

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112023\
 Data File : BM042925.D
 Acq On : 20 Nov 2023 13:18
 Operator : MA/JU
 Sample : 05268-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :mohammad ahmed 11/21/2023

Quant Time: Nov 20 23:15:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM11323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	30632	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	125990	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.463	164	80055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	180336	20.000	ng/u1	-0.01
79) Chrysene-d12	21.404	240	194127	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	226004	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	4850	4.968	ng/uL	0.00
4) Pyridine-d5	3.611	84	33877	13.951	ng/u1	0.00
7) Phenol-d5	6.981	99	31954	10.718	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	67616	32.277	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	52407	22.782	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	38482	16.394	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	30972	28.039	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	33290	25.762	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	60157	25.037	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	70251m	23.028	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	248946	32.857	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	255160	31.475	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	7398m	8.642	ng/u1	0.02
60) Fluorene-d10	15.457	176	206817	32.964	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	31785	23.269	ng/u1	0.00
73) Anthracene-d10	17.316	188	343580	33.996	ng/u1	-0.01
81) Pyrene-d10	19.616	212	456714	35.927	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.604	264	478469	35.393	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.681	128	3598632	455.921	ng/u1	100
36) 2-Methylnaphthalene	12.281	142	135494	25.613	ng/u1	99
37) 1-Methylnaphthalene	12.498	142	84336	15.163	ng/u1	99
43) 1,1'-Biphenyl	13.298	154	59797	8.957	ng/u1#	96
50) Acenaphthylene	14.192	152	22221	2.446	ng/u1	96
52) Acenaphthene	14.528	153	89843	14.625	ng/u1	98
56) Dibenzofuran	14.869	168	172139	20.188	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.098	232	4397	2.287	ng/u1#	99
61) Fluorene	15.516	166	73772	10.191	ng/u1	97
71) Pentachlorophenol	16.857	266	5960	3.527	ng/u1	93
72) Phenanthrene	17.263	178	67391	5.982	ng/u1	98
77) Carbazole	17.645	167	256742	27.438	ng/u1	99

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

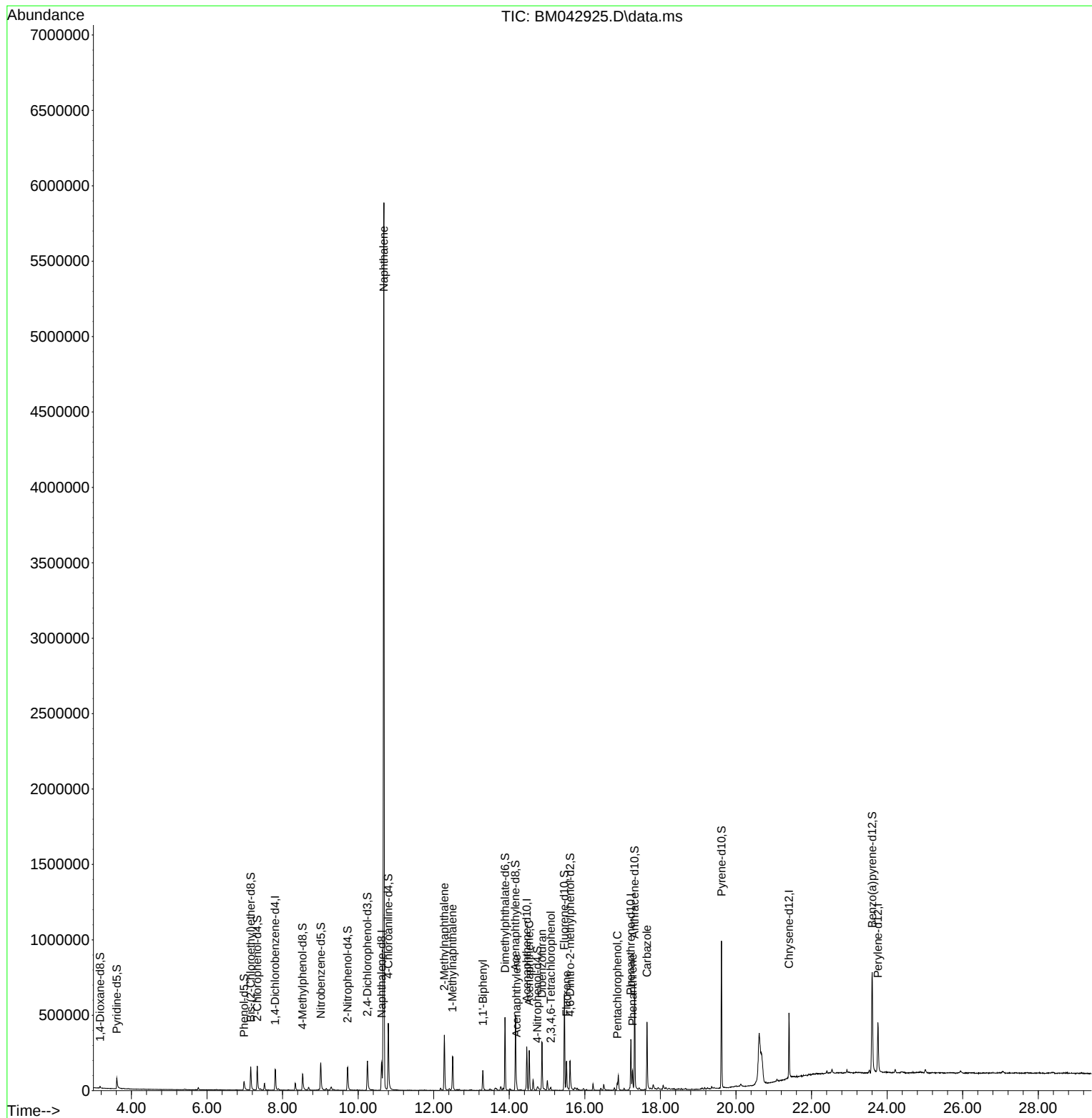
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Data File : BM042925.D
Acq On : 20 Nov 2023 13:18
Operator : MA/JU
Sample : 05268-05
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ALS Vial : 6 Sample Multiplier: 1

