/ul
RT: 14.434 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07



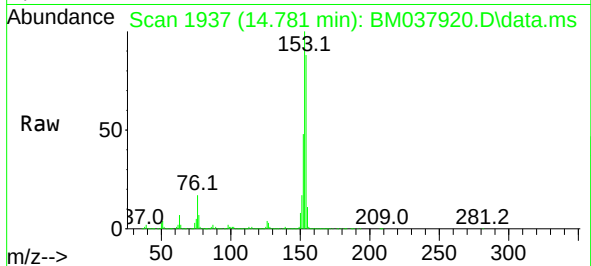
Tgt Ion:152 Resp: 159560
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9
153 15.6 10.2 15.4#





#52
Acenaphthene
Concen: 68.423 ng/uI
RT: 14.781 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

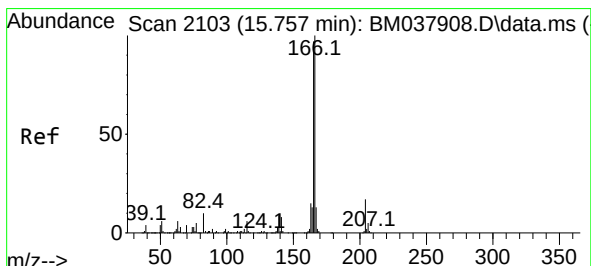
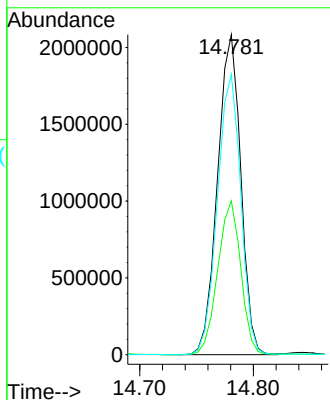
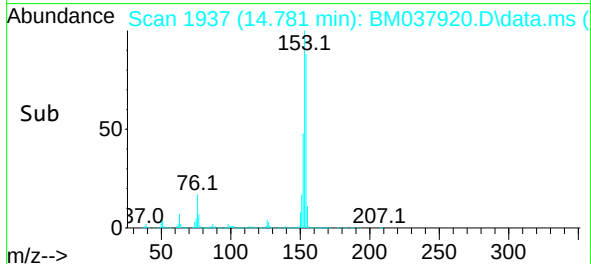
Instrument :
BNA_M
ClientSampleId :
DBXM9



Tgt Ion:153 Resp: 2967384
Ion Ratio Lower Upper
153 100
152 48.1 38.2 57.4
154 87.6 71.4 107.0

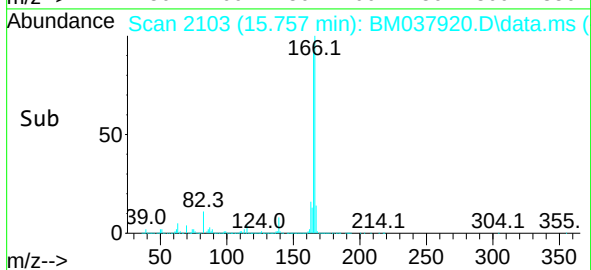
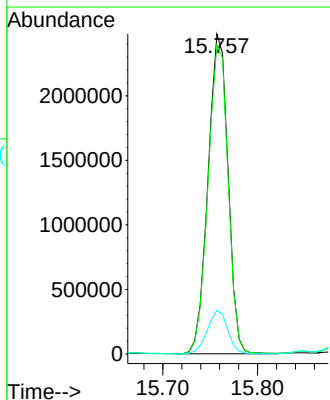
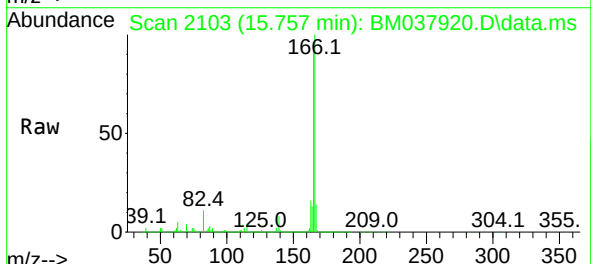
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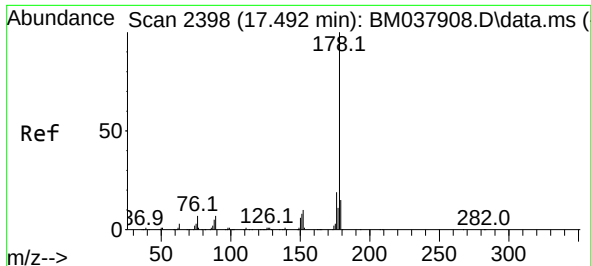
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#61
Fluorene
Concen: 75.064 ng/uI
RT: 15.757 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

