

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043725.D
 Acq On : 03 Jan 2024 10:18
 Operator : MA/JU
 Sample : 05952-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97

Manual Integrations
 APPROVED

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

Quant Time: Jan 03 23:48:28 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	7.963	152	223367	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	920068	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.610	164	687269	20.000	ng/u1	# 0.02
64) Phenanthrene-d10	17.486	188	586147m	20.000	ng/u1	0.15
79) Chrysene-d12	21.586	240	2022965m	20.000	ng/u1	0.06
88) Perylene-d12	24.027	264	1290729m	20.000	ng/u1	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	13187	1.919	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.140	99	313203	12.326	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	198481	12.334	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	256672	13.230	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	245792	12.466	ng/u1	0.02
21) Nitrobenzene-d5	9.134	128	130648	14.677	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	144995	15.764	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	237967	14.656	ng/u1	0.02
31) 4-Chloroaniline-d4	10.939	131	16595	0.695	ng/u1	0.03
46) Dimethylphthalate-d6	14.027	166	783604	12.666	ng/u1	0.01
49) Acenaphthylene-d8	14.304	160	813896	11.090	ng/u1	0.02
54) 4-Nitrophenol-d4	14.857	143	118104	10.086	ng/u1	0.06
60) Fluorene-d10	15.621	176	863745m	16.883	ng/u1	0.04
65) 4,6-Dinitro-2-methylph...	15.780	200	103935m	26.811	ng/u1	0.07
73) Anthracene-d10	17.574	188	754281m	22.946	ng/u1	0.14
81) Pyrene-d10	19.839	212	1329338m	8.323	ng/u1	0.11
92) Benzo(a)pyrene-d12	23.862	264	1099978m	13.810	ng/u1	0.09
Target Compounds						
					Qvalue	
16) Acetophenone	8.804	105	45990	1.523	ng/u1#	94
36) 2-Methylnaphthalene	12.433	142	41600	1.042	ng/u1	87
37) 1-Methylnaphthalene	12.651	142	56906	1.413	ng/u1#	68
42) 2,4,5-Trichlorophenol	13.127	196	34604	2.189	ng/u1	87
50) Acenaphthylene	14.339	152	384895	4.567	ng/u1#	36
58) 2,3,4,6-Tetrachlorophenol	15.263	232	8576062	708.243	ng/u1#	77
71) Pentachlorophenol	17.068	266	30850587m	6414.308	ng/u1	
80) Fluoranthene	19.504	202	7270365m	36.760	ng/u1	
82) Pyrene	19.880	202	22279003m	109.572	ng/u1	
85) Benzo(a)anthracene	21.568	228	3492877m	20.648	ng/u1	
87) Chrysene	21.627	228	16163379	106.212	ng/u1	94
90) Benzo(b)fluoranthene	23.274	252	1360341m	13.753	ng/u1	

