

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032842.D
 Acq On : 19 Jul 2024 15:48
 Operator : MA/JU
 Sample : P3238-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 18:32:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	3926	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	12971	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164	7626	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.940	188	13577	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.159	240	9912	0.400	ng/ul	#-0.01
23) Perylene-d12	23.351	264	16390	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	1274	0.270	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4183	0.213	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7165	0.222	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	3470	0.646	ng/ul#	82
5) Naphthalene	10.349	128	236072	6.778	ng/ul	96
7) 2-Methylnaphthalene	11.971	142	77863	3.581	ng/ul	97
8) 1-Methylnaphthalene	12.196	142	56810	2.527	ng/ul	99
10) Acenaphthylene	13.901	152	55686	1.807	ng/ul	98
11) Acenaphthene	14.239	153	249396	9.788	ng/ul	98
12) Fluorene	15.238	166	261085	8.964	ng/ul	98
14) Pentachlorophenol	16.615	266	1270	0.533	ng/ul	90
15) Phenanthrene	16.986	178	2978634	80.556	ng/ul	99
16) Anthracene	17.075	178	662939	21.945	ng/ul	98
19) Fluoranthene	19.017	202	3749402	93.037	ng/ul	98
20) Pyrene	19.384	202	2721240	65.236	ng/ul	96
21) Benzo(a)anthracene	21.144	228	1742412	55.225	ng/ul	99
22) Chrysene	21.197	228	1698409	37.211	ng/ul	98
24) Benzo(b)fluoranthene	22.702	252	2149095m	37.162	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	948448m	13.458	ng/ul	
26) Benzo(a)pyrene	23.257	252	865372	17.292	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.559	276	761043	11.231	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.555	278	294575	5.608	ng/ul	99
29) Benzo(g,h,i)perylene	26.236	276	111346	1.966	ng/ul#	92

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

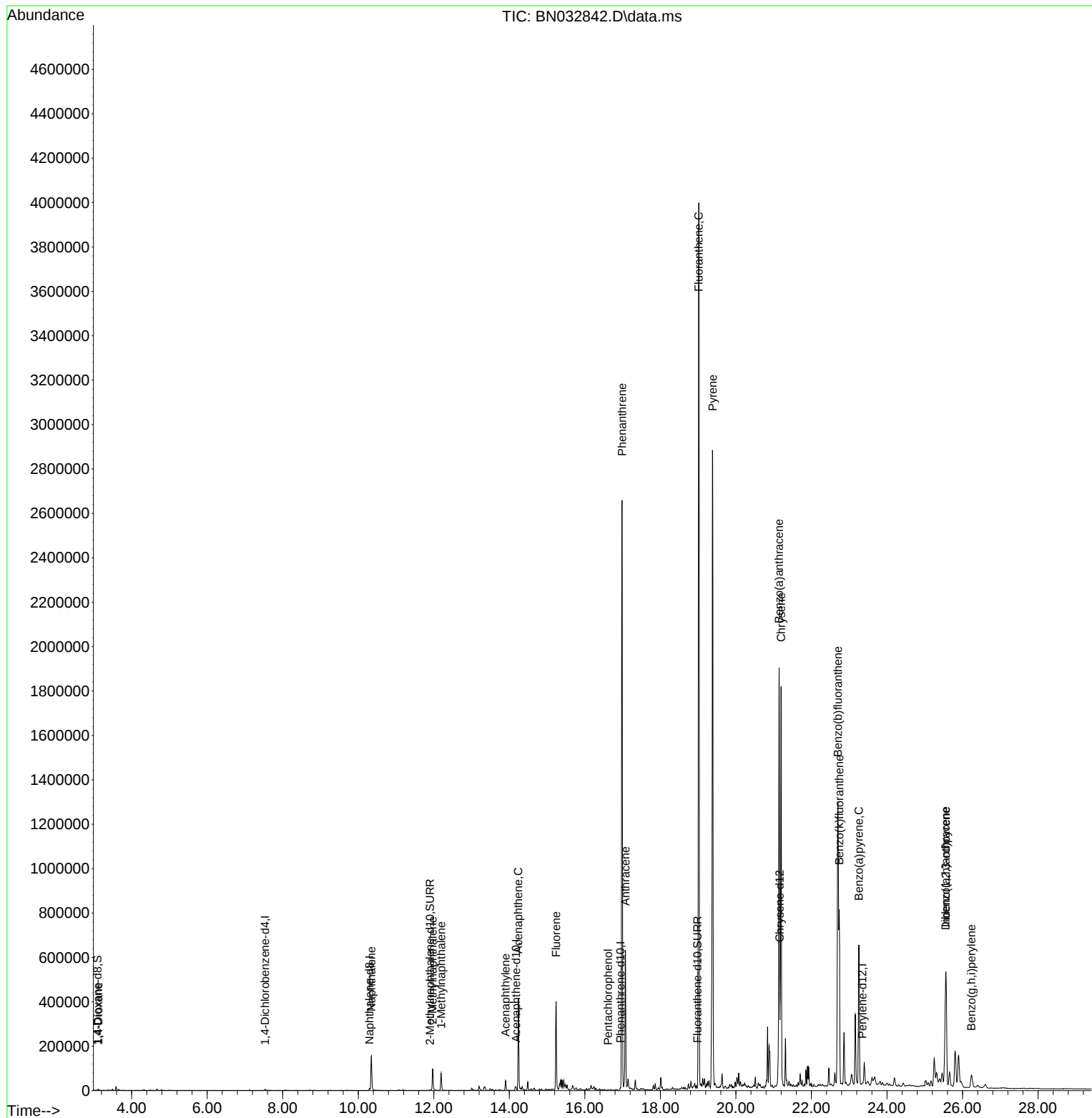
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032842.D
Acq On : 19 Jul 2024 15:48
Operator : MA/JU
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ALS Vial : 5 Sample Multiplier: 1

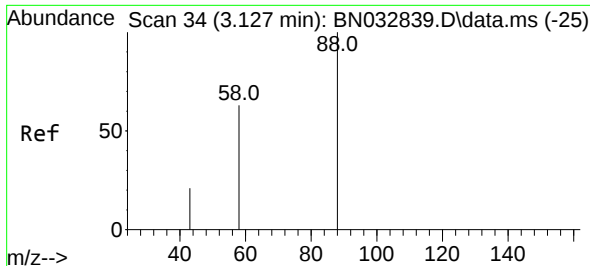
Instrument :
BNA_N
ClientSampleId :
A4BE6MS