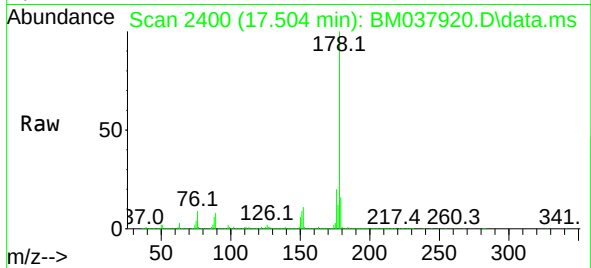
Tgt Ion:166 Resp: 3624592
Ion Ratio Lower Upper
166 100
165 96.5 77.2 115.8
167 13.6 10.4 15.6





#72
Phenanthrene
Concen: 142.385 ng/u1
RT: 17.504 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

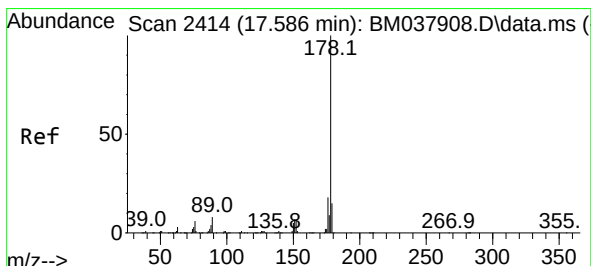
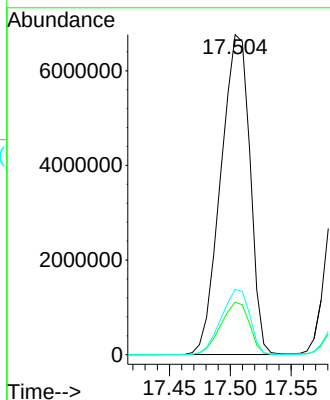
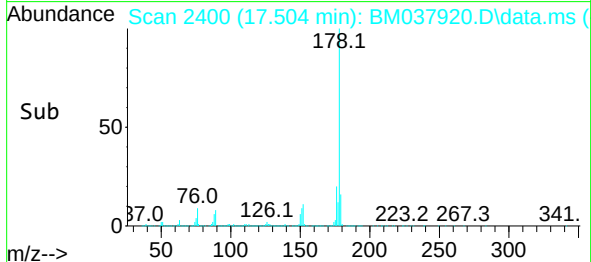
Instrument :
BNA_M
ClientSampleId :
DBXM9



Tgt Ion:178 Resp:11271135
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.2
176 20.4 15.4 23.0