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

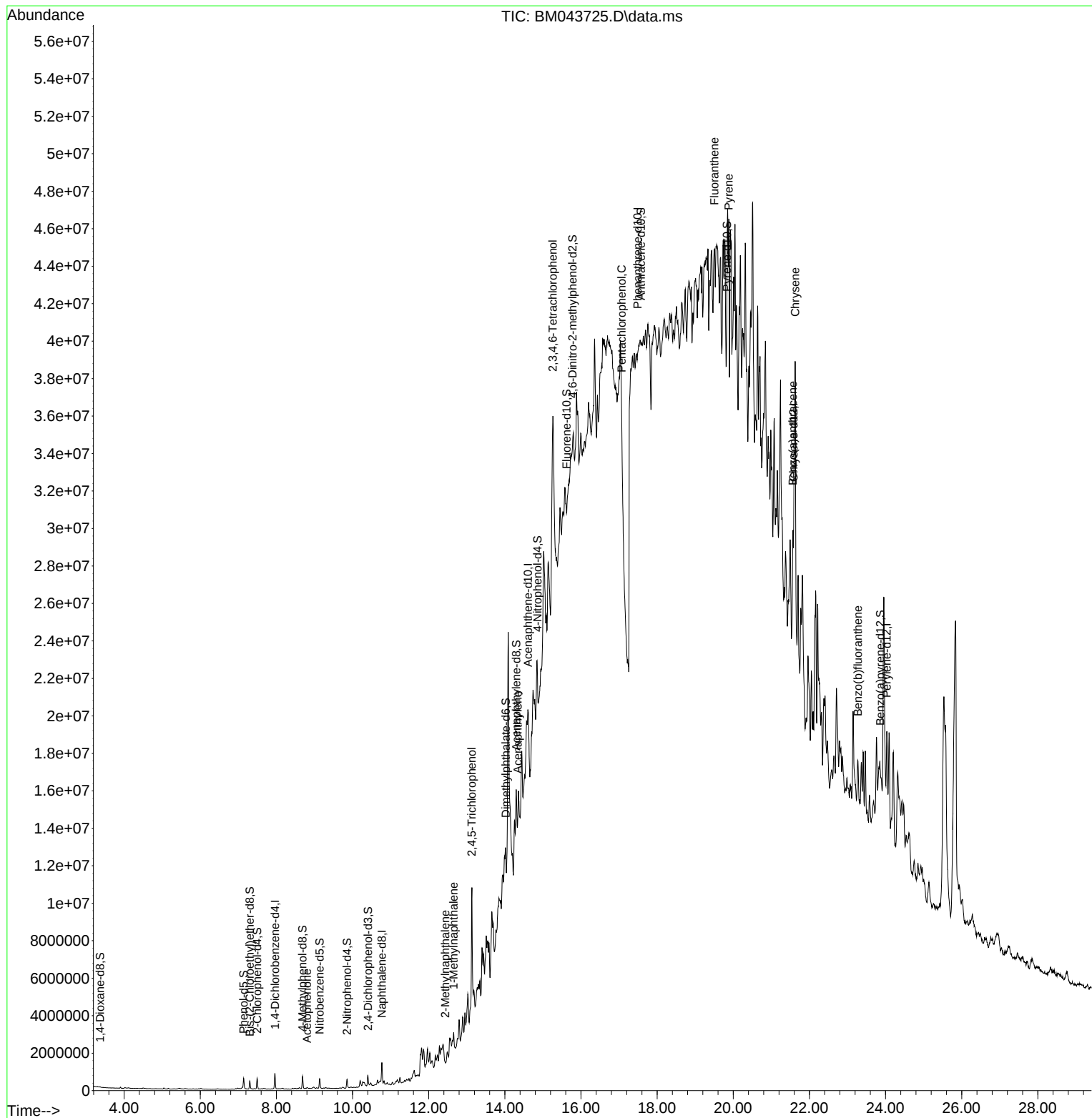
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

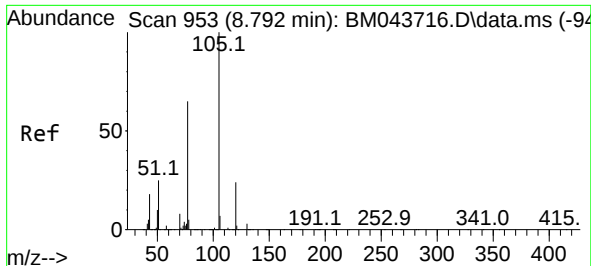
Instrument :
BNA_M
ClientSampleId :
GCF97

Quant Time: Jan 03 23:48:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
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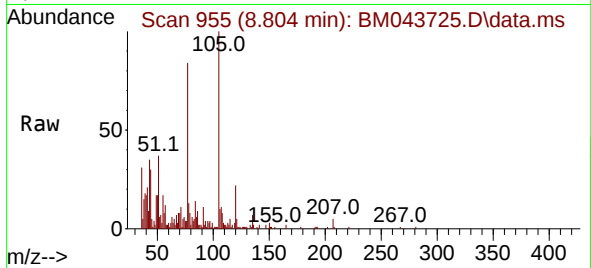
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024





#16
Acetophenone
Concen: 1.523 ng/ul
RT: 8.804 min Scan# 91
Delta R.T. 0.012 min
Lab File: BM043725.D
Acq: 03 Jan 2024 10:18