Quant Time: Jul 19 18:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

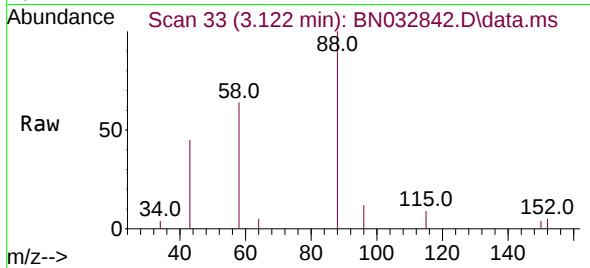
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024





#2
1,4-Dioxane
Concen: 0.646 ng/ul
RT: 3.122 min Scan# 31
Delta R.T. -0.013 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

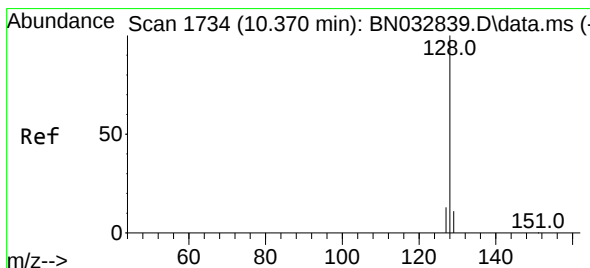
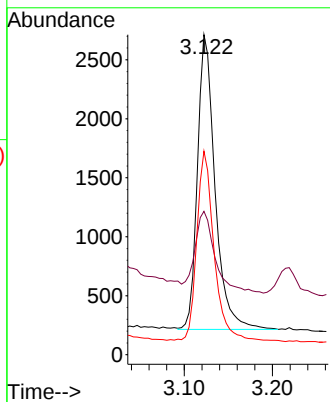
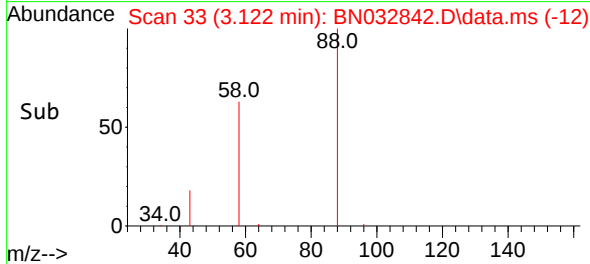
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



Tgt Ion: 88 Resp: 3470
Ion Ratio Lower Upper
88 100
43 44.8 24.0 36.0
58 63.6 43.3 64.9

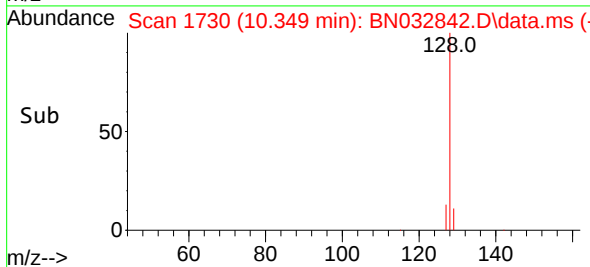
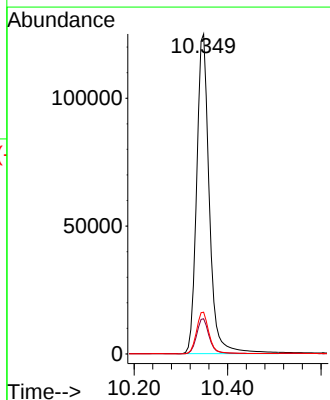
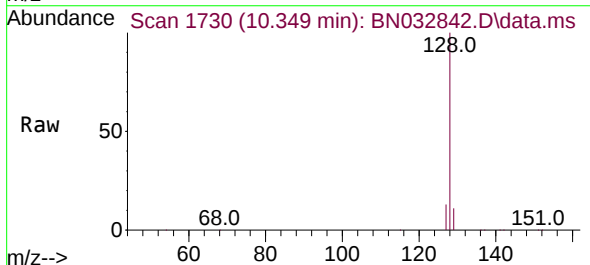
Manual Integrations
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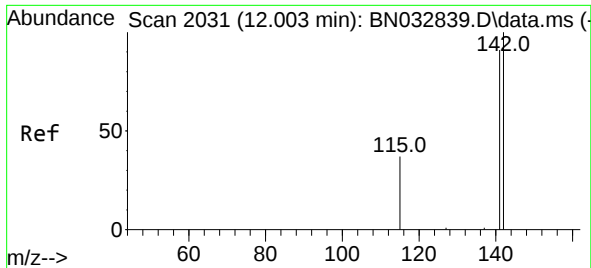
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#5
Naphthalene
Concen: 6.778 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. -0.022 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

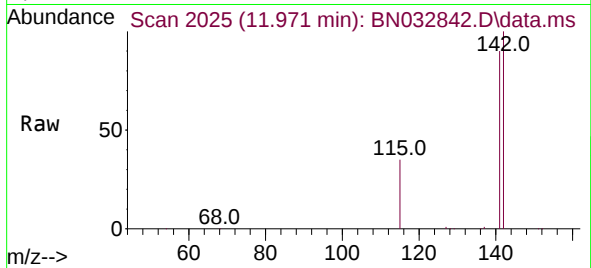
Tgt Ion:128 Resp: 236072
Ion Ratio Lower Upper
128 100
129 11.0 10.0 15.0
127 13.1 11.6 17.4





#7
2-Methylnaphthalene
Concen: 3.581 ng/ul
RT: 11.971 min Scan# 2031
Delta R.T. -0.033 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

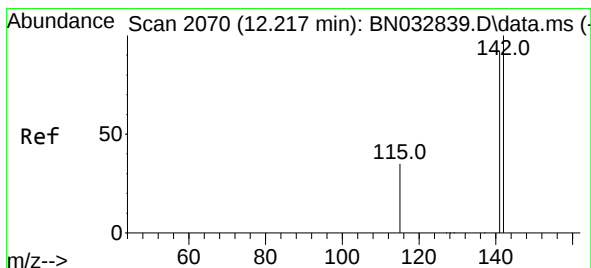
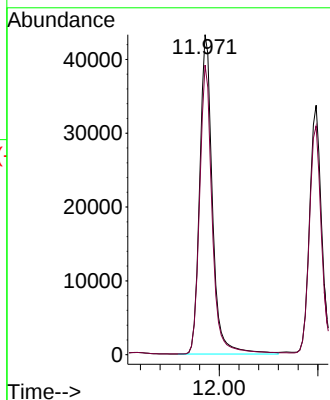
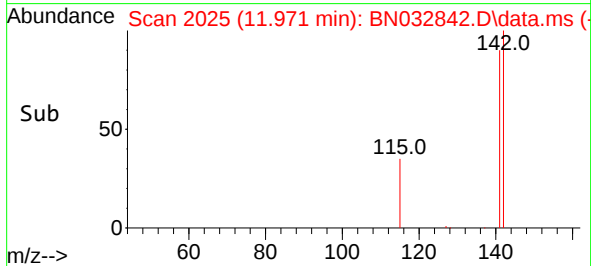
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



