

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043724.D
 Acq On : 03 Jan 2024 09:42
 Operator : MA/JU
 Sample : 05952-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF90

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 23:36:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	239194	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	1007572	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	576066	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.410	188	1037392m	20.000	ng/u1	0.07
79) Chrysene-d12	21.574	240	1364403	20.000	ng/u1	0.05
88) Perylene-d12	23.997	264	1173713	20.000	ng/u1	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	24364	3.310	ng/uL	0.00
4) Pyridine-d5	3.816	84	55870	2.638	ng/u1	0.03
7) Phenol-d5	7.134	99	585639	21.523	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	350913	20.363	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	464562	22.361	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	462305	21.895	ng/u1	0.01
21) Nitrobenzene-d5	9.134	128	229108	23.502	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	256796	25.495	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	440124	24.753	ng/u1	0.01
31) 4-Chloroaniline-d4	10.945	131	3393	0.130	ng/u1	0.04
46) Dimethylphthalate-d6	14.016	166	1189290	22.934	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1514444	24.618	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	172962	17.622	ng/u1	0.04
60) Fluorene-d10	15.598	176	1080082	25.187	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.733	200	201692m	29.397	ng/u1	0.02
73) Anthracene-d10	17.504	188	1520406m	26.133	ng/u1	0.06
81) Pyrene-d10	19.803	212	1338000	12.421	ng/u1	0.08
92) Benzo(a)pyrene-d12	23.839	264	1703657	23.522	ng/u1	0.06
Target Compounds					Qvalue	
16) Acetophenone	8.792	105	51493	1.593	ng/u1	94
37) 1-Methylnaphthalene	12.645	142	48794	1.107	ng/u1#	99
50) Acenaphthylene	14.321	152	179928	2.547	ng/u1#	67
56) Dibenzofuran	14.998	168	418520m	6.960	ng/u1	
58) 2,3,4,6-Tetrachlorophenol	15.239	232	3788418	373.256	ng/u1#	82
71) Pentachlorophenol	17.033	266	35973757m	4226.061	ng/u1	
72) Phenanthrene	17.451	178	11510118	163.704	ng/u1	96
74) Anthracene	17.533	178	1088024m	15.333	ng/u1	
80) Fluoranthene	19.462	202	1350317	10.123	ng/u1#	96
82) Pyrene	19.833	202	3183762	23.216	ng/u1#	89
83) Butylbenzylphthalate	20.715	149	975937	16.460	ng/u1#	92
86) Bis(2-ethylhexyl)phtha...	21.474	149	3183544	37.715	ng/u1#	90
87) Chrysene	21.609	228	1578135m	15.376	ng/u1	

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

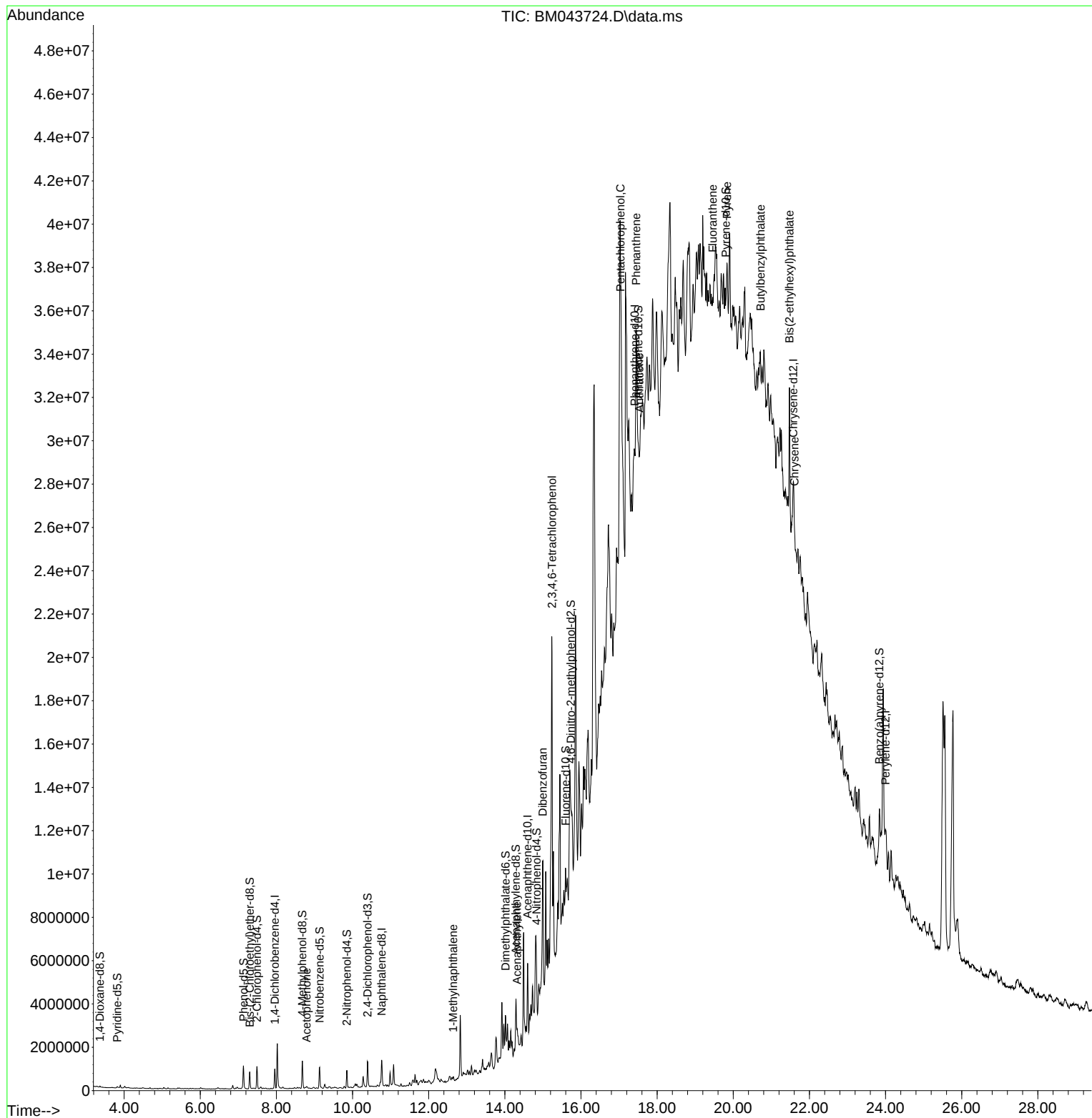
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043724.D
Acq On : 03 Jan 2024 09:42
Operator : MA/JU
Sample : 05952-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

