

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042841.D
 Acq On : 17 Nov 2023 13:12
 Operator : MA/JU
 Sample : 05268-05
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 14:30:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	18342	20.000	ng/ul	0.00
20) Naphthalene-d8	10.633	136	78958	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.474	164	52002	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	118661	20.000	ng/ul	-0.01
79) Chrysene-d12	21.415	240	119184	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	143317	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	2690m	4.602	ng/uL	0.00
4) Pyridine-d5	3.622	84	13561	9.326	ng/ul	0.00
7) Phenol-d5	6.998	99	9676	5.420	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	55173	43.984	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	39204	28.462	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	21887	15.572	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	25870m	37.370	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	26421	32.625	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	49749	33.038	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	50483	26.405	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	228911	46.511	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	228771	43.443	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.774	143	2429m	4.368	ng/ul	0.03
60) Fluorene-d10	15.468	176	194866	47.814	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.621	200	31127	34.631	ng/ul	0.00
73) Anthracene-d10	17.327	188	321313	48.317	ng/ul	-0.01
81) Pyrene-d10	19.627	212	435386	55.786	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	421634	49.184	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.692	128	4753898	961.041	ng/ul	99
36) 2-Methylnaphthalene	12.292	142	164233	49.538	ng/ul	100
37) 1-Methylnaphthalene	12.516	142	99043	28.414	ng/ul	100
43) 1,1'-Biphenyl	13.310	154	69862	16.109	ng/ul	99
50) Acenaphthylene	14.204	152	26055	4.416	ng/ul	97
52) Acenaphthene	14.539	153	106877	26.782	ng/ul	97
56) Dibenzofuran	14.880	168	213996	38.636	ng/ul	99
61) Fluorene	15.527	166	89138	18.956	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.633	198	3772	4.122	ng/ul#	92
71) Pentachlorophenol	16.868	266	7636	6.868	ng/ul	93
72) Phenanthrene	17.274	178	80909	10.914	ng/ul	97
77) Carbazole	17.656	167	312455	50.748	ng/ul	99

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

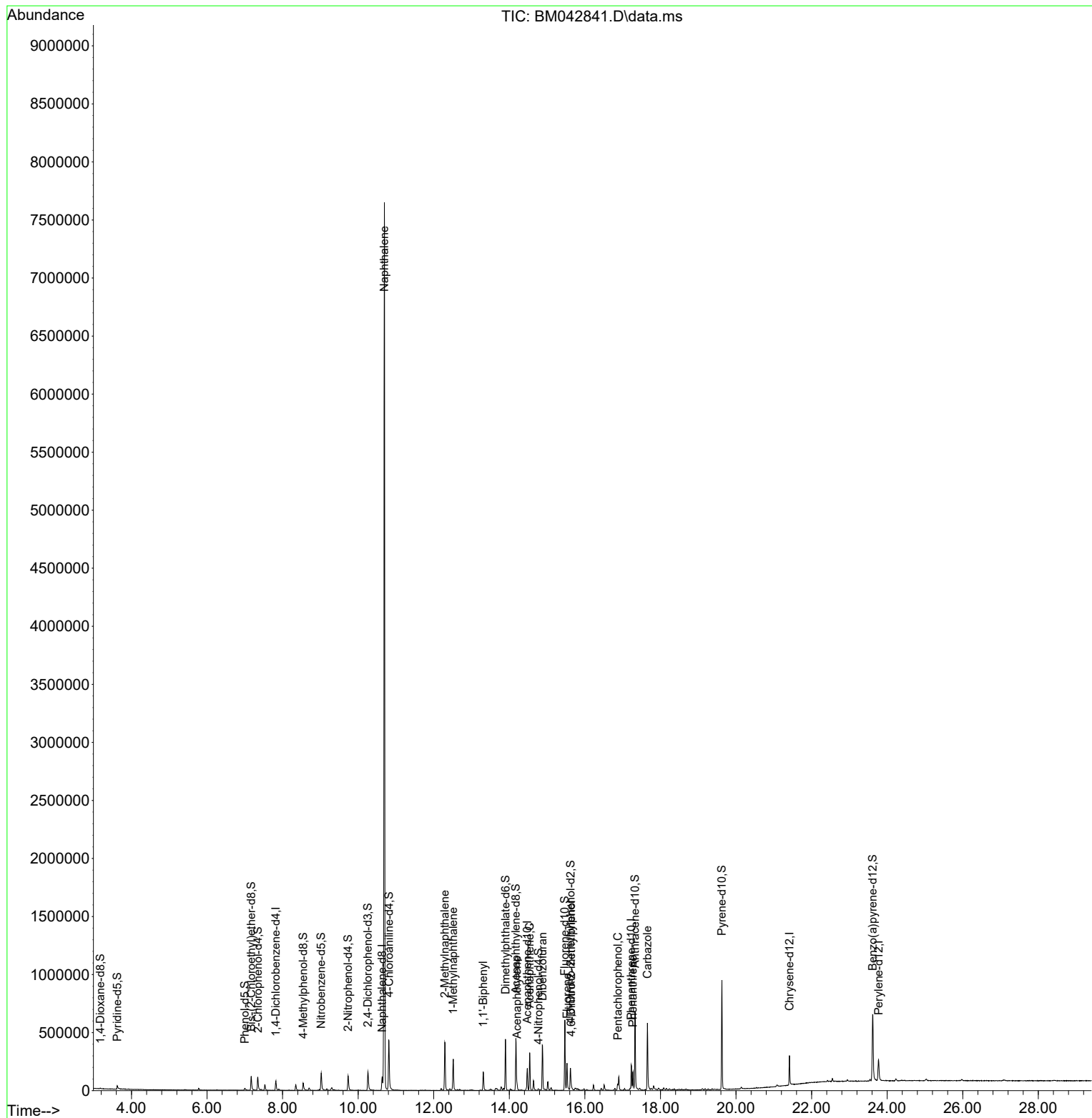
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042841.D
Acq On : 17 Nov 2023 13:12
Operator : MA/JU
Sample : 05268-05
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ALS Vial : 83 Sample Multiplier: 1