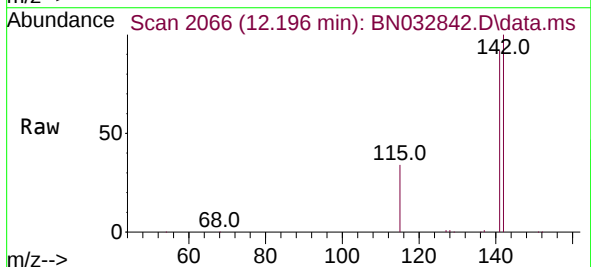
Tgt Ion:142 Resp: 7786
Ion Ratio Lower Upper
142 100
141 89.6 74.0 111.0

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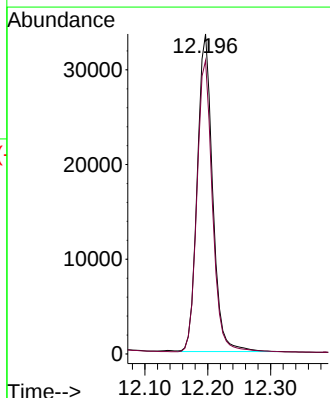
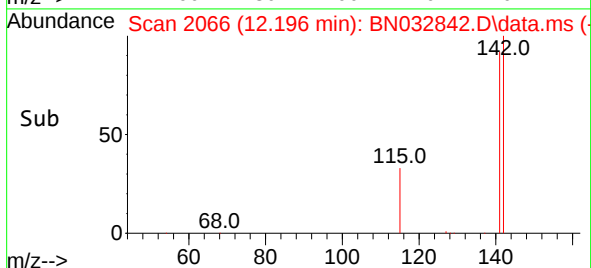
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

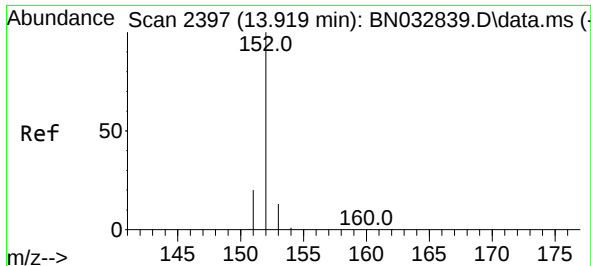


#8
1-Methylnaphthalene
Concen: 2.527 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.022 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48



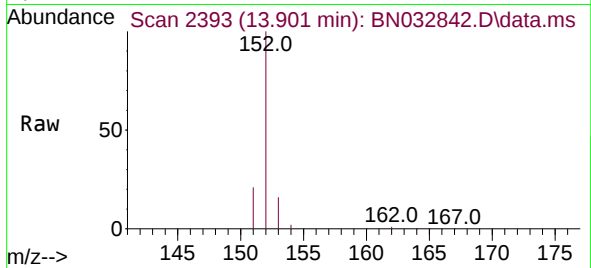
Tgt Ion:142 Resp: 56810
Ion Ratio Lower Upper
142 100
141 92.4 75.0 112.4





#10
Acenaphthylene
Concen: 1.807 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

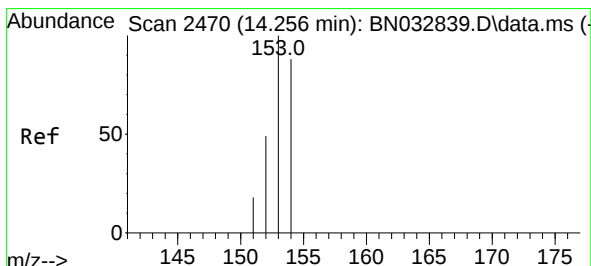
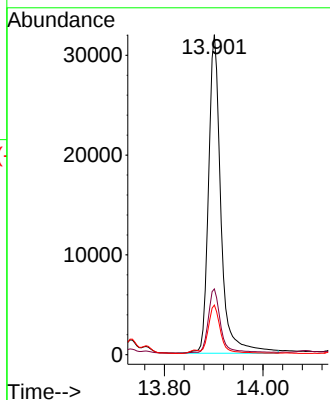
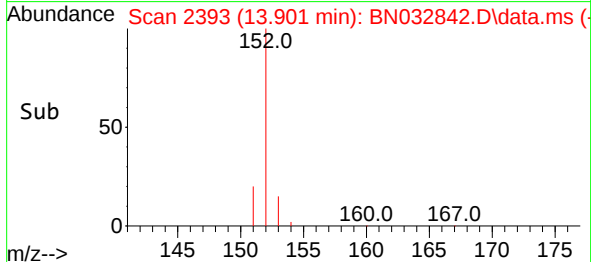
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



Tgt Ion:152 Resp: 55680
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 15.5 11.3 16.9

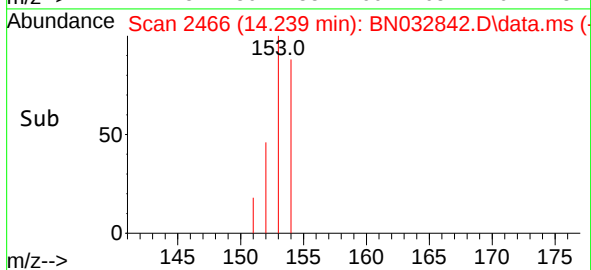
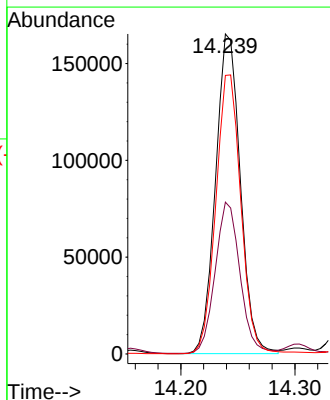
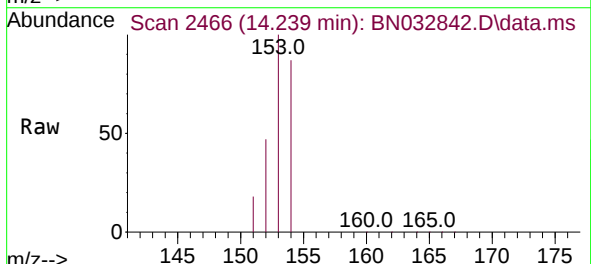
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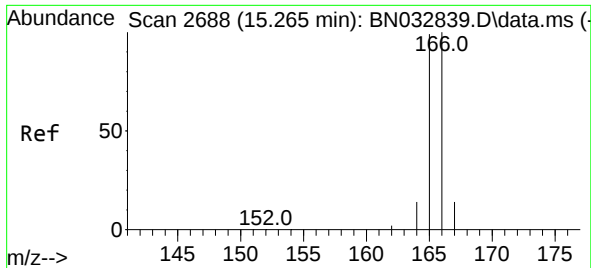
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#11
Acenaphthene
Concen: 9.788 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.019 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