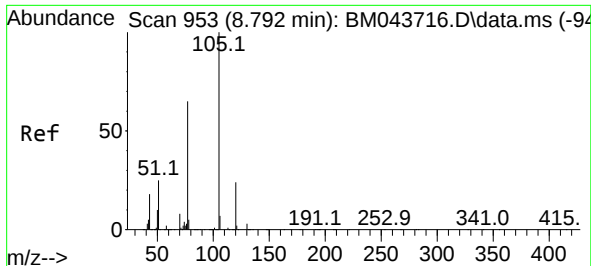
Instrument :
BNA_M
ClientSampleId :
GCF90

Quant Time: Jan 03 23:36:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Manual Integrations
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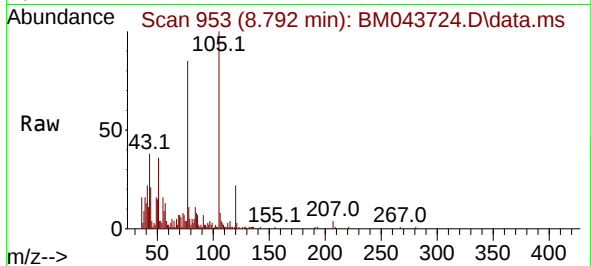
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024





#16
Acetophenone
Concen: 1.593 ng/ul
RT: 8.792 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

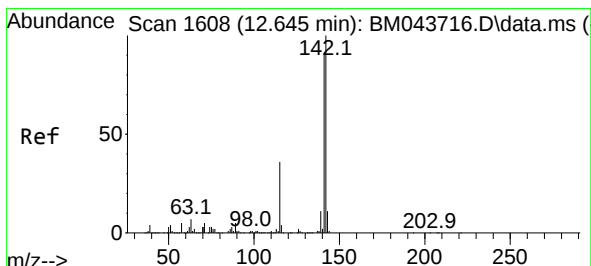
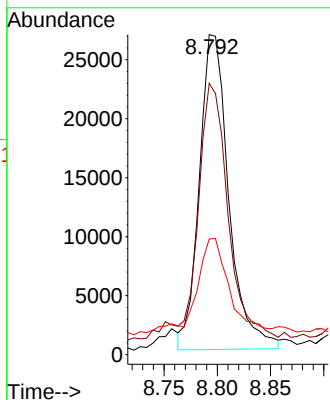
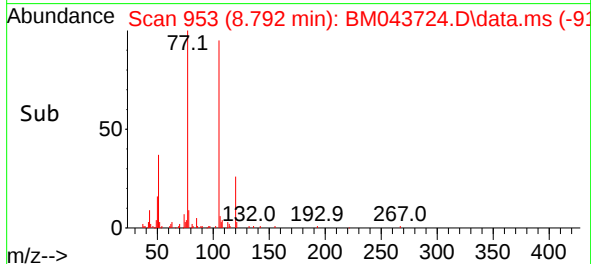
Instrument :
BNA_M
ClientSampleId :
GCF90