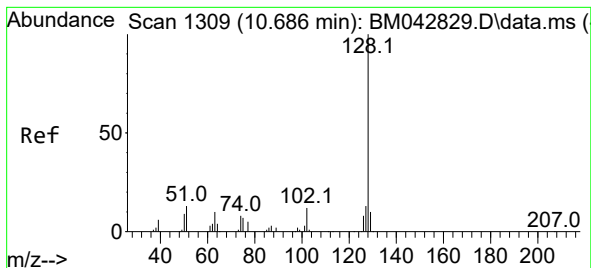
Instrument :
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Quant Time: Nov 17 14:30:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
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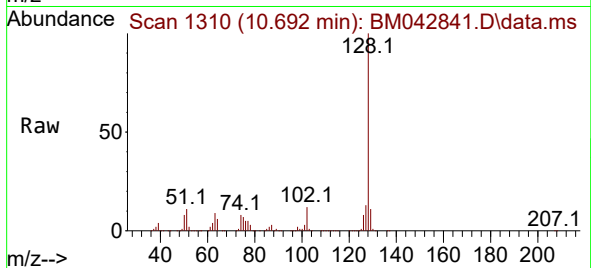
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023





#30
Naphthalene
Concen: 961.041 ng/ul
RT: 10.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12

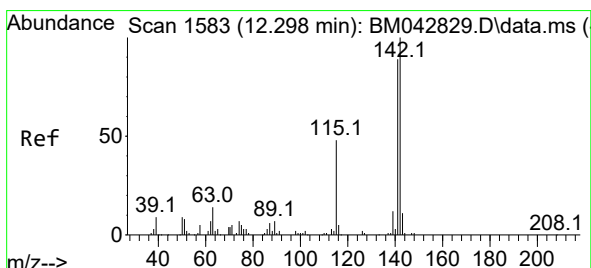
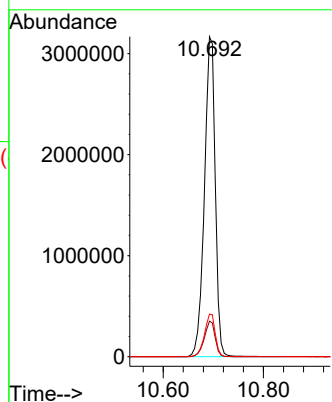
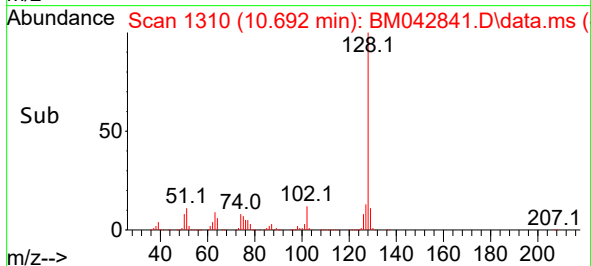
Instrument :
BNA_M
ClientSampleId :
DCKC3