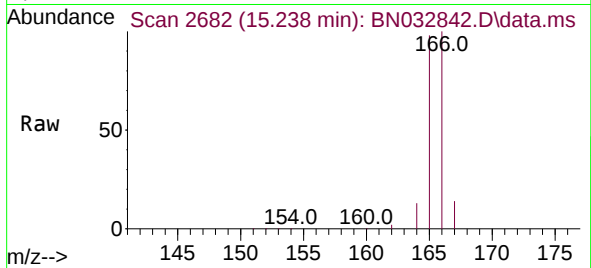
Tgt Ion:153 Resp: 249396
Ion Ratio Lower Upper
153 100
152 47.4 40.0 60.0
154 87.1 70.2 105.4





#12
Fluorene
Concen: 8.964 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.028 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

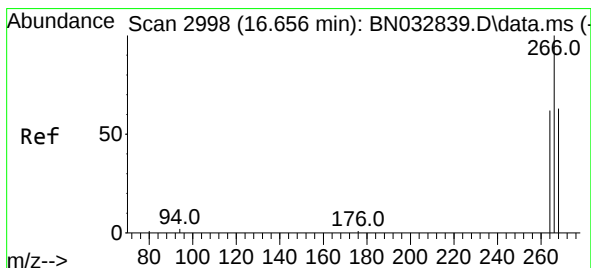
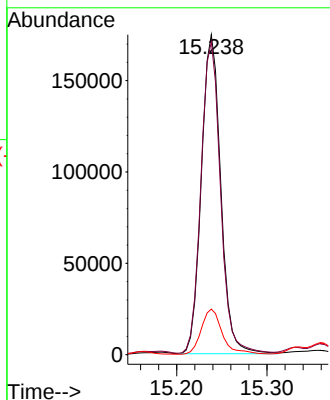
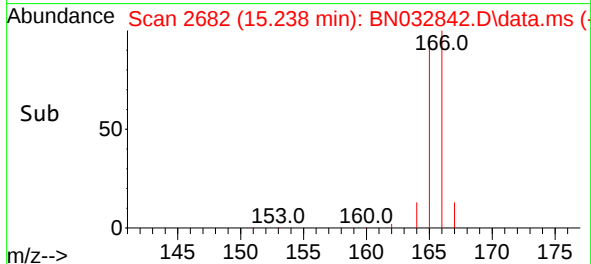
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



Tgt Ion:166 Resp: 261085
Ion Ratio Lower Upper
166 100
165 97.8 79.7 119.5
167 14.2 11.4 17.2

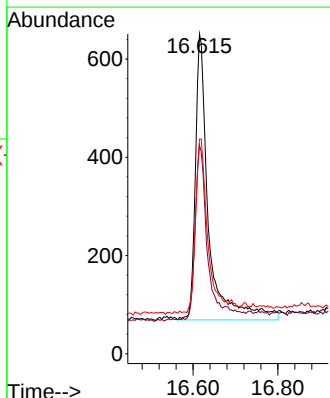
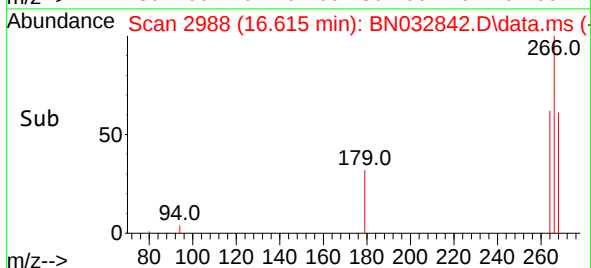
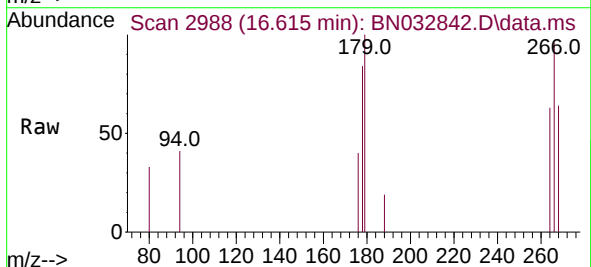
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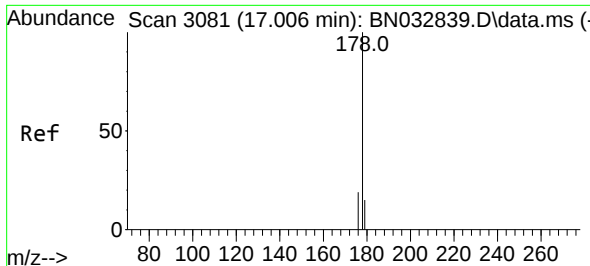
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#14
Pentachlorophenol
Concen: 0.533 ng/ul
RT: 16.615 min Scan# 2988
Delta R.T. -0.034 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

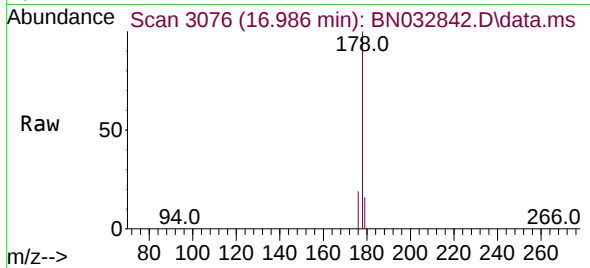
Tgt Ion:266 Resp: 1270
Ion Ratio Lower Upper
266 100
264 56.9 49.4 74.2
268 53.9 51.6 77.4