Tgt Ion:105 Resp: 5149
Ion Ratio Lower Upper
105 100
77 84.8 65.1 97.7
51 36.1 24.3 36.5

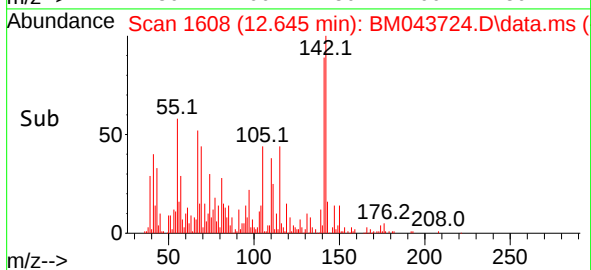
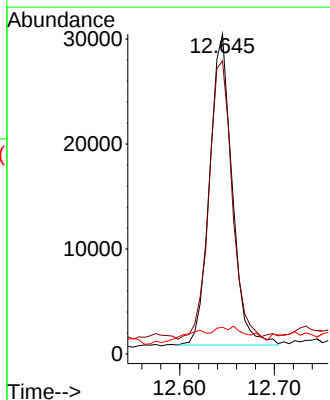
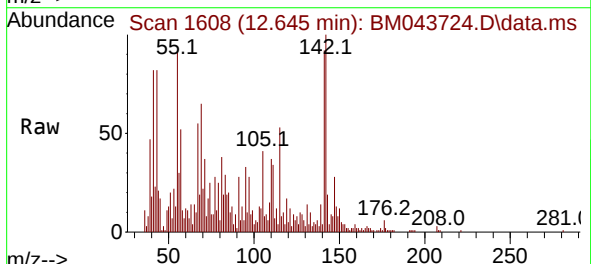
Manual Integrations
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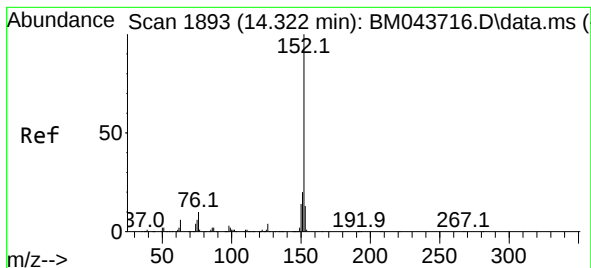
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#37
1-Methylnaphthalene
Concen: 1.107 ng/ul
RT: 12.645 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

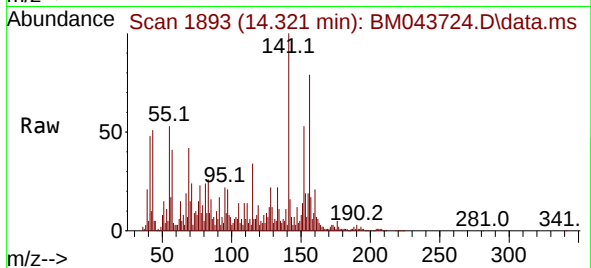
Tgt Ion:142 Resp: 48794
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4
116 8.4 3.0 4.6#





#50
Acenaphthylene
Concen: 2.547 ng/ul
RT: 14.321 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

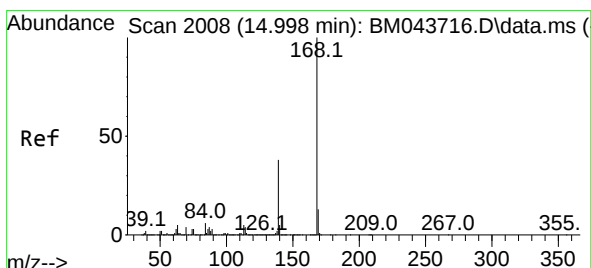
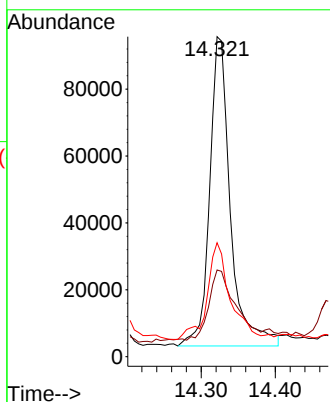
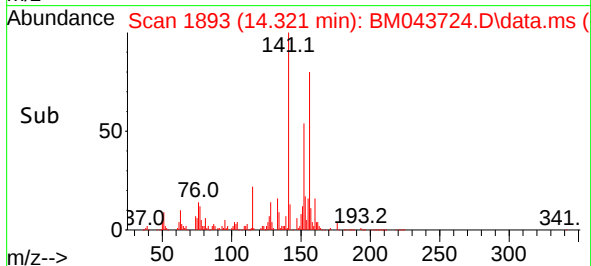
Instrument :
BNA_M
ClientSampleId :
GCF90