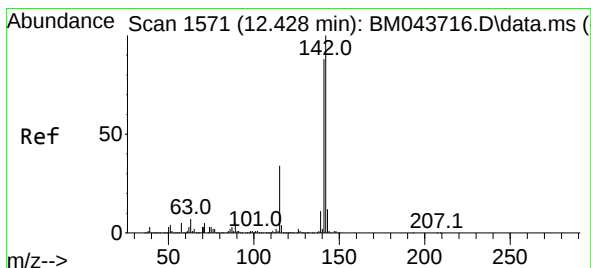
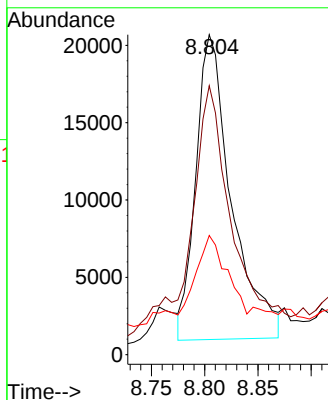
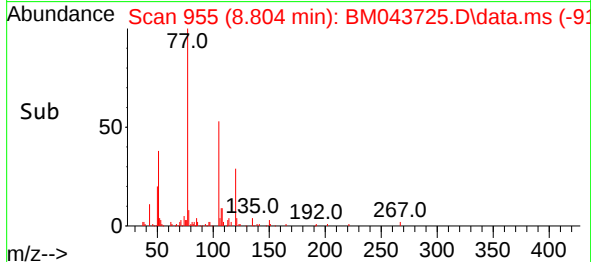
Instrument :
BNA_M
ClientSampleId :
GCF97



Tgt Ion:105 Resp: 45990
Ion Ratio Lower Upper
105 100
77 84.0 65.1 97.7
51 37.2 24.3 36.5

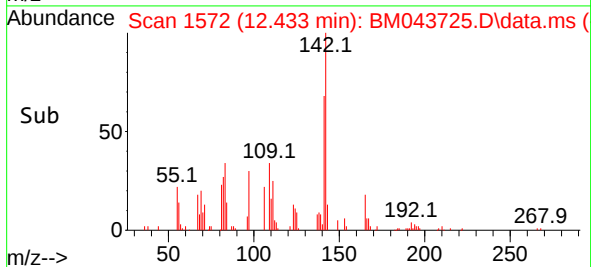
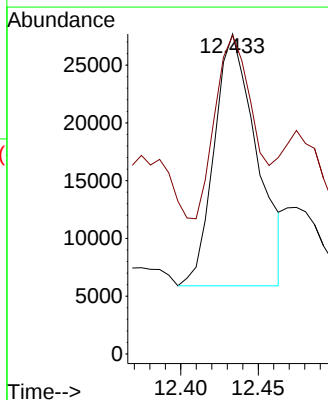
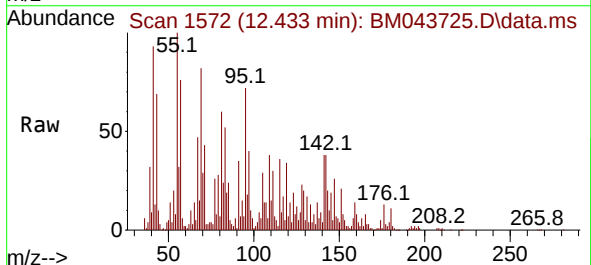
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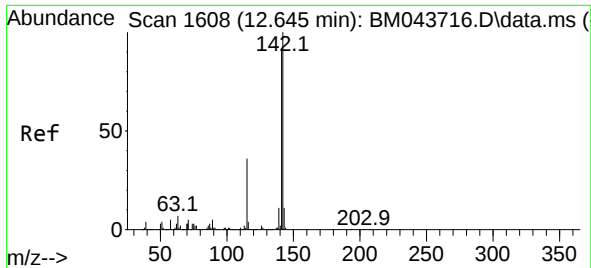
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#36
2-Methylnaphthalene
Concen: 1.042 ng/ul
RT: 12.433 min Scan# 1572
Delta R.T. 0.012 min
Lab File: BM043725.D
Acq: 03 Jan 2024 10:18

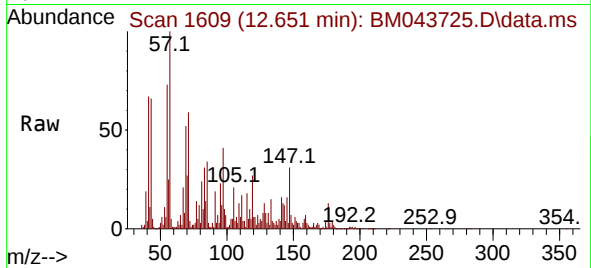
Tgt Ion:142 Resp: 41600
Ion Ratio Lower Upper
142 100
141 99.5 69.9 104.9





#37
1-Methylnaphthalene
Concen: 1.413 ng/ul
RT: 12.651 min Scan# 1609
Delta R.T. 0.012 min
Lab File: BM043725.D
Acq: 03 Jan 2024 10:18