#15
Phenanthrene
Concen: 80.556 ng/u1
RT: 16.986 min Scan# 3076
Delta R.T. -0.021 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

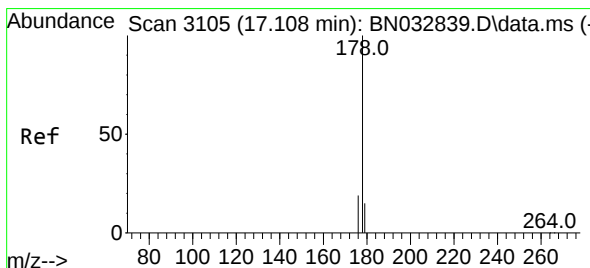
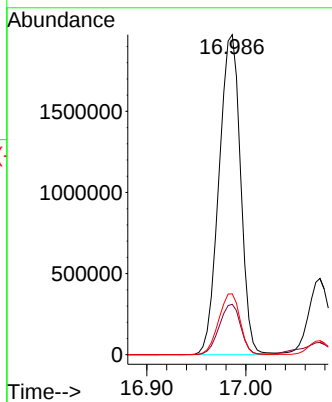
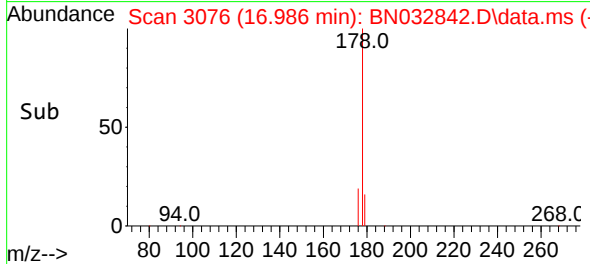
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



Tgt Ion:178 Resp: 2978634
Ion Ratio Lower Upper
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179 15.7 13.0 19.4
176 19.0 15.6 23.4

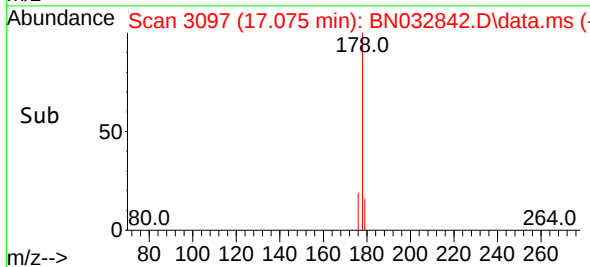
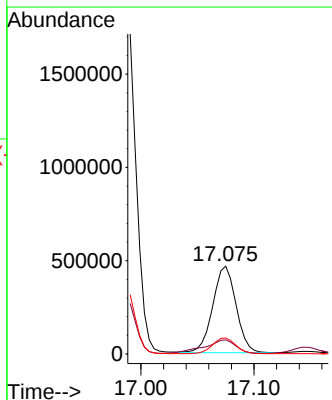
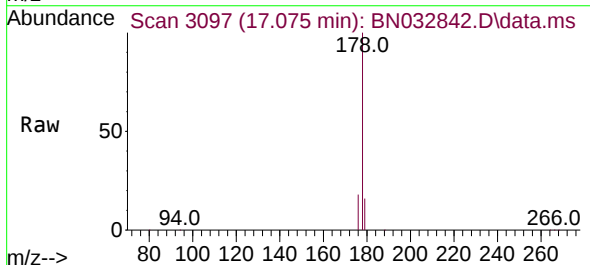
Manual Integrations
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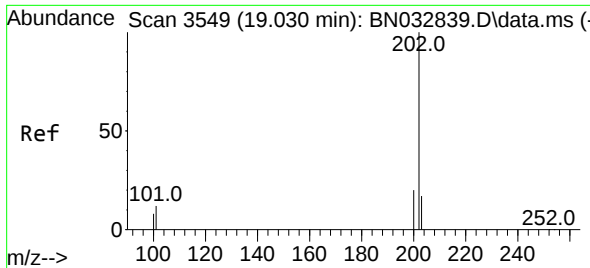
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#16
Anthracene
Concen: 21.945 ng/u1
RT: 17.075 min Scan# 3097
Delta R.T. -0.030 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

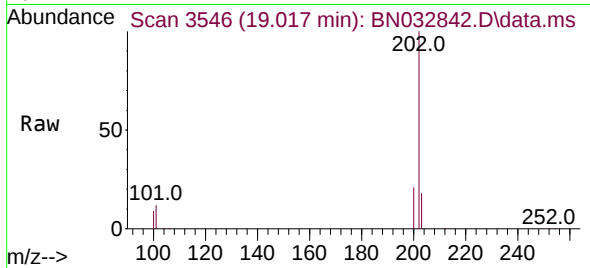
Tgt Ion:178 Resp: 662939
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.2
176 18.3 15.4 23.0





#19
Fluoranthene
Concen: 93.037 ng/ul
RT: 19.017 min Scan# 3546
Delta R.T. -0.014 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

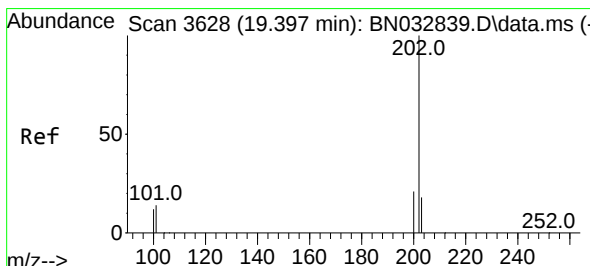
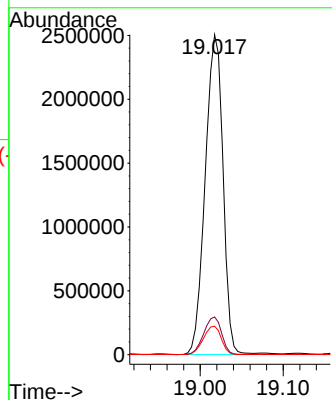
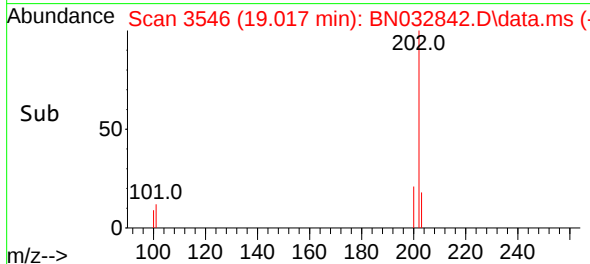
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