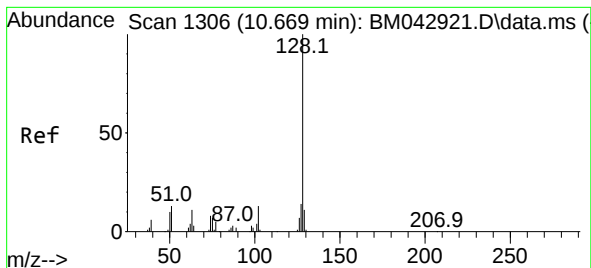
Instrument :
BNA_M
ClientSampleId :
DCKC3

Quant Time: Nov 20 23:15:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 22:06:09 2023
Response via : Initial Calibration

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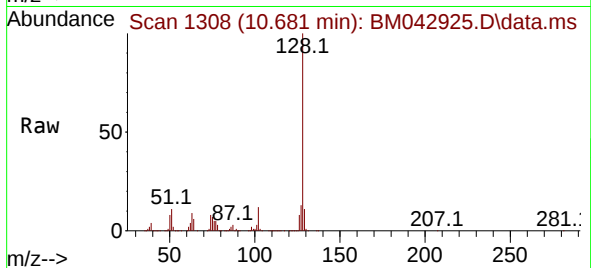
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023





#30
Naphthalene
Concen: 455.921 ng/ul
RT: 10.681 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18

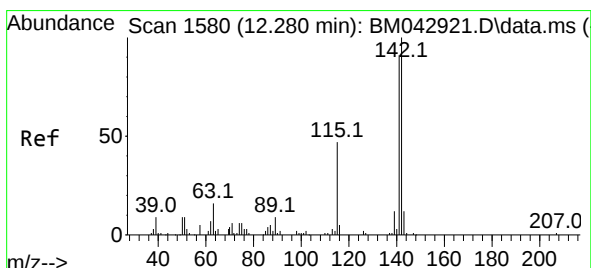
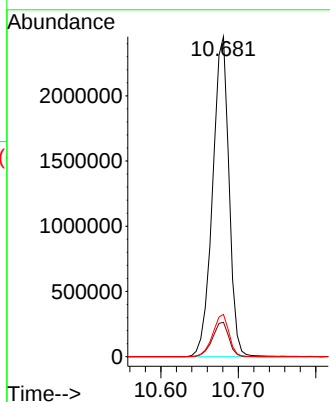
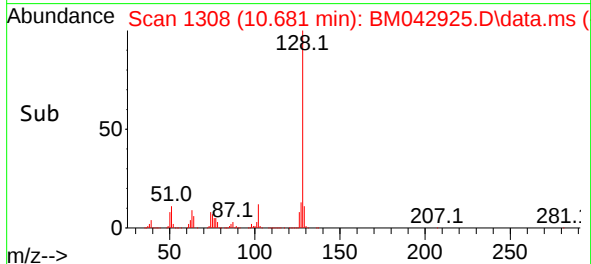
Instrument :
BNA_M
ClientSampleId :
DCKC3