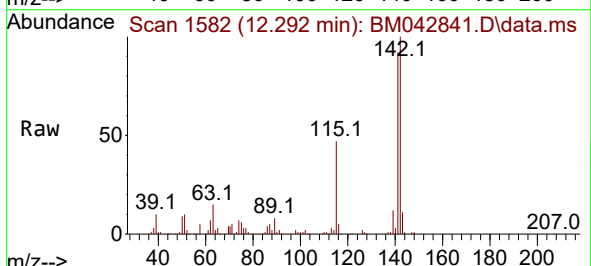
Tgt Ion:128 Resp: 475389
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.5 15.7

Manual Integrations
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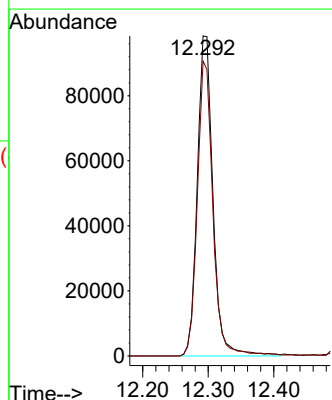
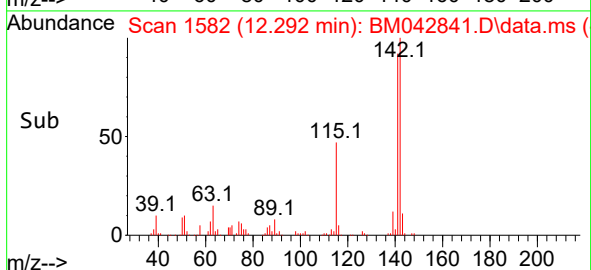
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

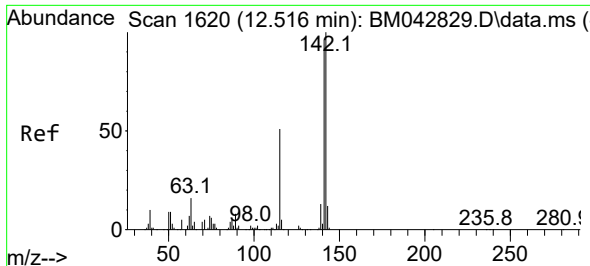


#36
2-Methylnaphthalene
Concen: 49.538 ng/ul
RT: 12.292 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12



Tgt Ion:142 Resp: 164233
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4





#37

1-Methylnaphthalene

Concen: 28.414 ng/ul

RT: 12.516 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042841.D

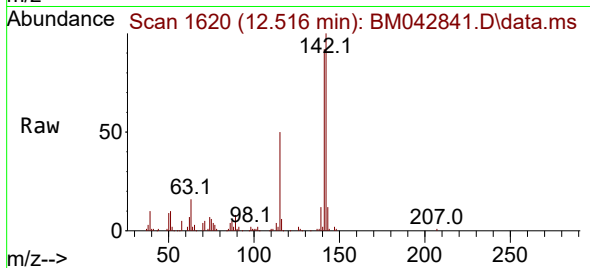
Acq: 17 Nov 2023 13:12

Instrument :

BNA_M

ClientSampleId :