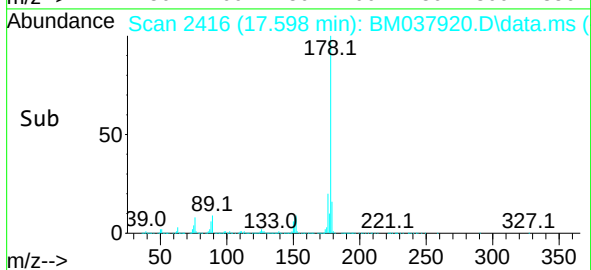
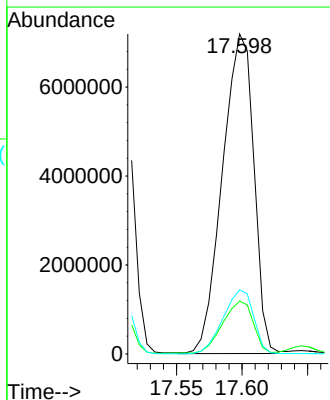
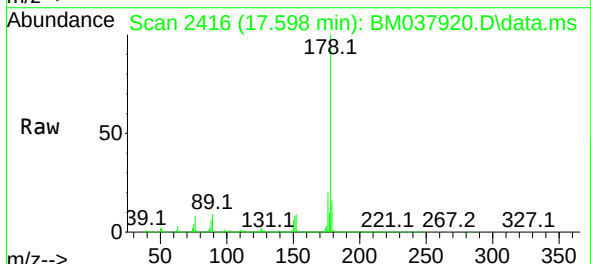
Manual Integrations
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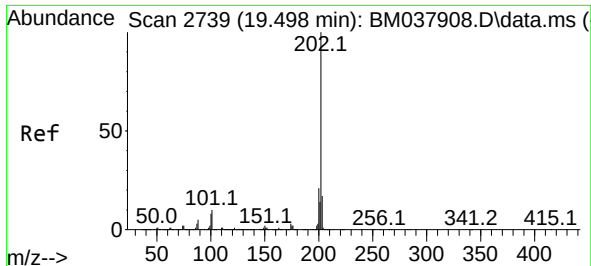
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022



#74
Anthracene
Concen: 149.078 ng/u1
RT: 17.598 min Scan# 2416
Delta R.T. 0.012 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

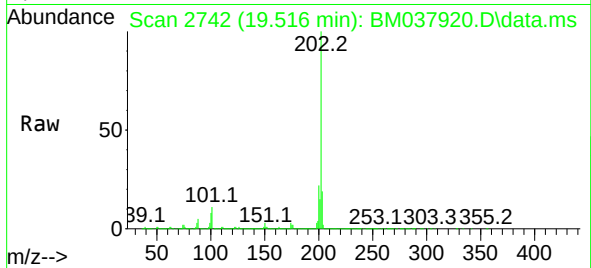
Tgt Ion:178 Resp:11992736
Ion Ratio Lower Upper
178 100
179 16.5 11.8 17.8
176 20.1 15.0 22.6





#80
Fluoranthene
Concen: 161.286 ng/u1
RT: 19.516 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

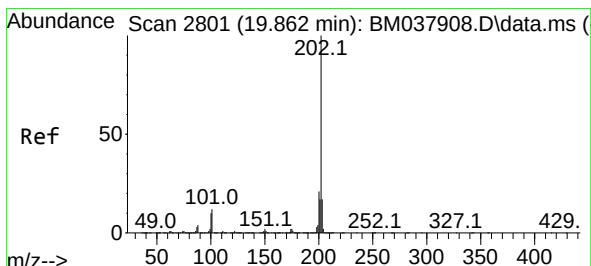
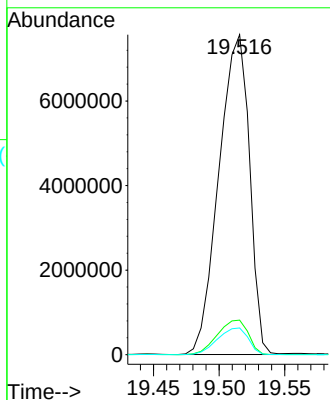
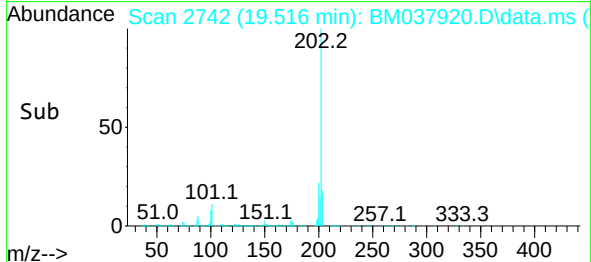
Instrument :
BNA_M
ClientSampleId :
DBXM9