Tgt Ion:128 Resp: 359863
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.2 10.5 15.7

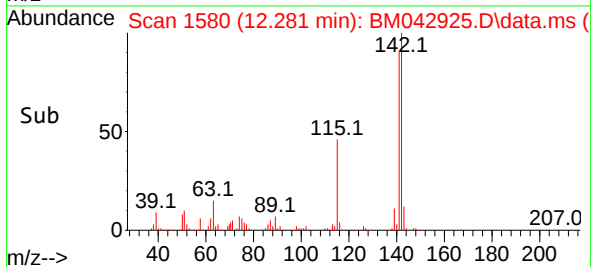
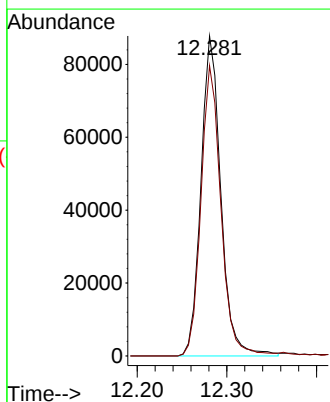
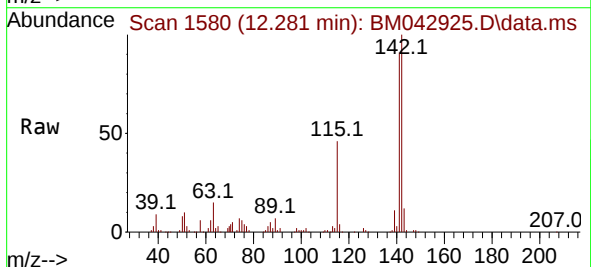
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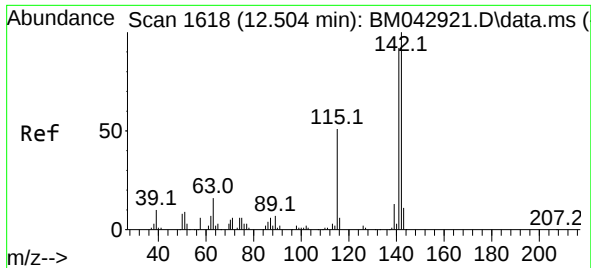
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#36
2-Methylnaphthalene
Concen: 25.613 ng/ul
RT: 12.281 min Scan# 1580
Delta R.T. -0.005 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18

Tgt Ion:142 Resp: 135494
Ion Ratio Lower Upper
142 100
141 90.7 73.6 110.4





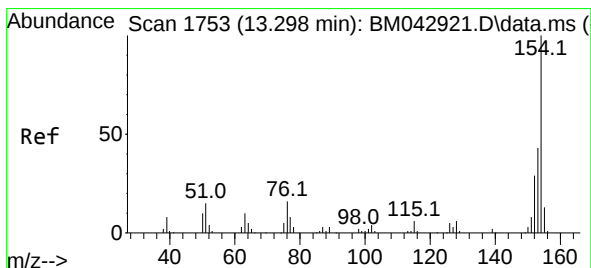
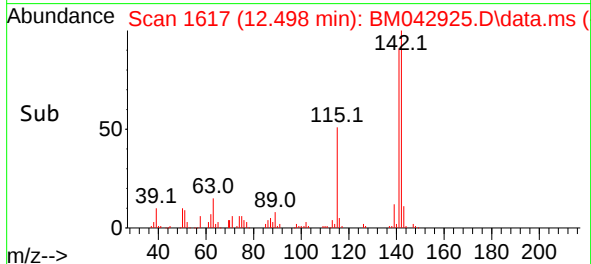
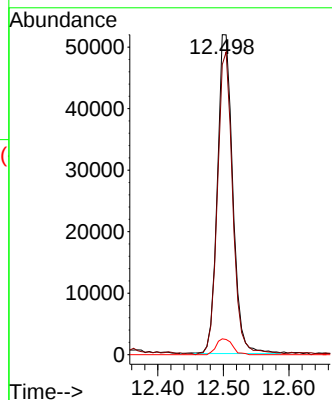
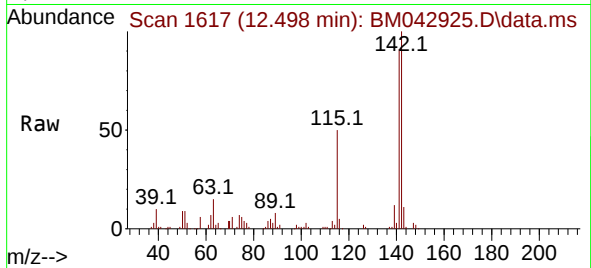
#37
1-Methylnaphthalene
Concen: 15.163 ng/ul
RT: 12.498 min Scan# 1618
Delta R.T. -0.011 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18