DCKC3



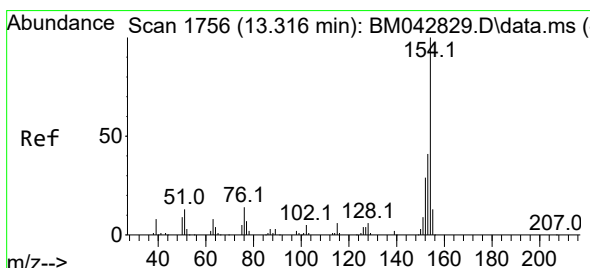
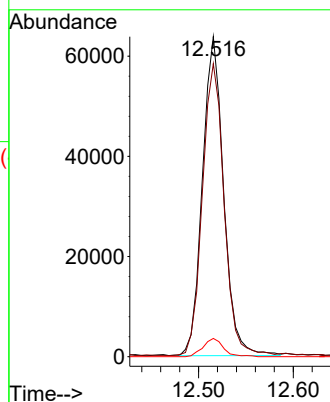
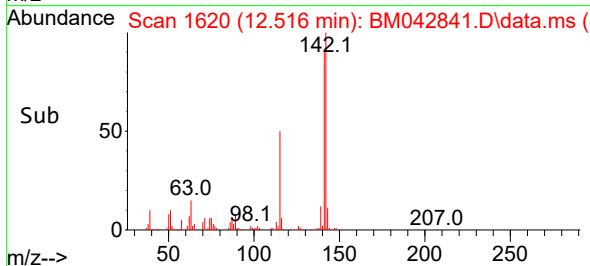
Tgt Ion:	142	Resp:	9904
Ion Ratio	Lower	Upper	
142	100		
141	91.5	73.3	109.9
116	5.7	3.9	5.9

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#43

1,1'-Biphenyl

Concen: 16.109 ng/ul

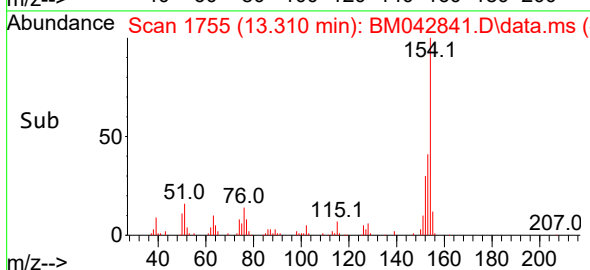
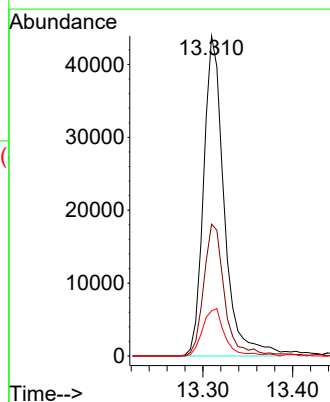
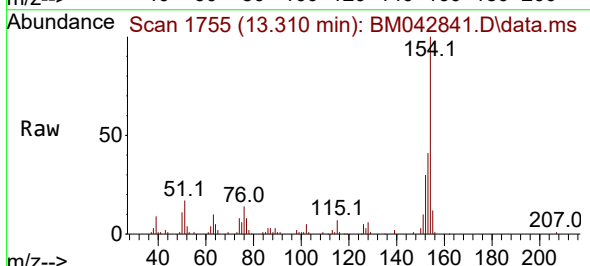
RT: 13.310 min Scan# 1755

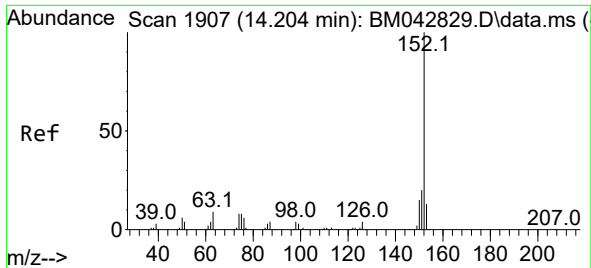
Delta R.T. -0.012 min

Lab File: BM042841.D

Acq: 17 Nov 2023 13:12

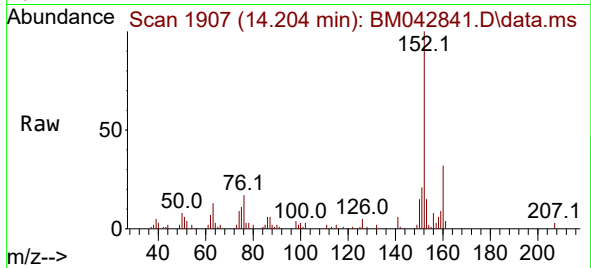
Tgt Ion:	154	Resp:	69862
Ion Ratio	Lower	Upper	
154	100		
153	41.2	32.4	48.6
76	14.1	10.7	16.1





#50
Acenaphthylene
Concen: 4.416 ng/ul
RT: 14.204 min Scan# 1907
Delta R.T. -0.012 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12