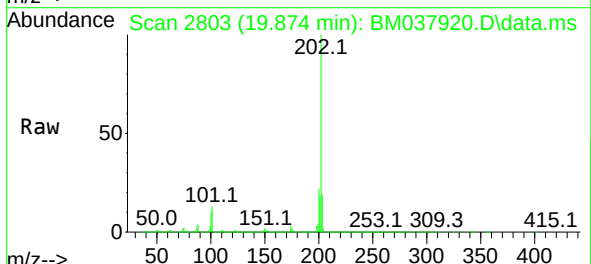
Tgt Ion:202 Resp:12266554
Ion Ratio Lower Upper
202 100
101 10.8 8.6 13.0
100 8.3 6.6 10.0

Manual Integrations
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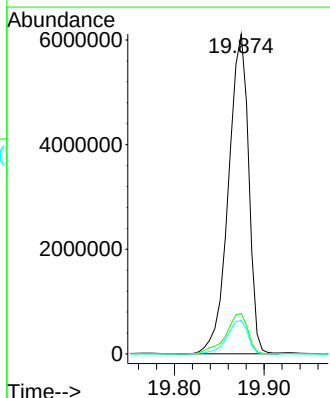
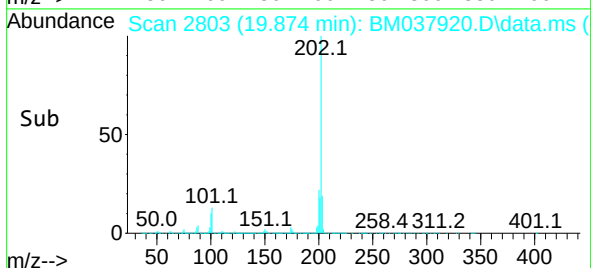
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

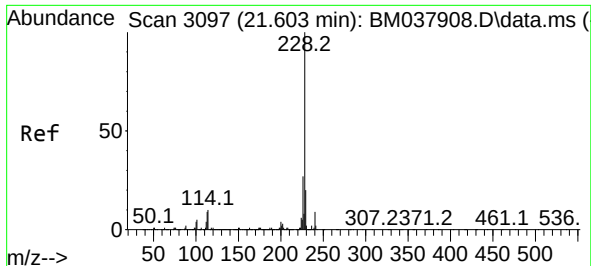


#82
Pyrene
Concen: 120.590 ng/u1
RT: 19.874 min Scan# 2803
Delta R.T. 0.012 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07



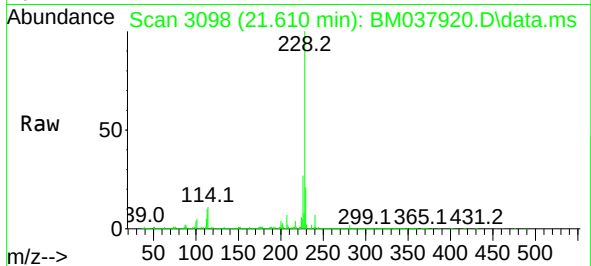
Tgt Ion:202 Resp: 9545058
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 10.5 7.9 11.9





#85
Benzo(a)anthracene
Concen: 31.855 ng/u1
RT: 21.610 min Scan# 3097
Delta R.T. 0.006 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