Instrument :
BNA_M
ClientSampleId :
DCKC3

Tgt Ion:142 Resp: 84336
Ion Ratio Lower Upper
142 100
141 90.7 73.3 109.9
116 5.0 3.9 5.9

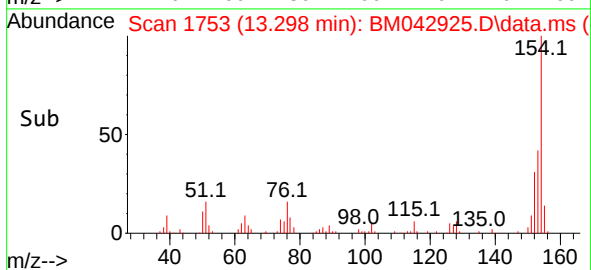
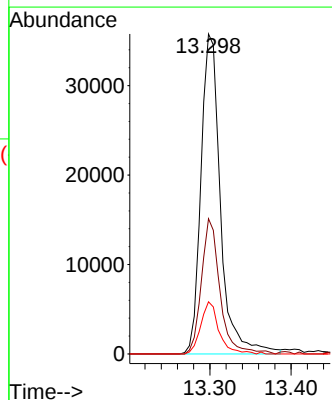
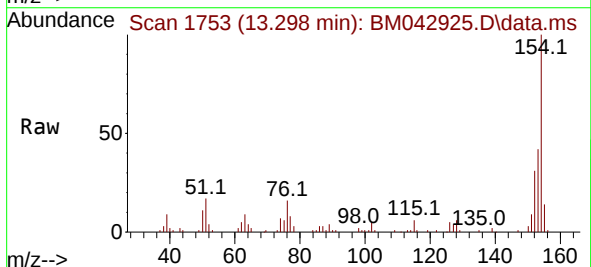
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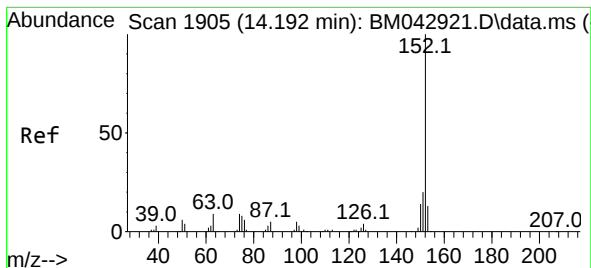
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#43
1,1'-Biphenyl
Concen: 8.957 ng/ul
RT: 13.298 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18

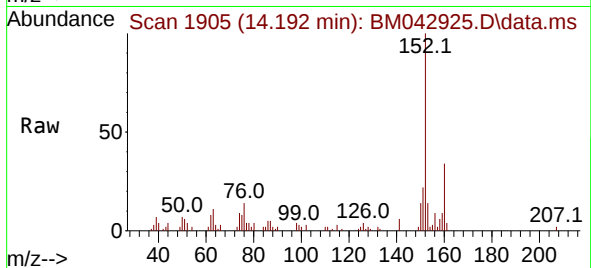
Tgt Ion:154 Resp: 59797
Ion Ratio Lower Upper
154 100
153 42.3 32.4 48.6
76 16.3 10.7 16.1#