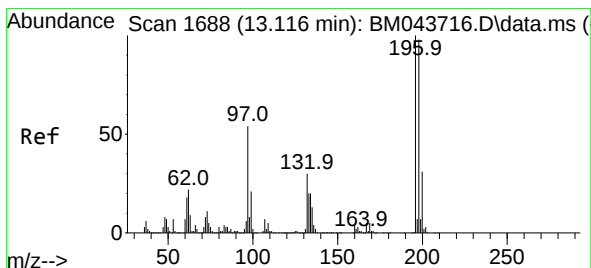
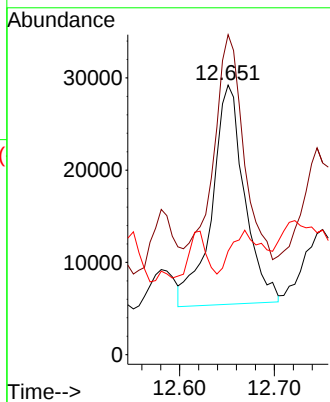
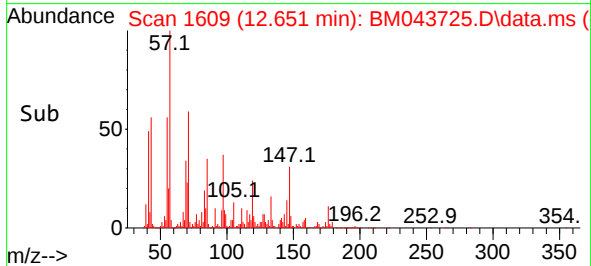
Instrument :
BNA_M
ClientSampleId :
GCF97



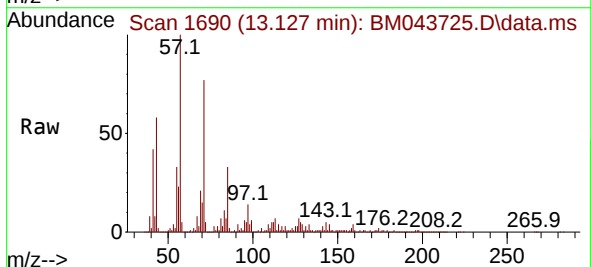
Tgt Ion:142 Resp: 56900
Ion Ratio Lower Upper
142 100
141 118.7 73.0 109.4
116 38.4 3.0 4.6

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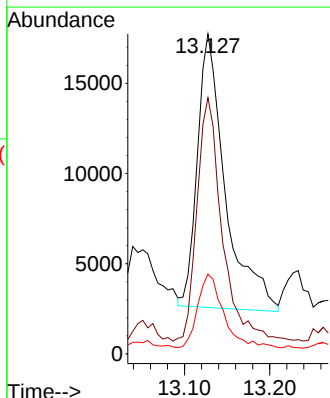
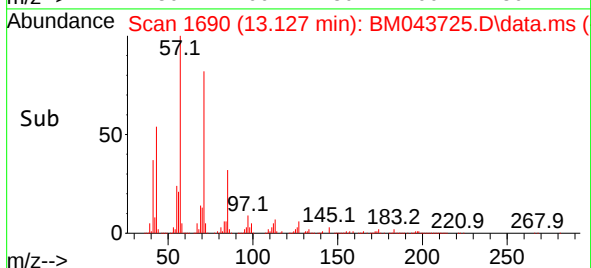
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

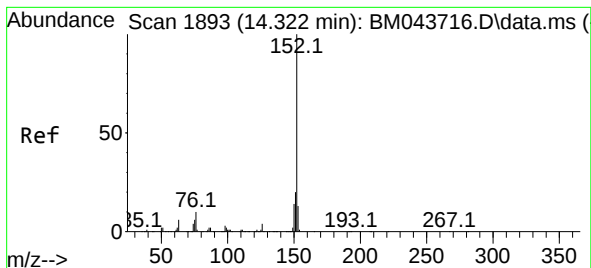


#42
2,4,5-Trichlorophenol
Concen: 2.189 ng/ul
RT: 13.127 min Scan# 1690
Delta R.T. 0.029 min
Lab File: BM043725.D
Acq: 03 Jan 2024 10:18



Tgt Ion:196 Resp: 34604
Ion Ratio Lower Upper
196 100
198 80.0 75.1 112.7
200 24.9 24.6 37.0





#50

Acenaphthylene

Concen: 4.567 ng/ul

RT: 14.339 min Scan# 1896

Delta R.T. 0.023 min

Lab File: BM043725.D

Acq: 03 Jan 2024 10:18

Instrument :

BNA_M

ClientSampleId :