Tgt Ion:152 Resp: 179928
Ion Ratio Lower Upper
152 100
151 27.1 15.6 23.4
153 35.6 10.2 15.4

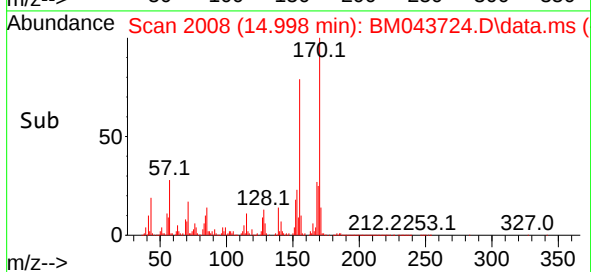
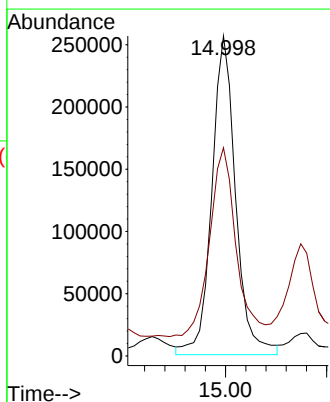
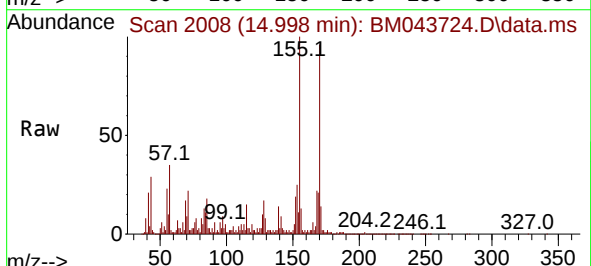
Manual Integrations
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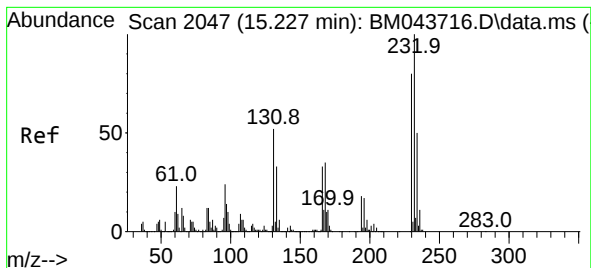
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#56
Dibenzofuran
Concen: 6.960 ng/ul m
RT: 14.998 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

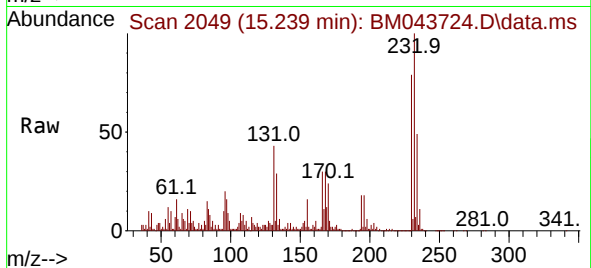
Tgt Ion:168 Resp: 418520
Ion Ratio Lower Upper
168 100
139 65.1 31.8 47.8#





#58
2,3,4,6-Tetrachlorophenol
Concen: 373.256 ng/ul
RT: 15.239 min Scan# 2049
Delta R.T. 0.023 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

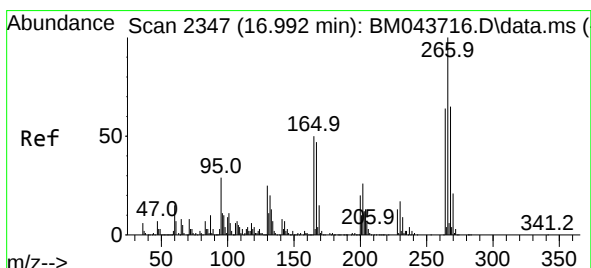
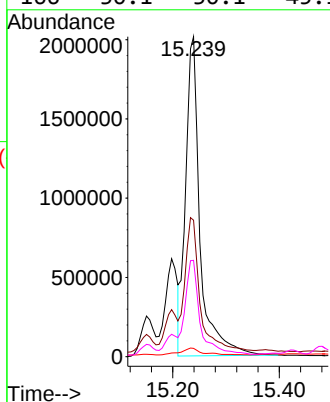
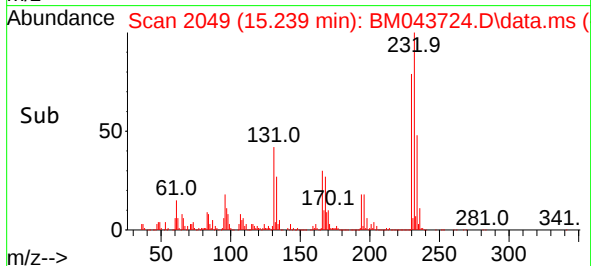
Instrument :
BNA_M
ClientSampleId :
GCF90