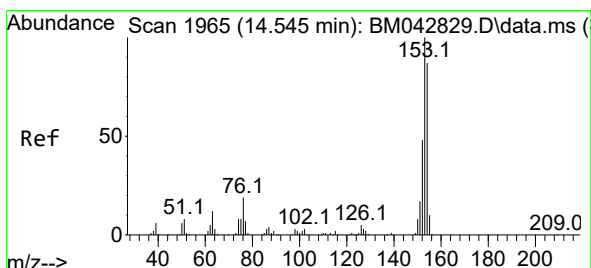
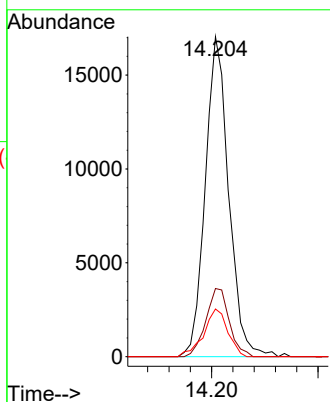
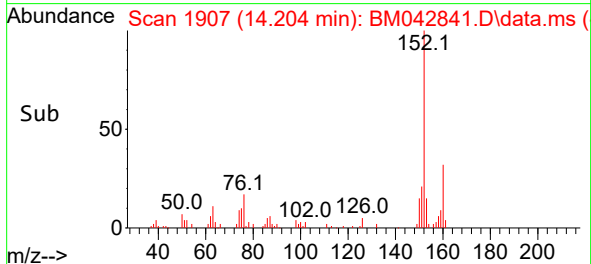
Instrument :
BNA_M
ClientSampleId :
DCKC3



Tgt Ion:152 Resp: 2605
Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 14.9 10.5 15.7

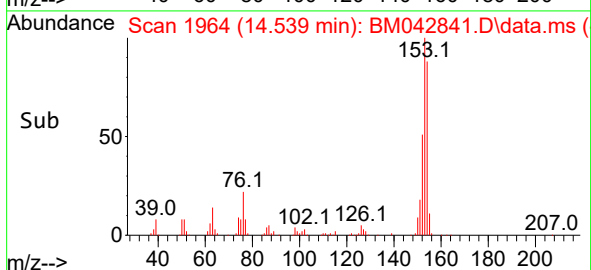
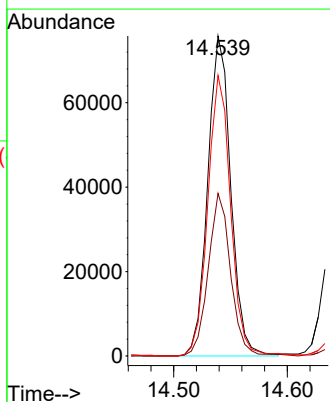
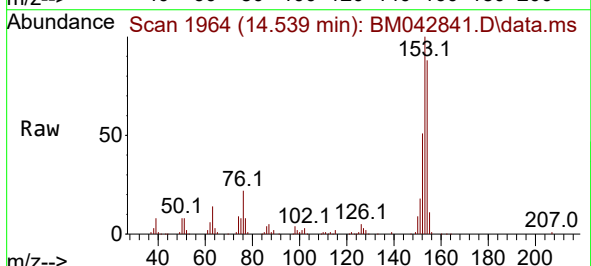
Manual Integrations
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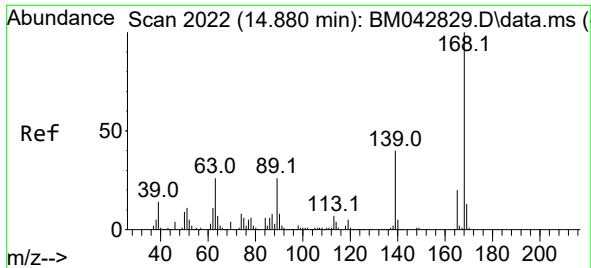
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#52
Acenaphthene
Concen: 26.782 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12