GCF97

Tgt Ion:152 Resp: 38489

Ion Ratio Lower Upper

152 100

151 51.1 15.6 23.4

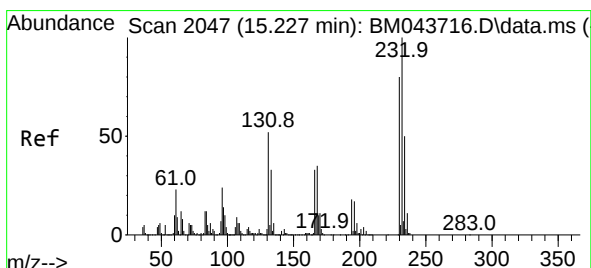
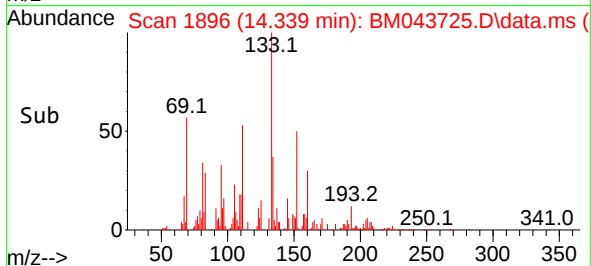
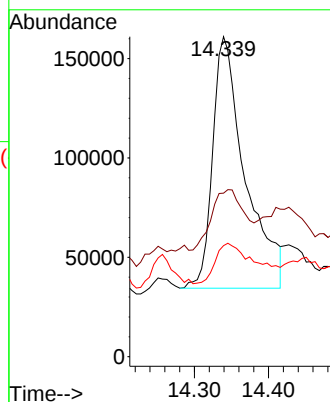
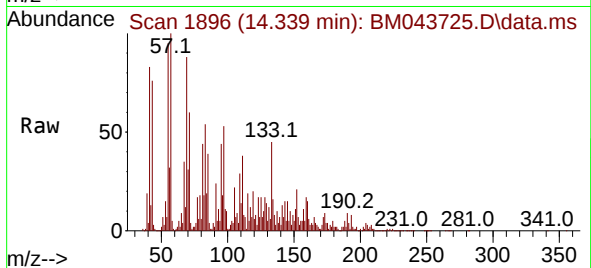
153 34.7 10.2 15.4

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 708.243 ng/ul

RT: 15.263 min Scan# 2053

Delta R.T. 0.047 min

Lab File: BM043725.D

Acq: 03 Jan 2024 10:18

Tgt Ion:232 Resp: 8576062

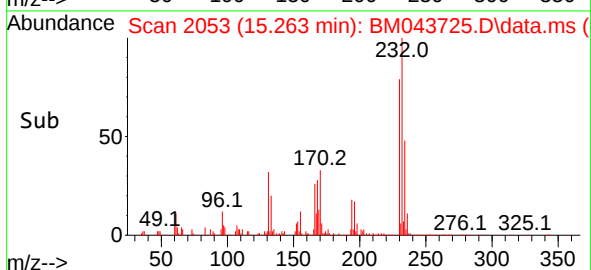
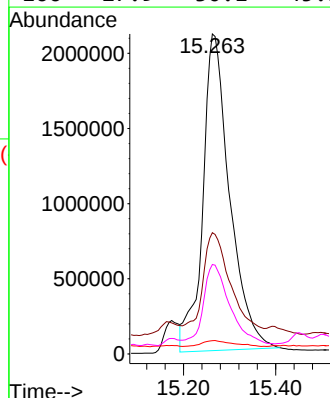
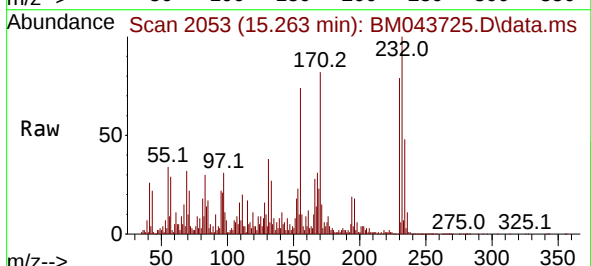
Ion Ratio Lower Upper