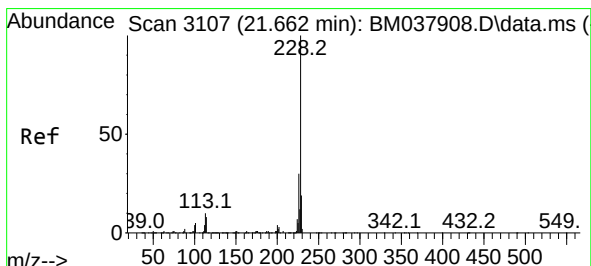
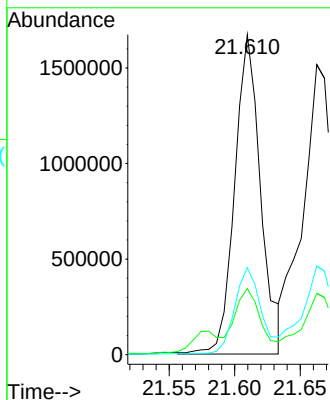
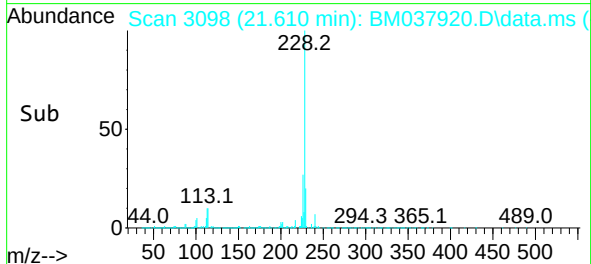
Instrument :
BNA_M
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DBXM9



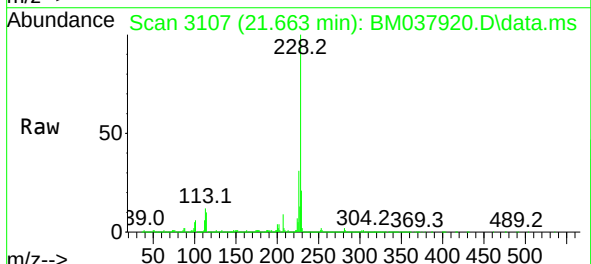
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Ion Ratio Lower Upper
228 100
229 20.6 15.5 23.3
226 27.2 21.8 32.8

Manual Integrations
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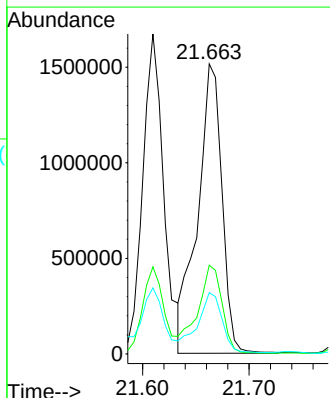
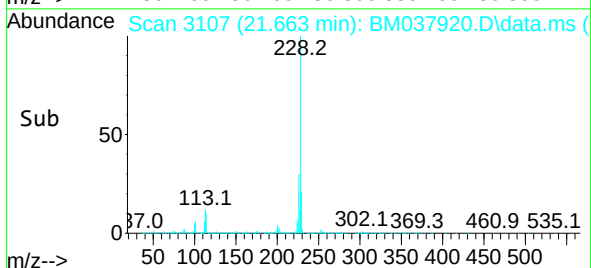
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

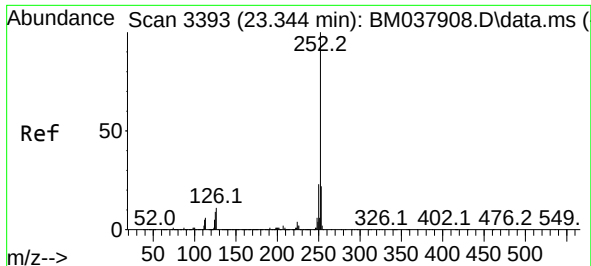


#87
Chrysene
Concen: 35.457 ng/u1
RT: 21.663 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07



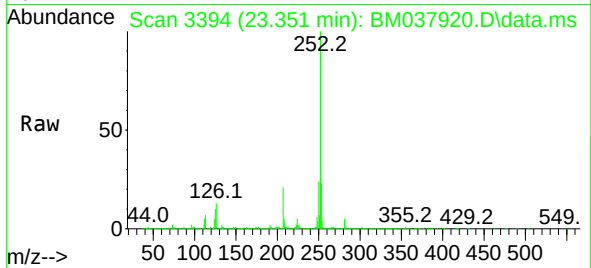
Tgt Ion:228 Resp: 2402734
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.1 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 32.792 ng/ul
RT: 23.351 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