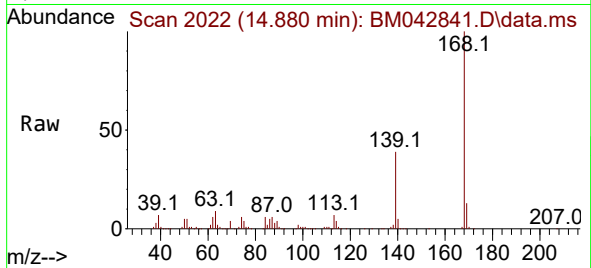
Tgt Ion:153 Resp: 106877
Ion Ratio Lower Upper
153 100
152 50.8 38.2 57.2
154 87.7 71.3 106.9





#56
Dibenzenofuran
Concen: 38.636 ng/ul
RT: 14.880 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12

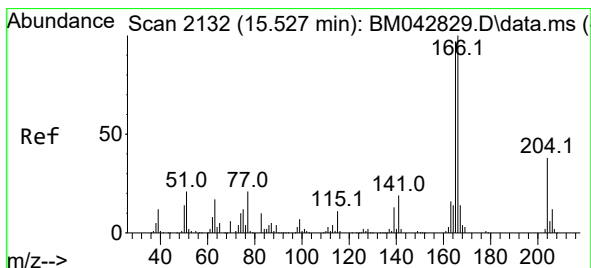
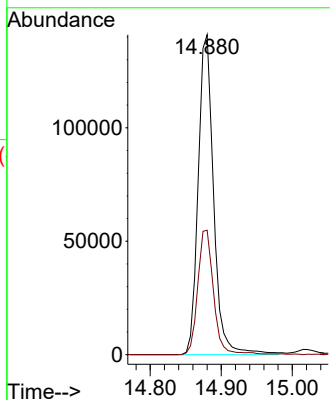
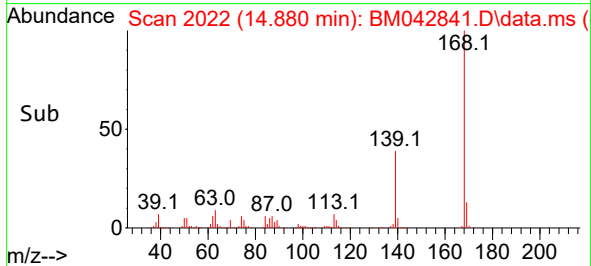
Instrument :
BNA_M
ClientSampleId :
DCKC3



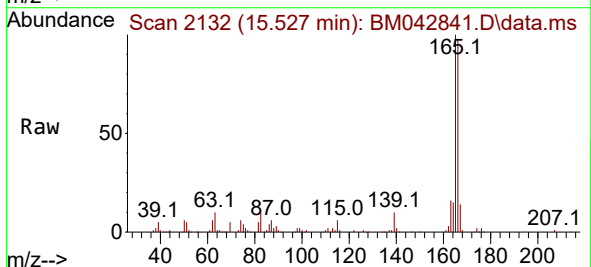
Tgt Ion:168 Resp: 213990
Ion Ratio Lower Upper
168 100
139 38.9 30.8 46.2

Manual Integrations
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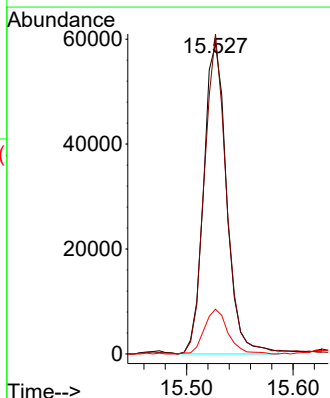
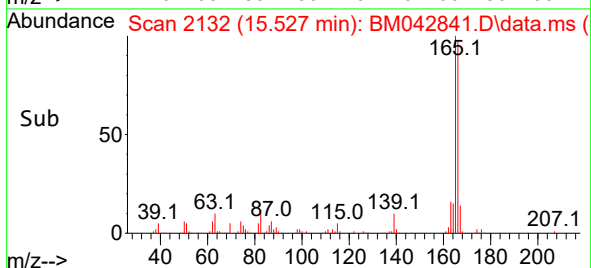
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

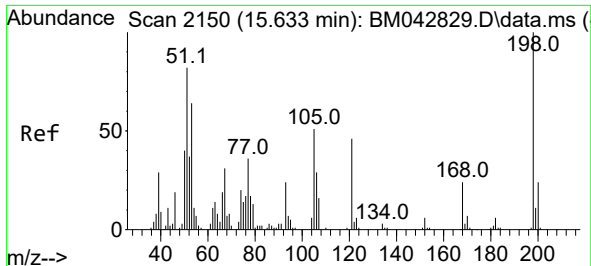


#61
Fluorene
Concen: 18.956 ng/ul
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12