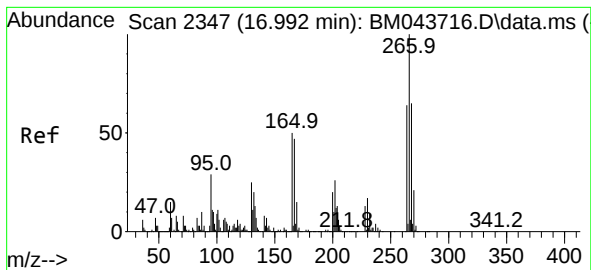
232 100

131 37.9 47.4 71.0#

130 4.2 2.4 3.6#

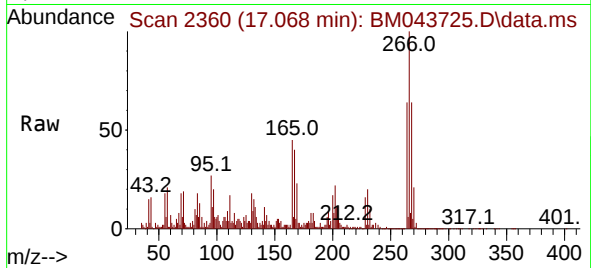
166 27.9 30.1 45.1#





#71
Pentachlorophenol
Concen: 6414.308 ng/ul m
RT: 17.068 min Scan# 21
Delta R.T. 0.088 min
Lab File: BM043725.D
Acq: 03 Jan 2024 10:18

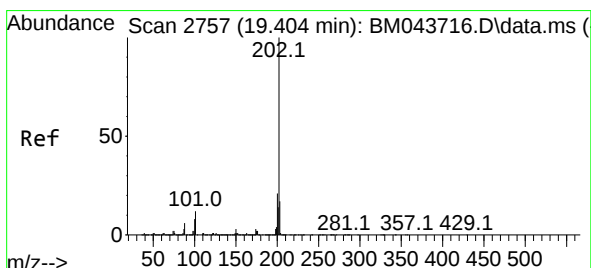
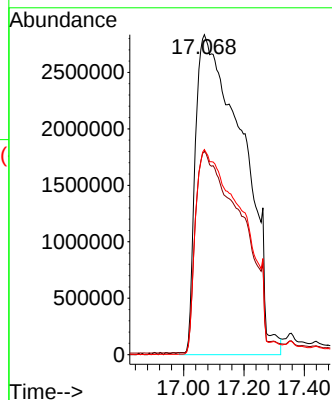
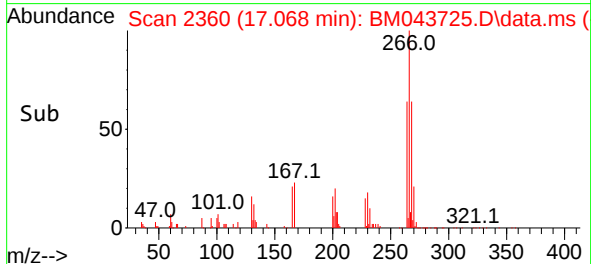
Instrument :
BNA_M
ClientSampleId :
GCF97



Tgt Ion:266 Resp:3085058
Ion Ratio Lower Upper
266 100
264 63.5 49.9 74.9
268 64.1 51.0 76.6

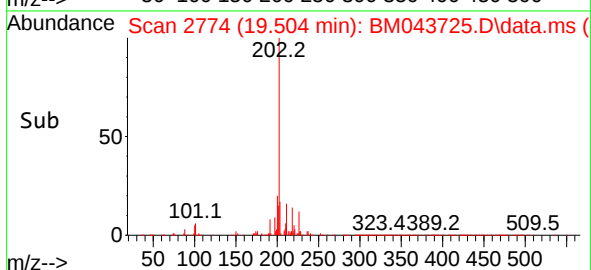
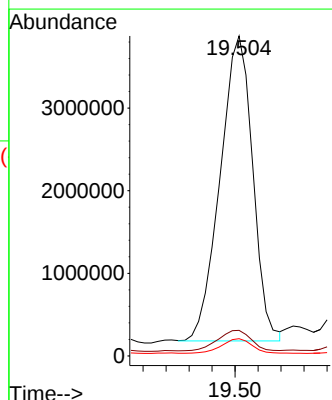
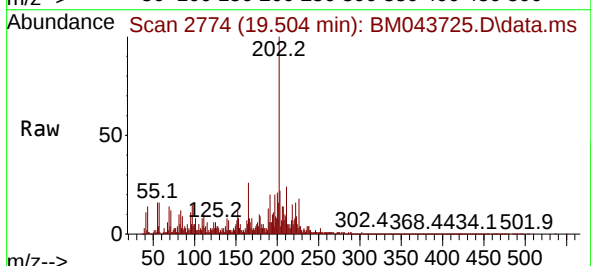
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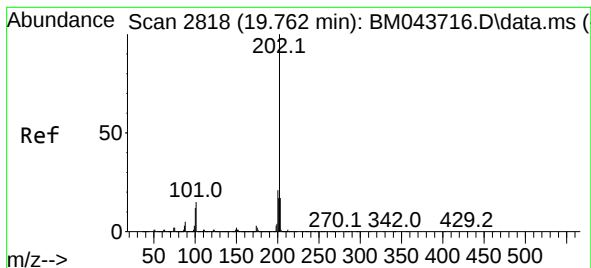
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