Tgt Ion:202 Resp: 374940
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.9 7.9 11.9

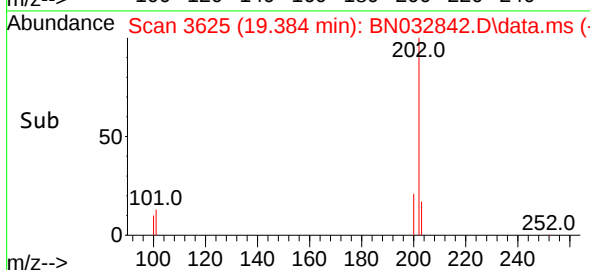
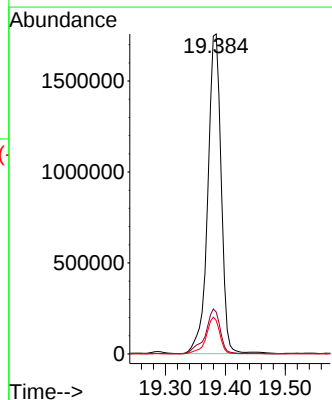
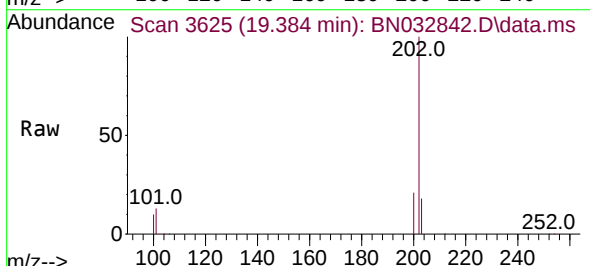
Manual Integrations
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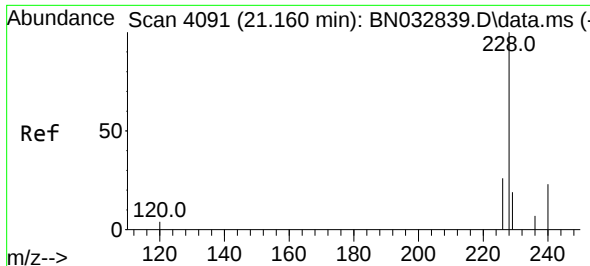
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 65.236 ng/ul
RT: 19.384 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

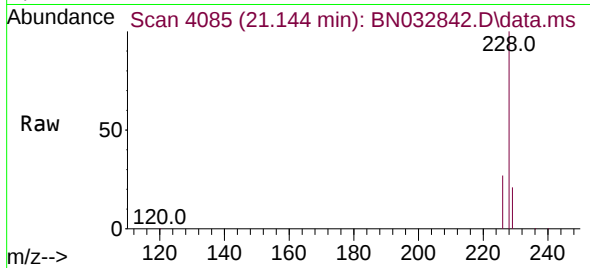
Tgt Ion:202 Resp: 2721240
Ion Ratio Lower Upper
202 100
101 13.1 11.8 17.6
100 10.5 9.6 14.4





#21
Benzo(a)anthracene
Concen: 55.225 ng/ul
RT: 21.144 min Scan# 4091
Delta R.T. -0.015 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

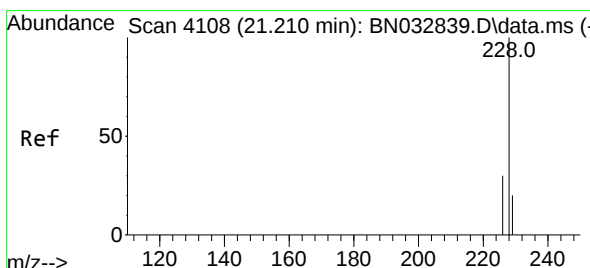
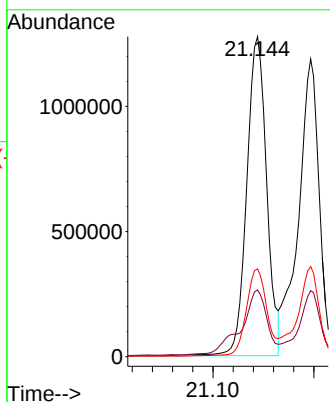
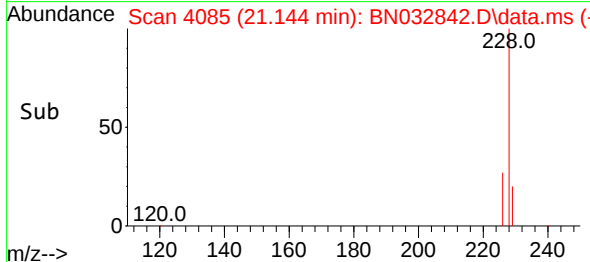
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



Tgt Ion:228 Resp: 174241
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.5 21.9 32.9

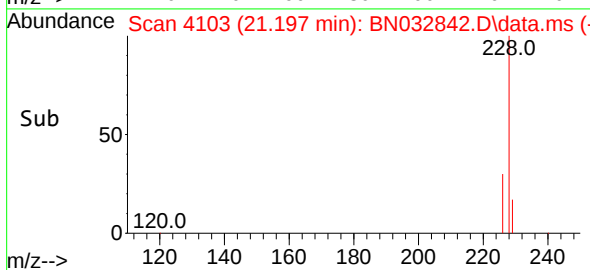
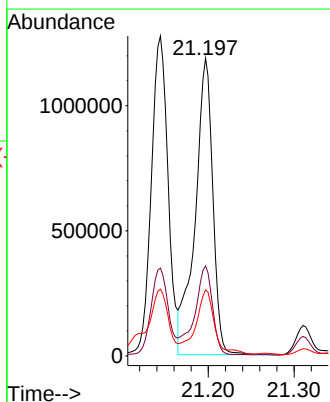
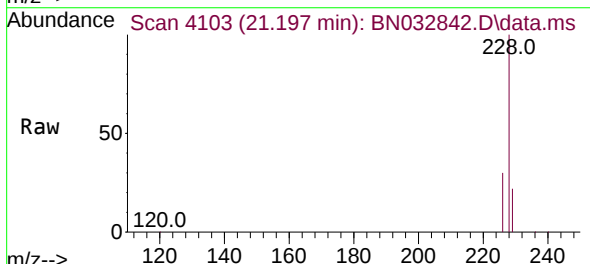
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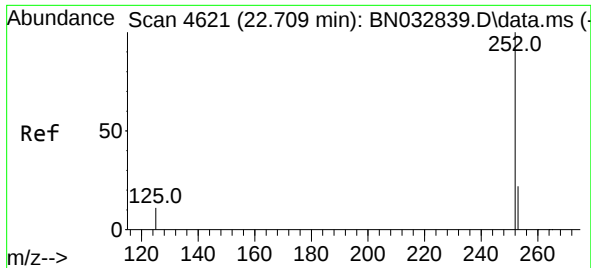
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 37.211 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