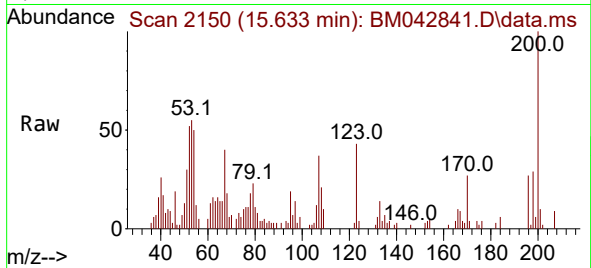
Tgt Ion:166 Resp: 89138
Ion Ratio Lower Upper
166 100
165 103.2 79.3 118.9
167 14.5 10.6 15.8





#66
4,6-Dinitro-2-methylphenol
Concen: 4.122 ng/ul
RT: 15.633 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12

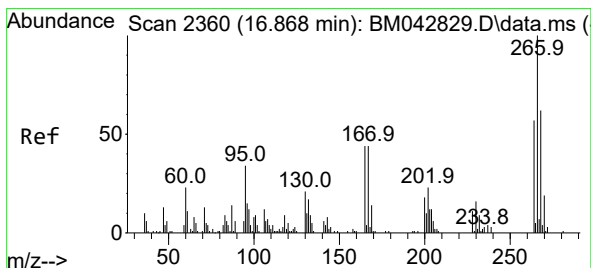
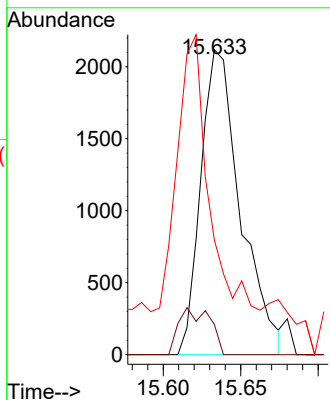
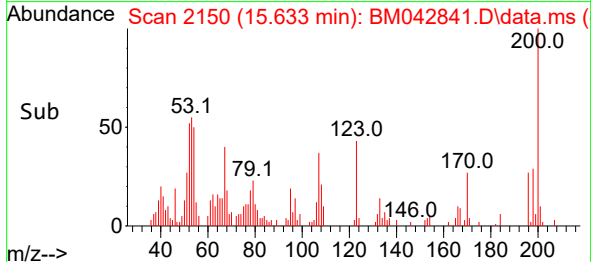
Instrument :
BNA_M
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DCKC3



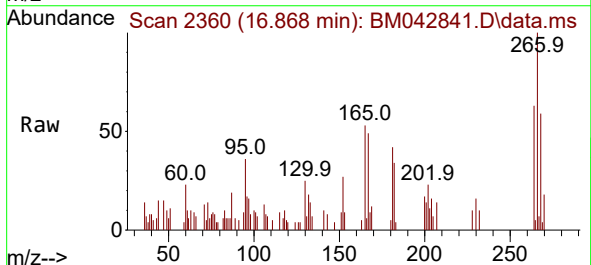
Tgt Ion:198 Resp: 3772
Ion Ratio Lower Upper
198 100
182 9.9 3.4 5.0
77 37.6 26.9 40.3

Manual Integrations
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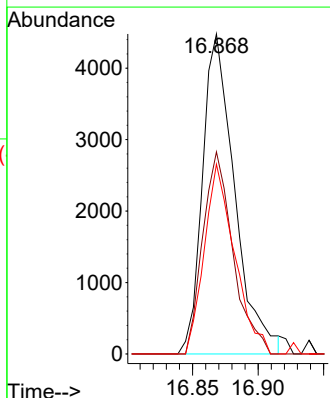
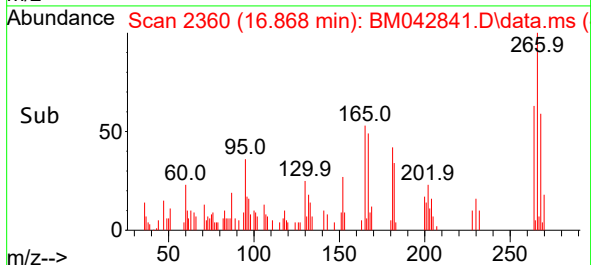
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