#80
Fluoranthene
Concen: 36.760 ng/ul m
RT: 19.504 min Scan# 2774
Delta R.T. 0.112 min
Lab File: BM043725.D
Acq: 03 Jan 2024 10:18

Tgt Ion:202 Resp: 7270365
Ion Ratio Lower Upper
202 100
101 8.0 11.4 17.0#
100 5.4 8.2 12.4#





#82

Pyrene

Concen: 109.572 ng/ul m

RT: 19.880 min Scan# 2

Delta R.T. 0.123 min

Lab File: BM043725.D

Acq: 03 Jan 2024 10:18

Instrument :

BNA_M

ClientSampleId :

GCF97

Tgt Ion:202 Resp:2227900

Ion Ratio Lower Upper

202 100

101 11.4 12.7 19.1

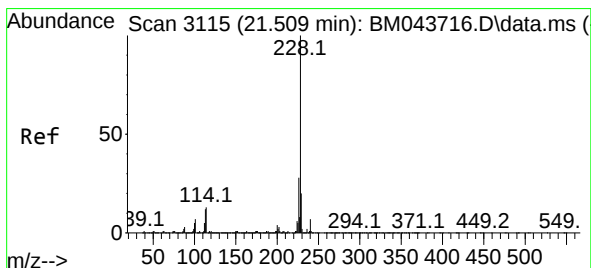
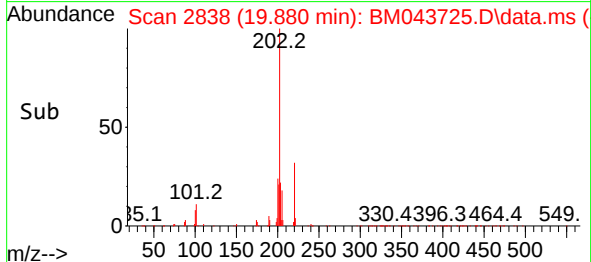
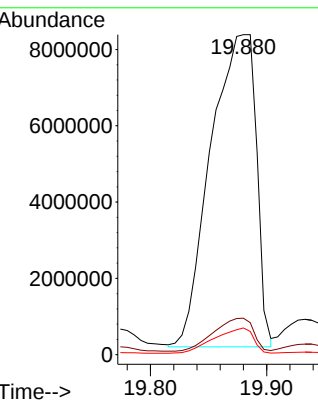
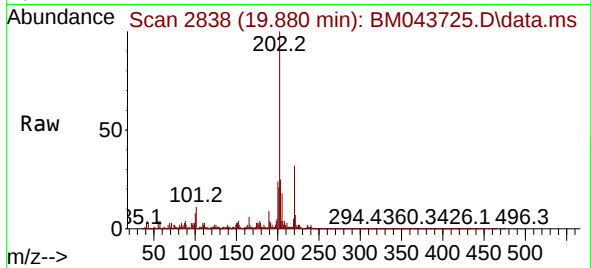
100 8.3 10.1 15.1

Manual Integrations

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Supervised By :mohammad ahmed 01/05/2024