Tgt Ion:232 Resp: 3788418
Ion Ratio Lower Upper
232 100
131 42.7 47.4 71.0
130 2.6 2.4 3.6
166 30.1 30.1 45.1

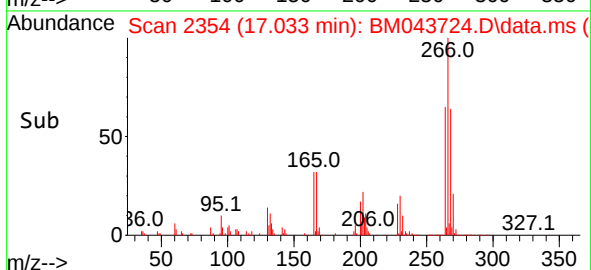
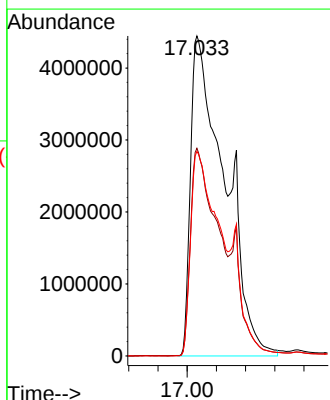
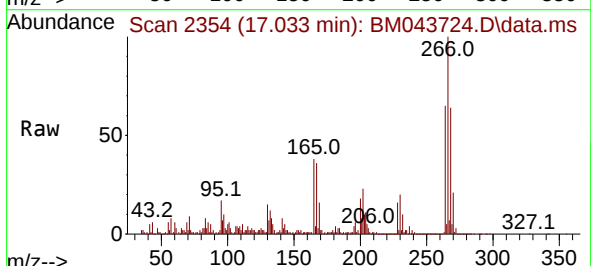
Manual Integrations
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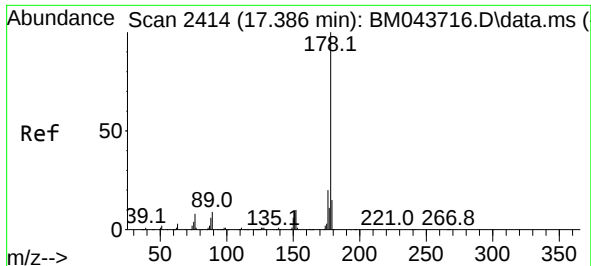
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#71
Pentachlorophenol
Concen: 4226.061 ng/ul m
RT: 17.033 min Scan# 2354
Delta R.T. 0.053 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

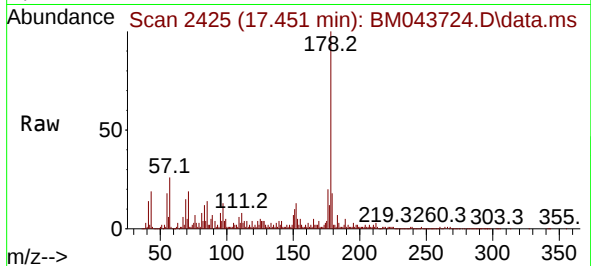
Tgt Ion:266 Resp:35973757
Ion Ratio Lower Upper
266 100
264 64.9 49.9 74.9
268 63.9 51.0 76.6





#72
Phenanthrene
Concen: 163.704 ng/ul
RT: 17.451 min Scan# 2414
Delta R.T. 0.070 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

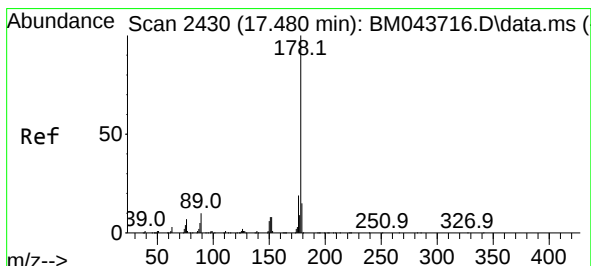
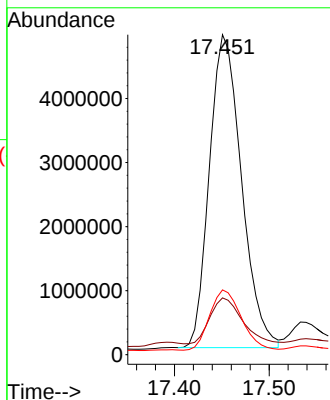
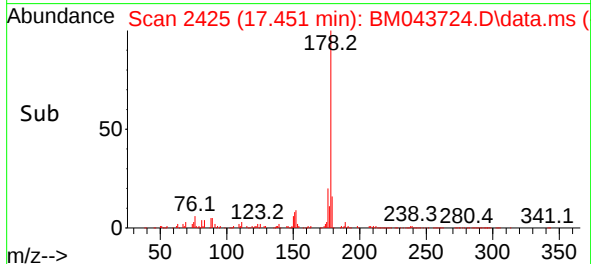
Instrument :
BNA_M
ClientSampleId :
GCF90