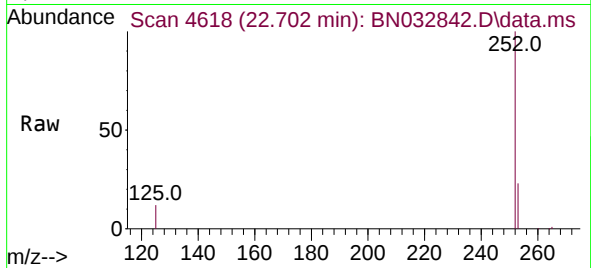
Tgt Ion:228 Resp: 1698409
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 37.162 ng/ul m
RT: 22.702 min Scan# 4618
Delta R.T. -0.009 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

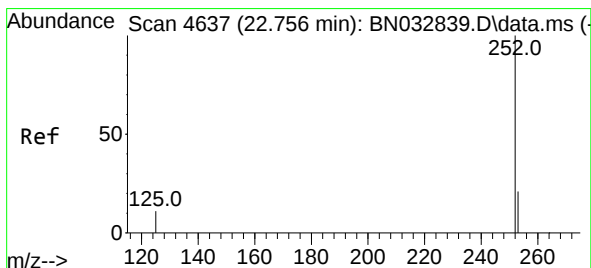
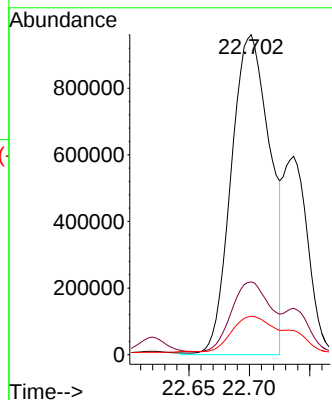
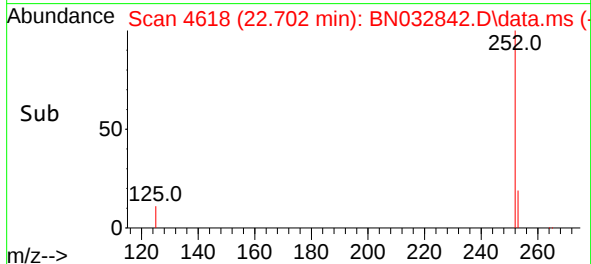
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



Tgt Ion:252 Resp: 214909
Ion Ratio Lower Upper
252 100
253 22.7 0.0 54.0
125 12.0 0.0 36.0

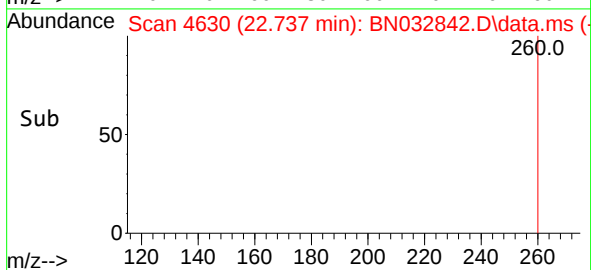
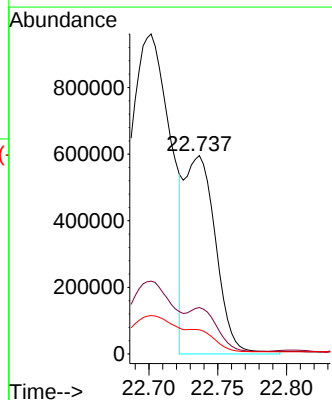
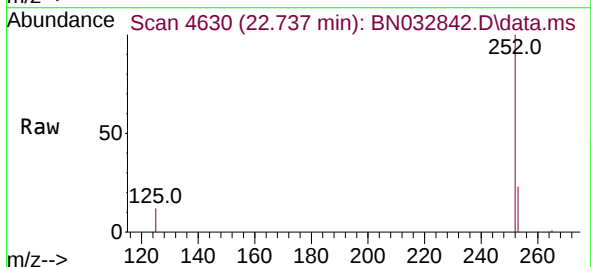
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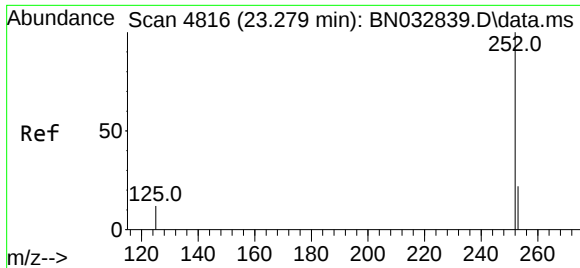
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 13.458 ng/ul m
RT: 22.737 min Scan# 4630
Delta R.T. -0.018 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

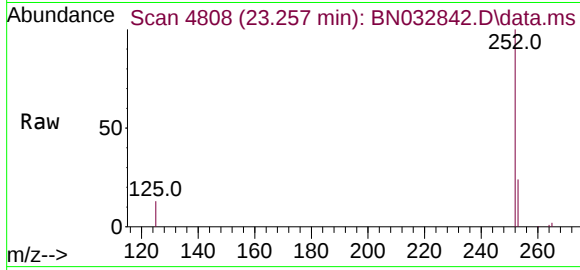
Tgt Ion:252 Resp: 948448
Ion Ratio Lower Upper
252 100
253 23.4 21.2 31.8
125 12.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 17.292 ng/ul
RT: 23.257 min Scan# 4808
Delta R.T. -0.021 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