#50
Acenaphthylene
Concen: 2.446 ng/u1
RT: 14.192 min Scan# 1905
Delta R.T. -0.005 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18

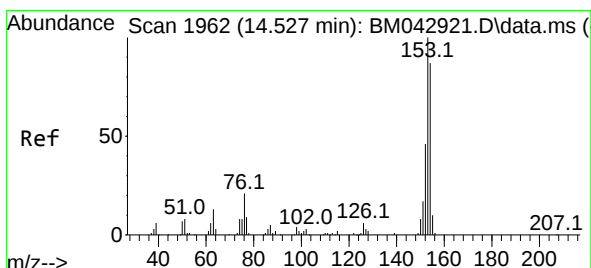
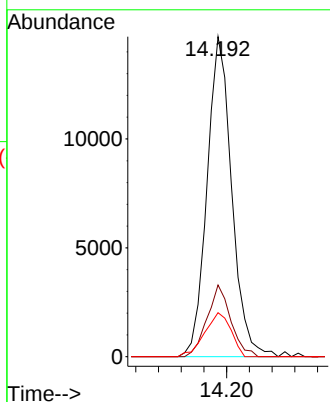
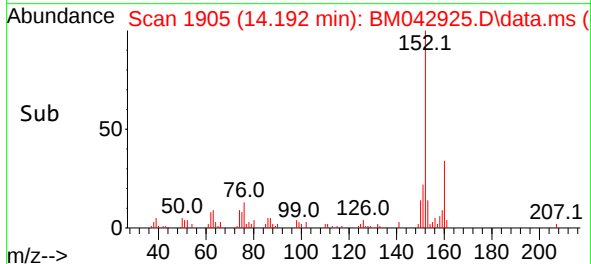
Instrument :
BNA_M
ClientSampleId :
DCKC3



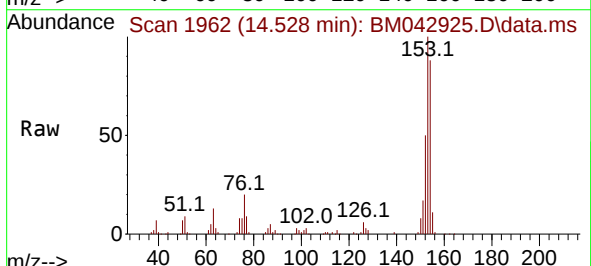
Tgt Ion:152 Resp: 2222
Ion Ratio Lower Upper
152 100
151 22.4 16.0 24.0
153 13.8 10.5 15.7

Manual Integrations
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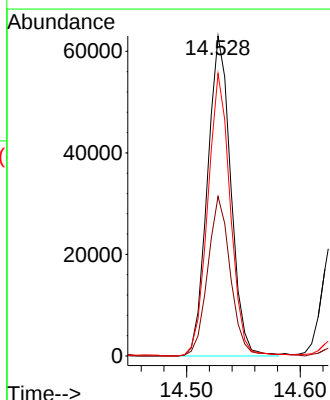
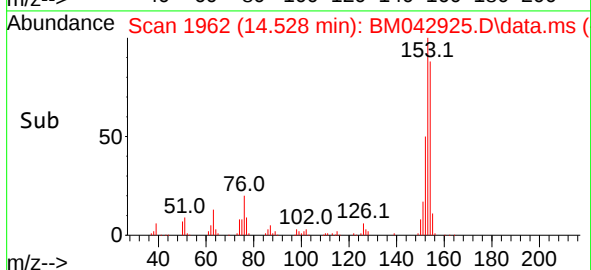
Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

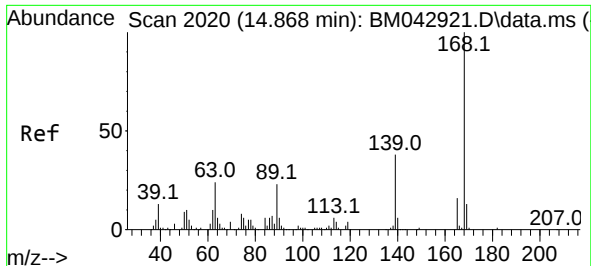


#52
Acenaphthene
Concen: 14.625 ng/u1
RT: 14.528 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18