Tgt Ion:178 Resp:11510118
Ion Ratio Lower Upper
178 100
179 17.8 12.2 18.4
176 20.2 15.5 23.3

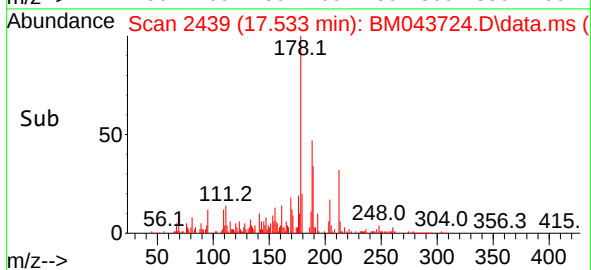
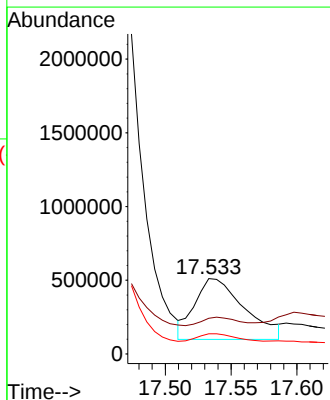
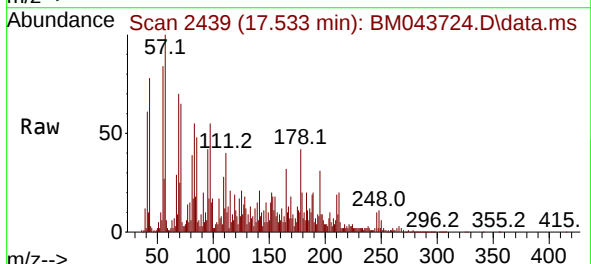
Manual Integrations
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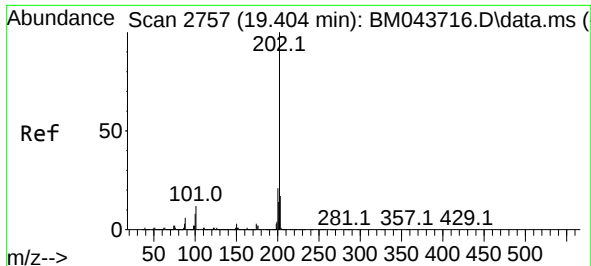
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#74
Anthracene
Concen: 15.333 ng/ul m
RT: 17.533 min Scan# 2439
Delta R.T. 0.059 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

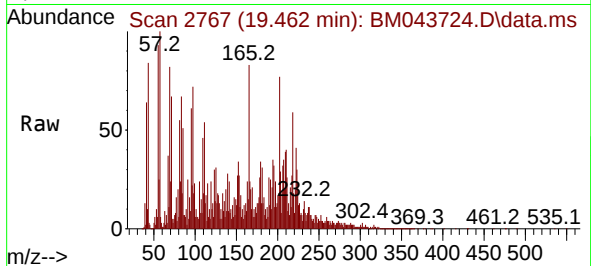
Tgt Ion:178 Resp: 1088024
Ion Ratio Lower Upper
178 100
179 47.3 12.4 18.6#
176 26.8 15.2 22.8#





#80
Fluoranthene
Concen: 10.123 ng/u1
RT: 19.462 min Scan# 21
Delta R.T. 0.070 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