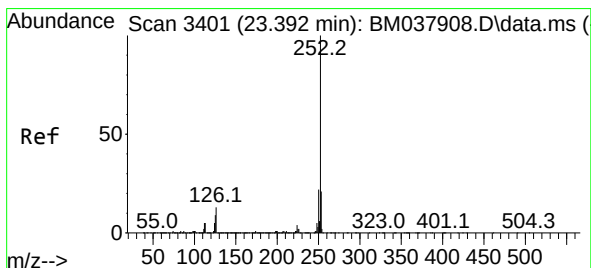
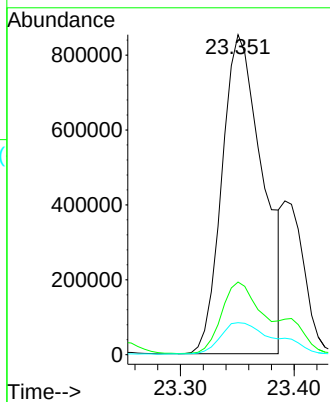
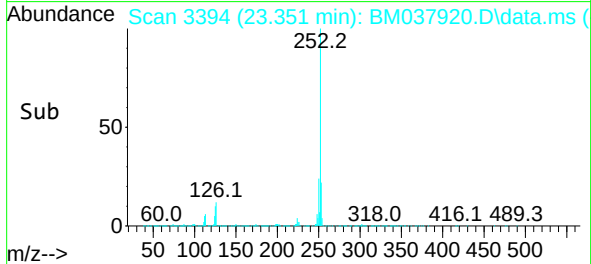
Instrument :
BNA_M
ClientSampleId :
DBXM9



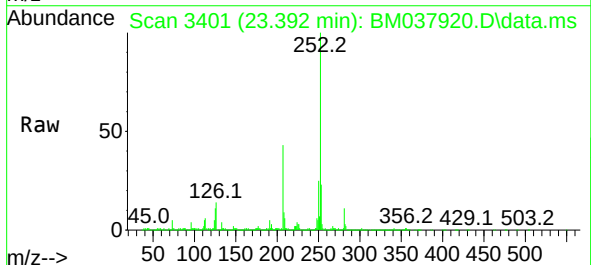
Tgt Ion:252 Resp: 2130570
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.0 8.0 12.0

Manual Integrations
APPROVED

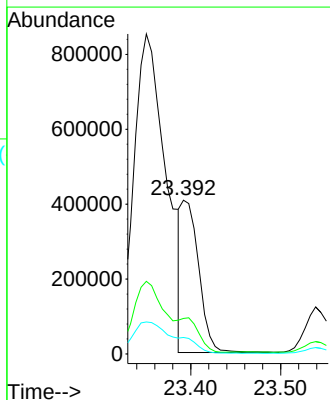
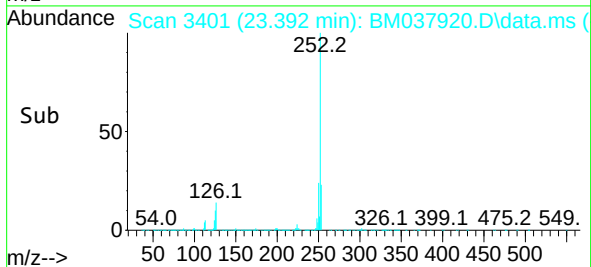
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

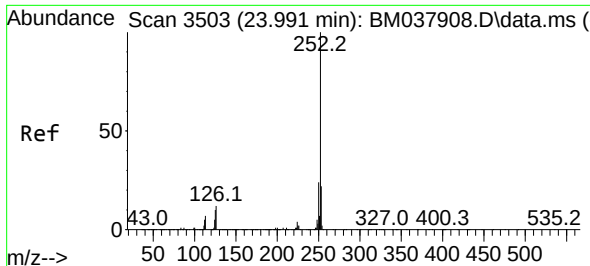


#91
Benzo(k)fluoranthene
Concen: 8.656 ng/ul m
RT: 23.392 min Scan# 3401
Delta R.T. 0.000 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07