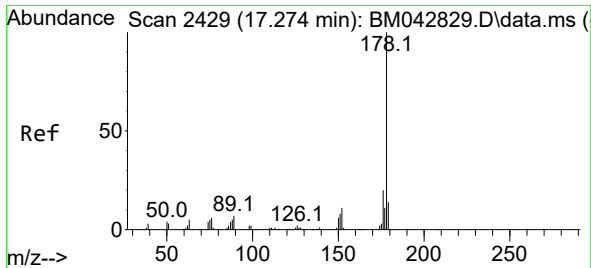


#71
Pentachlorophenol
Concen: 6.868 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12



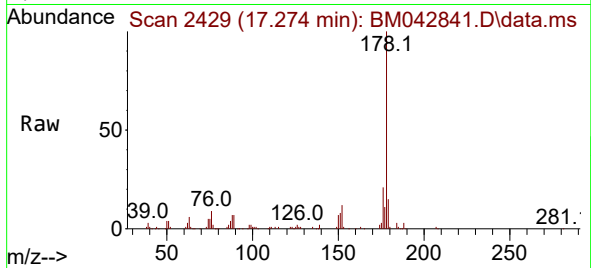
Tgt Ion:266 Resp: 7636
Ion Ratio Lower Upper
266 100
264 68.2 50.3 75.5
268 59.3 52.1 78.1





#72
Phenanthrene
Concen: 10.914 ng/ul
RT: 17.274 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12

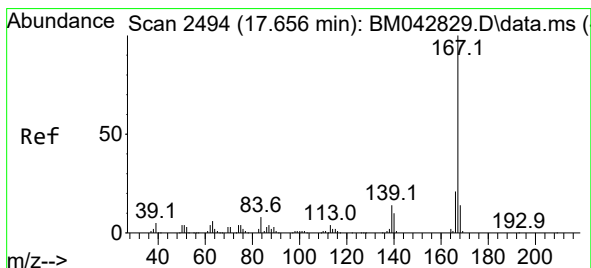
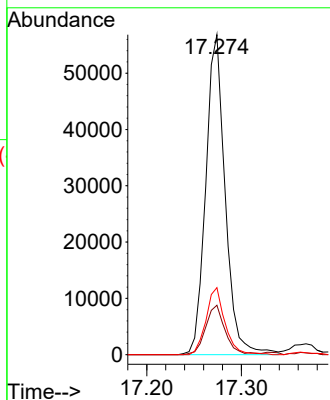
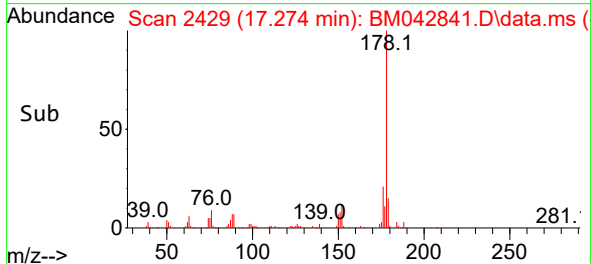
Instrument :
BNA_M
ClientSampleId :
DCKC3



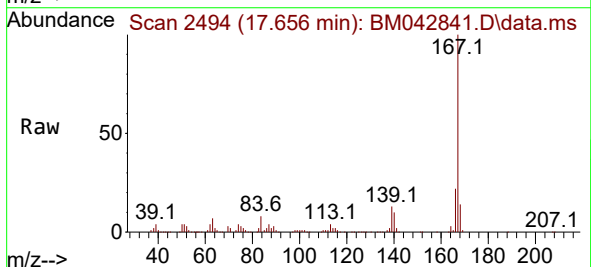
Tgt Ion:178 Resp: 80909
Ion Ratio Lower Upper
178 100
179 15.5 11.4 17.2
176 20.9 15.5 23.3

Manual Integrations
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Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#77
Carbazole
Concen: 50.748 ng/ul
RT: 17.656 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BM042841.D
Acq: 17 Nov 2023 13:12



Tgt Ion:167 Resp: 312455
Ion Ratio Lower Upper
167 100
166 22.0 17.2 25.8
139 13.3 10.8 16.2