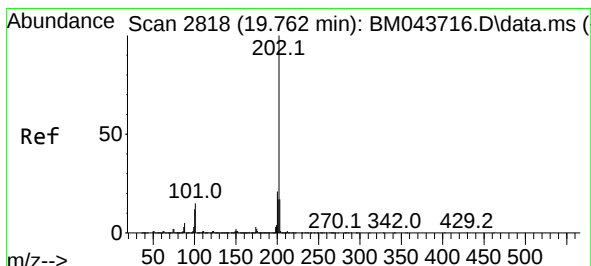
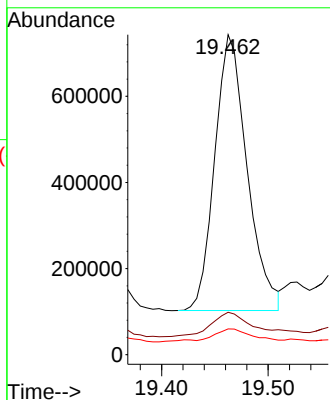
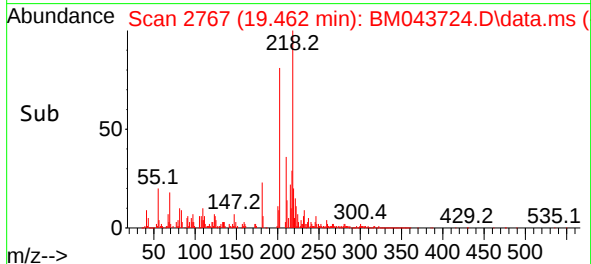
Instrument :
BNA_M
ClientSampleId :
GCF90



Tgt Ion:202 Resp: 135031
Ion Ratio Lower Upper
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101 13.2 11.4 17.0
100 8.1 8.2 12.4

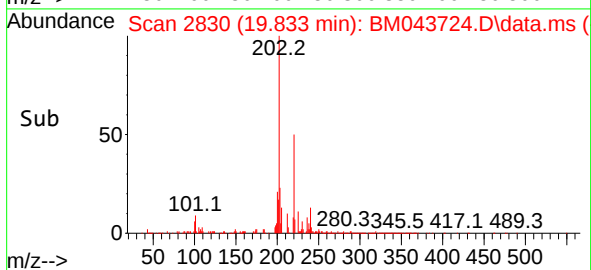
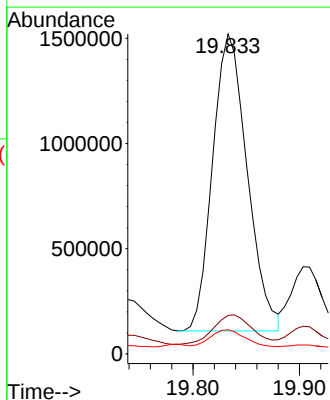
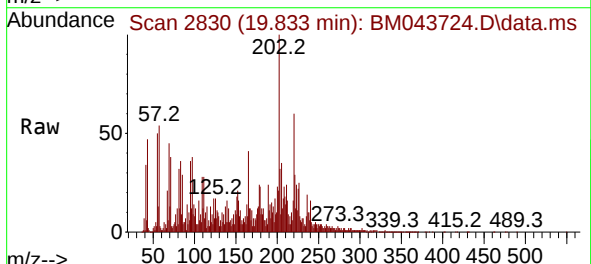
Manual Integrations
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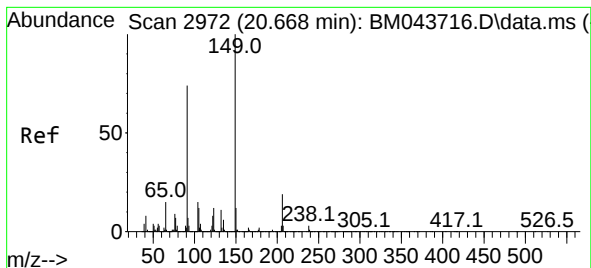
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#82
Pyrene
Concen: 23.216 ng/u1
RT: 19.833 min Scan# 2830
Delta R.T. 0.076 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

Tgt Ion:202 Resp: 3183762
Ion Ratio Lower Upper
202 100
101 12.1 12.7 19.1#
100 7.6 10.1 15.1#





#83

Butylbenzylphthalate

Concen: 16.460 ng/ul

RT: 20.715 min Scan# 2972

Delta R.T. 0.047 min

Lab File: BM043724.D

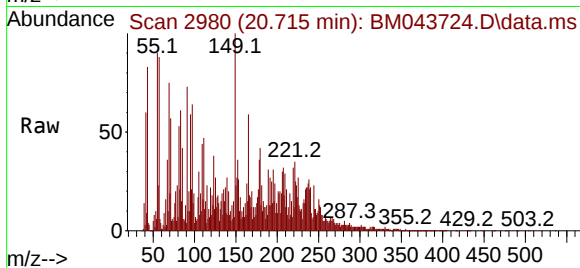
Acq: 03 Jan 2024 09:42

Instrument :

BNA_M

ClientSampleId :