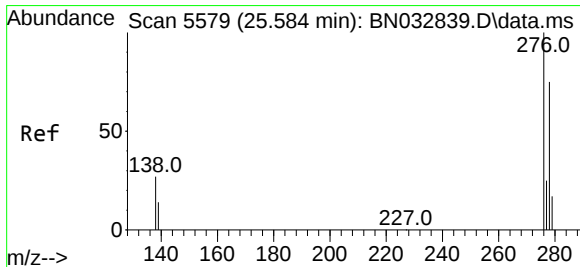
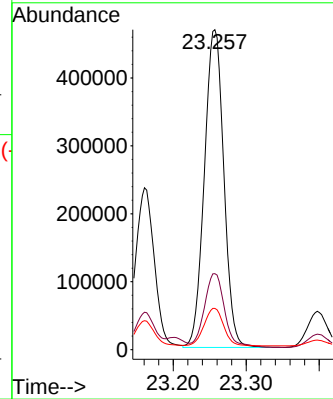
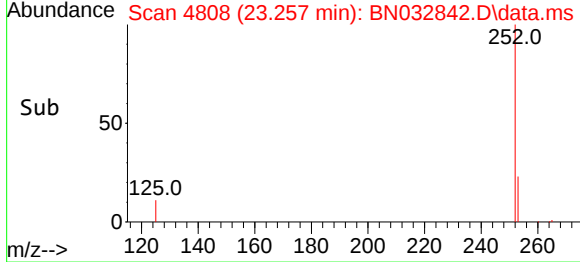
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



Tgt Ion:252 Resp: 865372
Ion Ratio Lower Upper
252 100
253 23.7 25.4 38.0
125 12.9 20.6 30.8

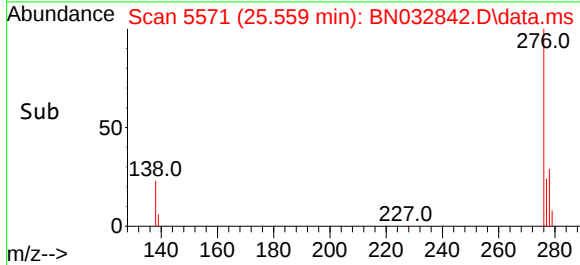
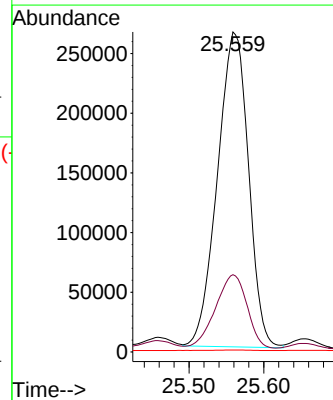
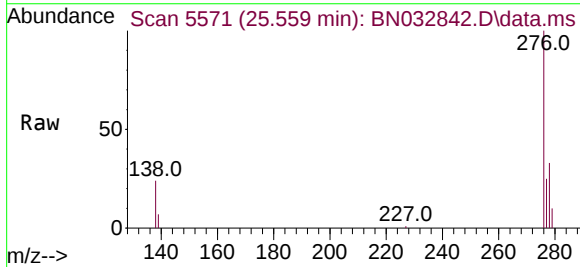
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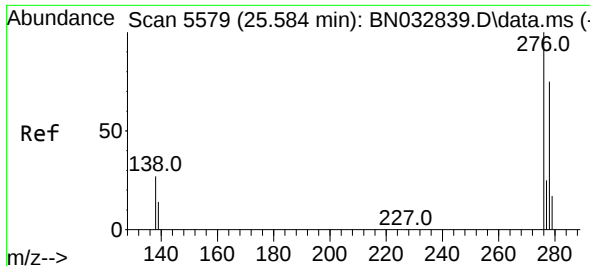
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 11.231 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.024 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

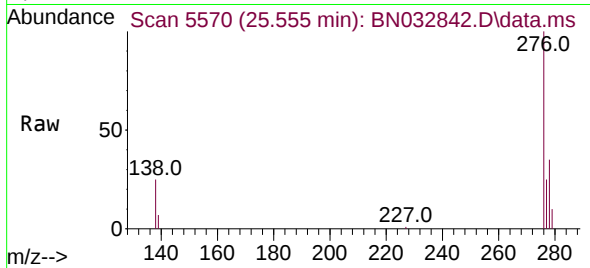
Tgt Ion:276 Resp: 761043
Ion Ratio Lower Upper
276 100
138 23.8 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 5.608 ng/ul
RT: 25.555 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48

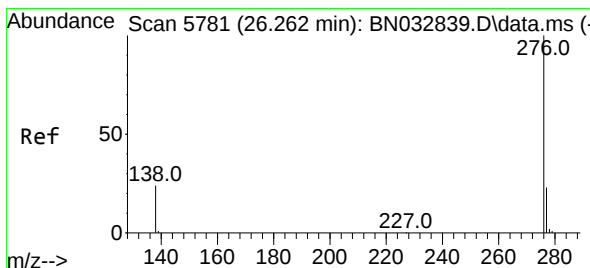
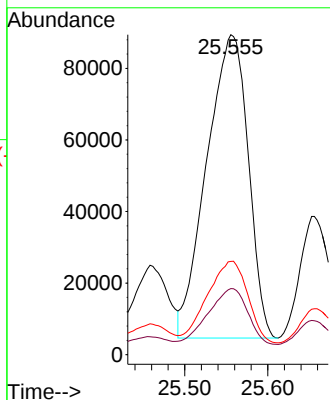
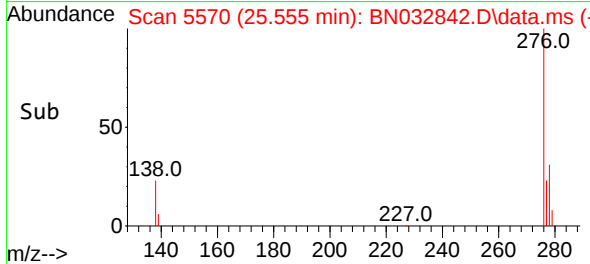
Instrument :
BNA_N
ClientSampleId :
A4BE6MS



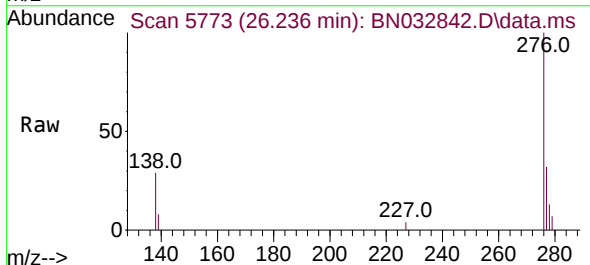
Tgt Ion:278 Resp: 29457
Ion Ratio Lower Upper
278 100
139 20.6 16.6 24.8
279 29.2 23.7 35.5

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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 1.966 ng/ul
RT: 26.236 min Scan# 5773
Delta R.T. -0.024 min
Lab File: BN032842.D
Acq: 19 Jul 2024 15:48



Tgt Ion:276 Resp: 111346
Ion Ratio Lower Upper
276 100
138 28.7 21.0 31.4
277 31.9 20.6 31.0#