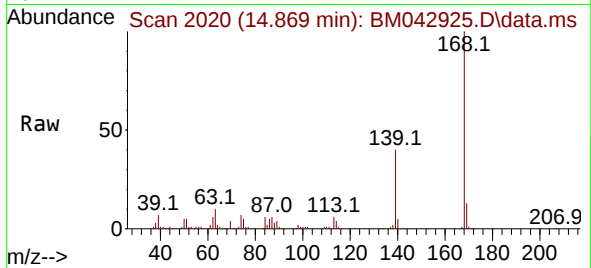
Tgt Ion:153 Resp: 89843
Ion Ratio Lower Upper
153 100
152 49.8 38.2 57.2
154 88.3 71.3 106.9





#56
Dibenzenofuran
Concen: 20.188 ng/ul
RT: 14.869 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18

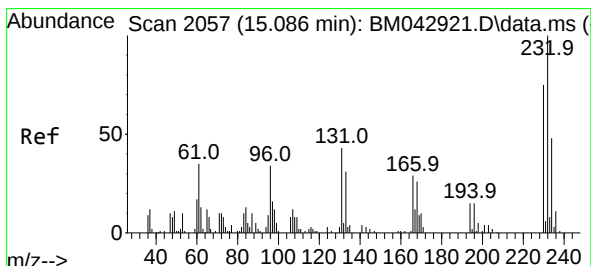
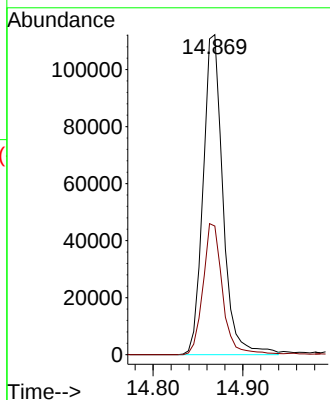
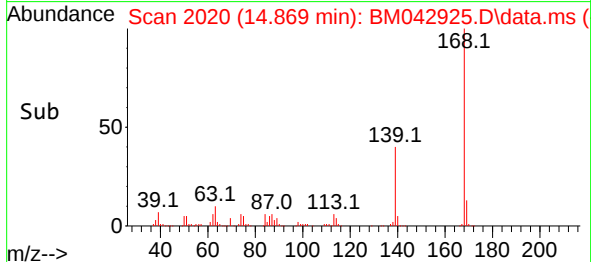
Instrument :
BNA_M
ClientSampleId :
DCKC3



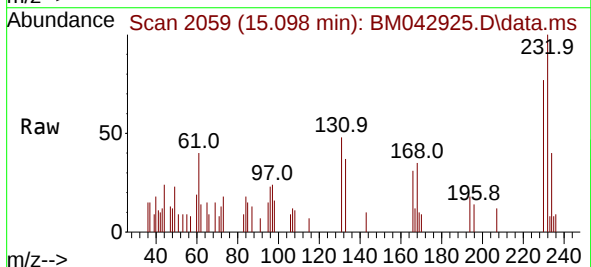
Tgt Ion:168 Resp: 172139
Ion Ratio Lower Upper
168 100
139 40.2 30.8 46.2

Manual Integrations
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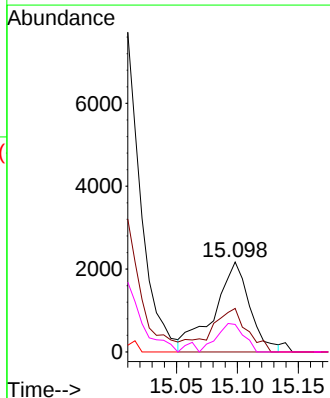
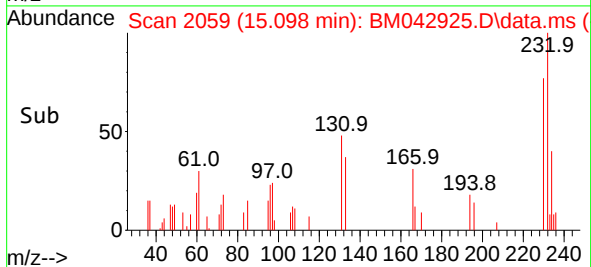
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Supervised By :mohammad ahmed 11/21/2023