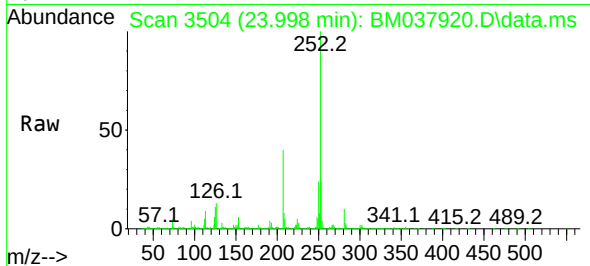
Tgt Ion:252 Resp: 545063
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 10.7 8.1 12.1





#93
Benzo(a)pyrene
Concen: 15.373 ng/ul
RT: 23.998 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

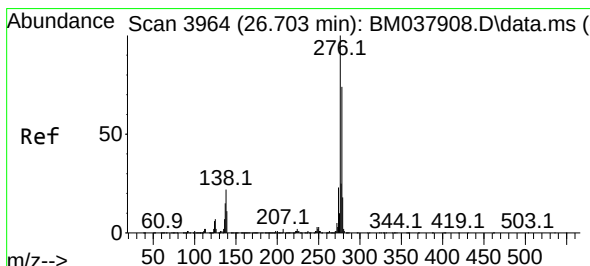
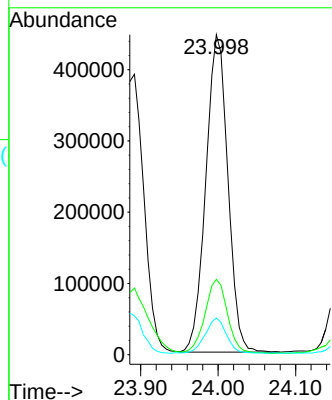
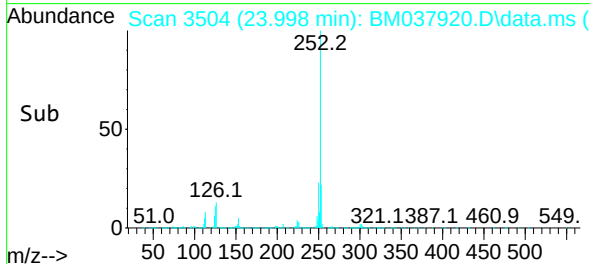
Instrument :
BNA_M
ClientSampleId :
DBXM9



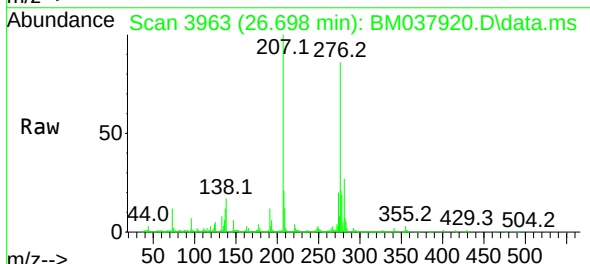
Tgt Ion:252 Resp: 878350
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 11.5 9.4 14.0

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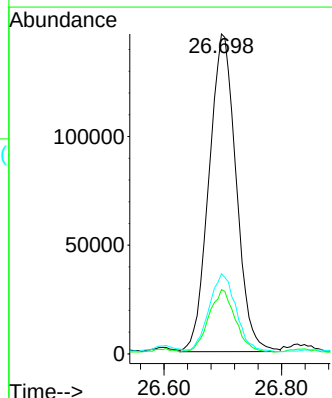
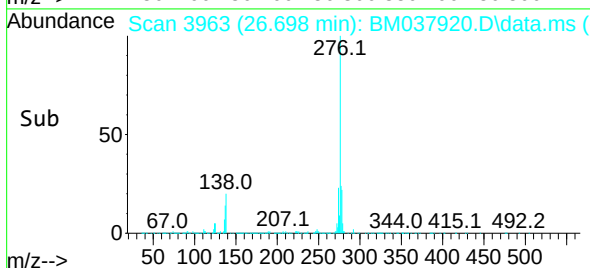
Reviewed By :Jagrut Upadhyay 12/10/2022
Supervised By :mohammad ahmed 12/10/2022