#85

Benzo(a)anthracene

Concen: 20.648 ng/ul m

RT: 21.568 min Scan# 3125

Delta R.T. 0.065 min

Lab File: BM043725.D

Acq: 03 Jan 2024 10:18

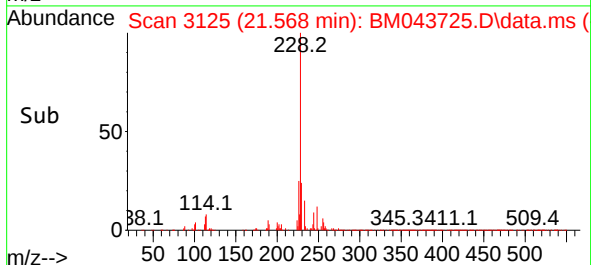
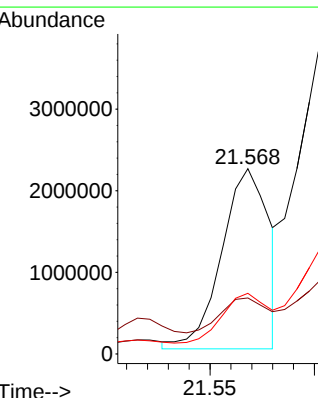
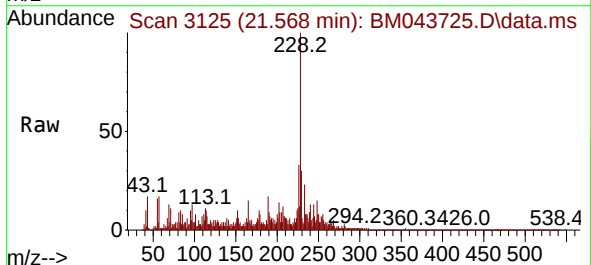
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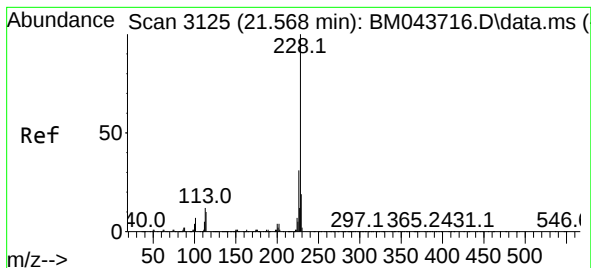
Ion Ratio Lower Upper

228 100

229 30.2 15.6 23.4

226 32.7 22.2 33.2





#87

Chrysene

Concen: 106.212 ng/ul

RT: 21.627 min Scan# 3125

Delta R.T. 0.070 min

Lab File: BM043725.D

Acq: 03 Jan 2024 10:18

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BNA_M

ClientSampleId :

GCF97

Tgt Ion:228 Resp:16163379

Ion Ratio Lower Upper

228 100

226 33.7 24.2 36.2

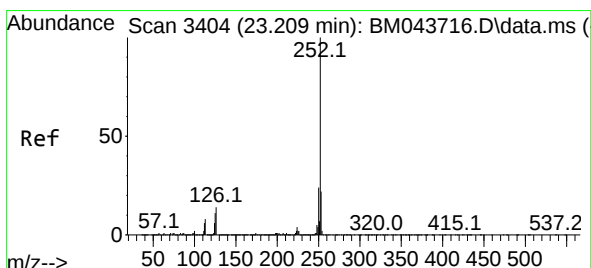
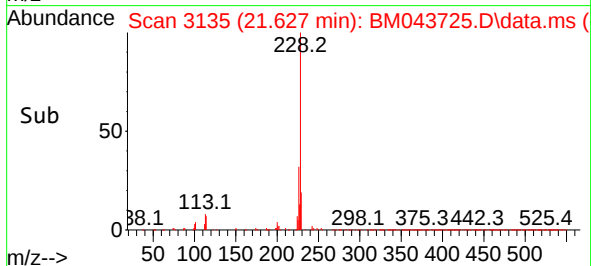
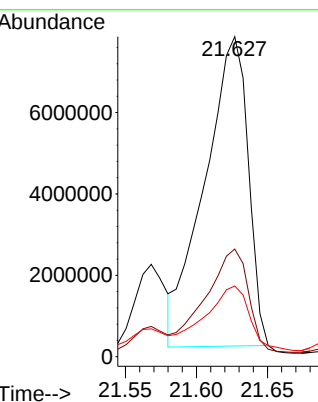
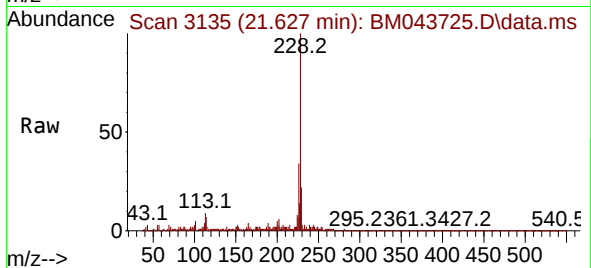
229 22.1 15.9 23.9

Manual Integrations

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Supervised By :mohammad ahmed 01/05/2024



#90

Benzo(b)fluoranthene

Concen: 13.753 ng/ul m

RT: 23.274 min Scan# 3415

Delta R.T. 0.076 min

Lab File: BM043725.D

Acq: 03 Jan 2024 10:18

Tgt Ion:252 Resp: 1360341

Ion Ratio Lower Upper

252 100

253 26.1 17.4 26.2

125 16.2 10.4 15.6#