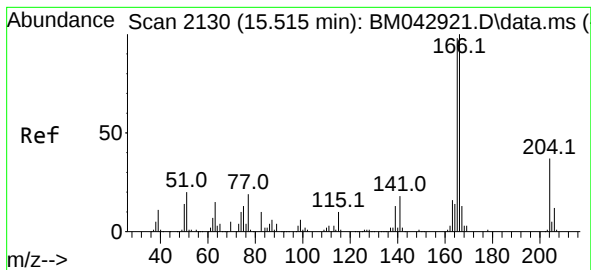


#58
2,3,4,6-Tetrachlorophenol
Concen: 2.287 ng/ul
RT: 15.098 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18



Tgt Ion:232 Resp: 4397
Ion Ratio Lower Upper
232 100
131 48.4 38.9 58.3
130 0.0 1.9 2.9#
166 30.6 23.9 35.9





#61

Fluorene

Concen: 10.191 ng/ul

RT: 15.516 min Scan# 2130

Delta R.T. -0.005 min

Lab File: BM042925.D

Acq: 20 Nov 2023 13:18

Instrument :

BNA_M

ClientSampleId :

DCKC3

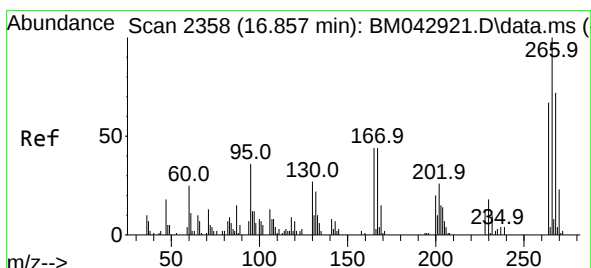
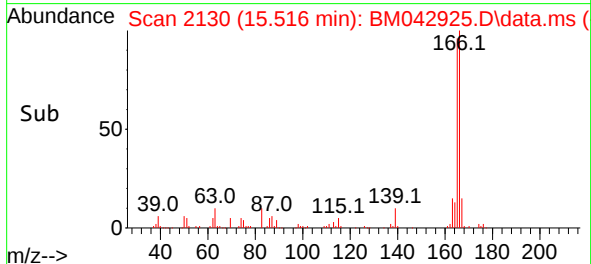
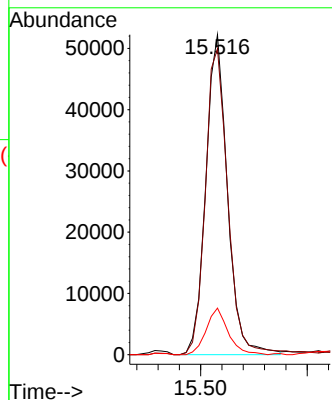
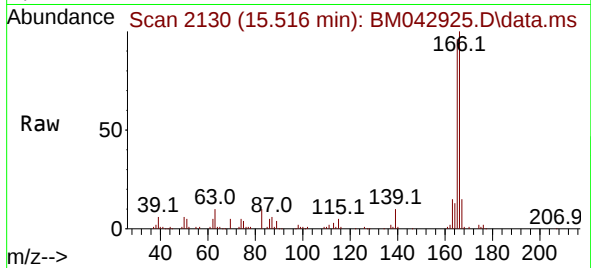
Tgt Ion:166	Resp:	7377
Ion Ratio	Lower	Upper
166	100	
165	95.7	79.3 118.9
167	14.5	10.6 15.8