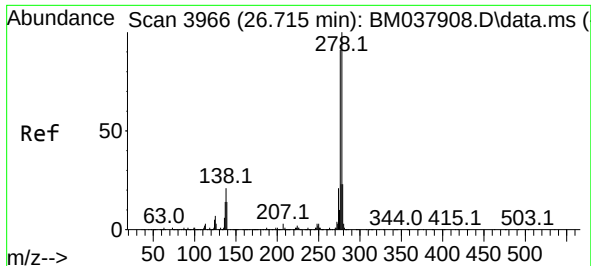


#94
Indeno(1,2,3-cd)pyrene
Concen: 6.360 ng/ul
RT: 26.698 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07



Tgt Ion:276 Resp: 467963
Ion Ratio Lower Upper
276 100
138 20.1 19.3 28.9
277 25.0 19.8 29.8





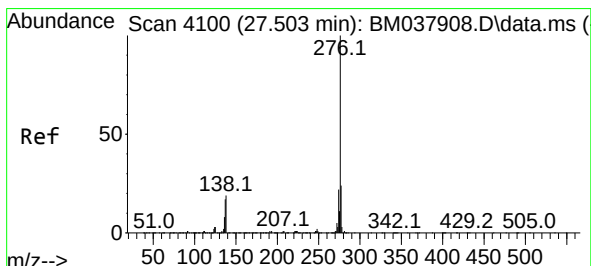
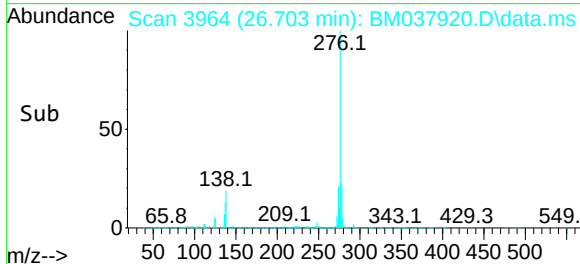
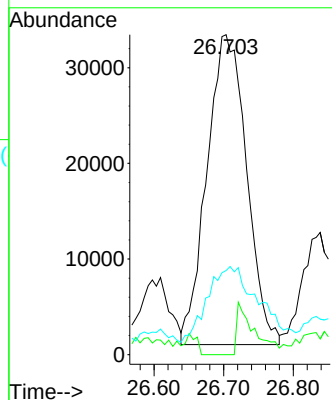
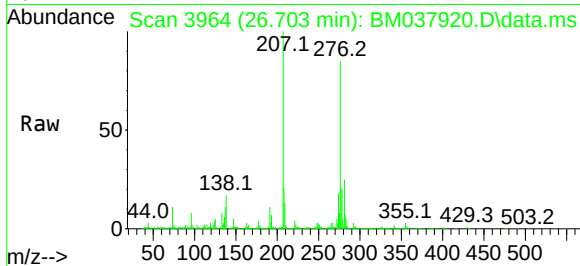
#95
Dibenzo(a,h)anthracene
Concen: 2.068 ng/ul m
RT: 26.703 min Scan# 3966
Delta R.T. -0.011 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

Instrument :
BNA_M
ClientSampleId :
DBXM9

Tgt Ion:278 Resp: 12828
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6
279 26.3 19.8 29.6

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Supervised By :mohammad ahmed 12/10/2022



#96
Benzo(g,h,i)perylene
Concen: 5.821 ng/ul
RT: 27.503 min Scan# 4100
Delta R.T. 0.000 min
Lab File: BM037920.D
Acq: 09 Dec 2022 17:07

Tgt Ion:276 Resp: 342014
Ion Ratio Lower Upper
276 100
138 19.3 17.1 25.7
277 25.0 18.2 27.4