GCF90



Tgt Ion:149 Resp: 97593

Ion Ratio Lower Upper

149 100

91 72.7 60.5 90.7

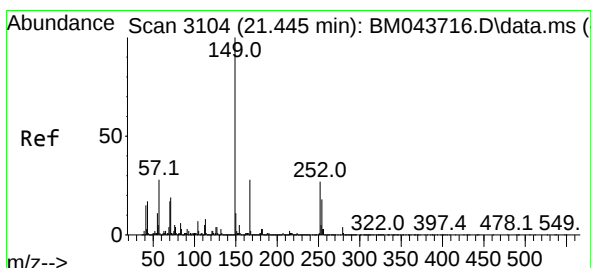
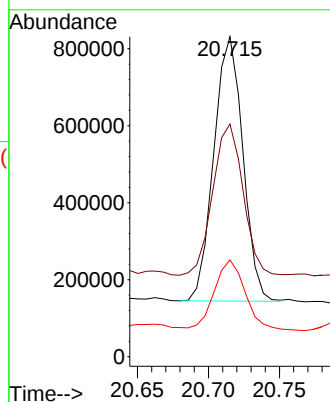
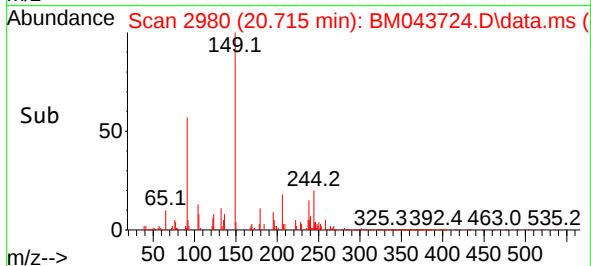
206 30.3 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/05/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.715 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. 0.029 min

Lab File: BM043724.D

Acq: 03 Jan 2024 09:42

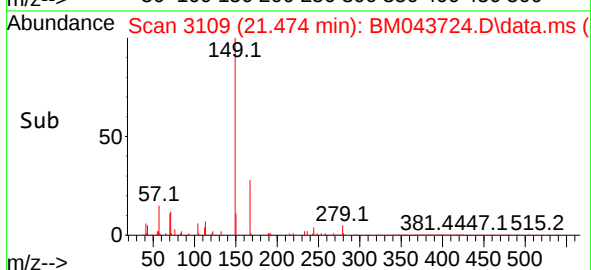
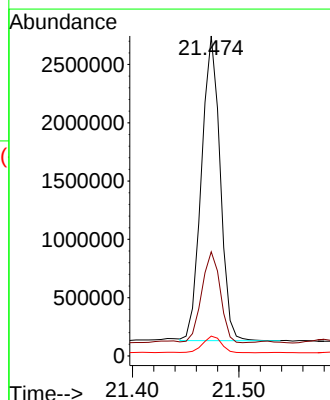
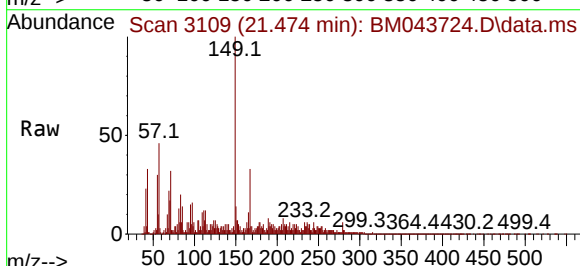
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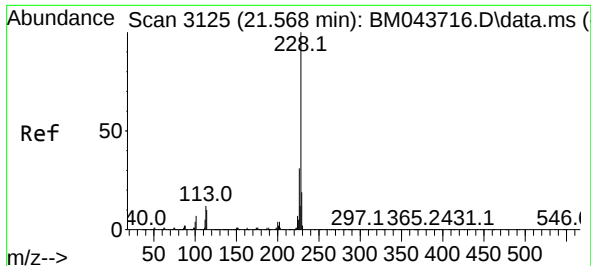
Ion Ratio Lower Upper

149 100

167 32.5 21.6 32.4#

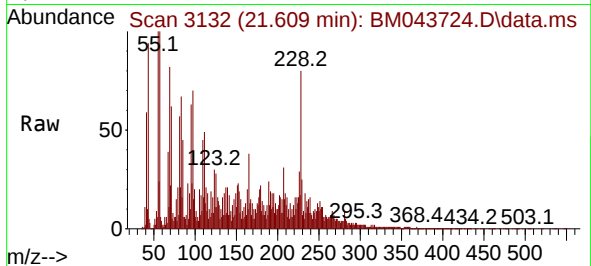
279 6.2 2.8 4.2#





#87
Chrysene
Concen: 15.376 ng/ul m
RT: 21.609 min Scan# 31
Delta R.T. 0.053 min
Lab File: BM043724.D
Acq: 03 Jan 2024 09:42

Instrument :
BNA_M
ClientSampleId :
GCF90



Tgt Ion:228 Resp: 157813
Ion Ratio Lower Upper
228 100
226 36.9 24.2 36.2
229 30.9 15.9 23.9

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 01/05/2024