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 11/21/2023



#71

Pentachlorophenol

Concen: 3.527 ng/ul

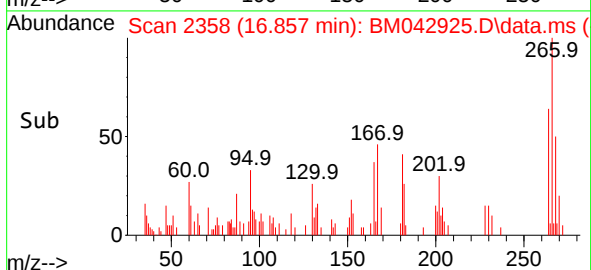
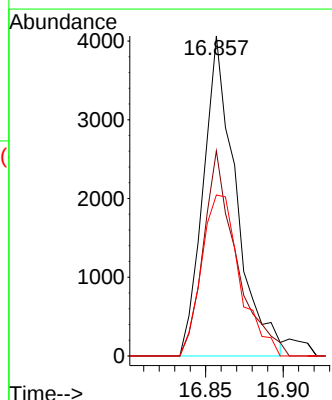
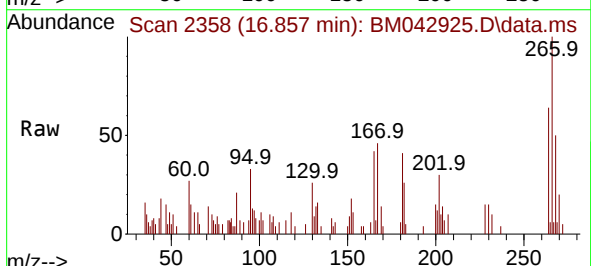
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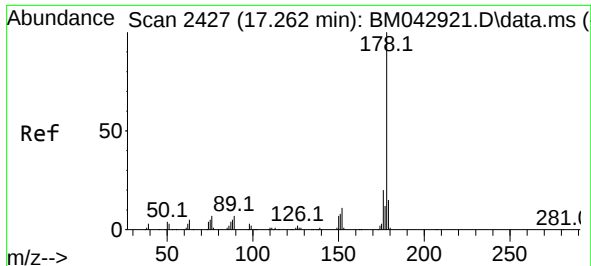
Delta R.T. -0.005 min

Lab File: BM042925.D

Acq: 20 Nov 2023 13:18

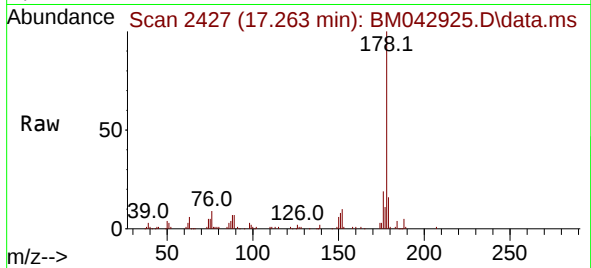
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Ion Ratio	Lower	Upper
266	100	
264	64.1	50.3 75.5
268	56.0	52.1 78.1





#72
Phenanthrene
Concen: 5.982 ng/u1
RT: 17.263 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18

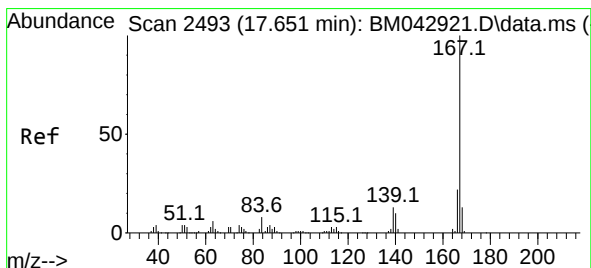
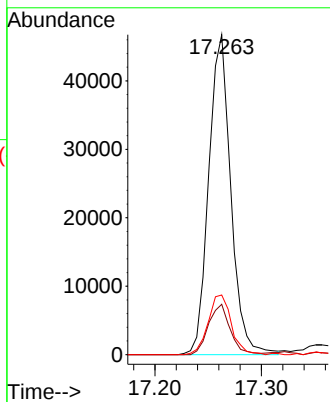
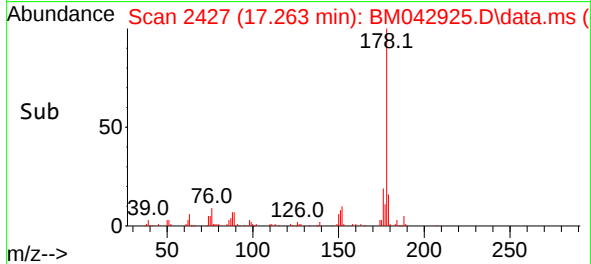
Instrument :
BNA_M
ClientSampleId :
DCKC3



Tgt Ion:178 Resp: 6739
Ion Ratio Lower Upper
178 100
179 15.8 11.4 17.2
176 18.7 15.5 23.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023



#77
Carbazole
Concen: 27.438 ng/u1
RT: 17.645 min Scan# 2492
Delta R.T. -0.011 min
Lab File: BM042925.D
Acq: 20 Nov 2023 13:18

Tgt Ion:167 Resp: 256742
Ion Ratio Lower Upper
167 100
166 22.3 17.2 25.8
139 13.4 10.8 16.2

