

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032843.D
 Acq On : 19 Jul 2024 16:24
 Operator : MA/JU
 Sample : P3238-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE6MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 18:34:29 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	7.532	152	3385	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	10593	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164	6981	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.940	188	15236	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.162	240	11907	0.400	ng/ul	#-0.01
23) Perylene-d12	23.357	264	19854	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	1279	0.315	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	3546	0.221	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	8465	0.218	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.127	88	3264	0.705	ng/ul#	86
5) Naphthalene	10.349	128	193776	6.812	ng/ul	96
7) 2-Methylnaphthalene	11.971	142	66910	3.768	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	48886	2.662	ng/ul	99
10) Acenaphthylene	13.901	152	62945	2.232	ng/ul	99
11) Acenaphthene	14.244	153	228177	9.783	ng/ul	98
12) Fluorene	15.238	166	255506	9.583	ng/ul	98
14) Pentachlorophenol	16.619	266	1467	0.549	ng/ul	97
15) Phenanthrene	16.986	178	3274063	78.904	ng/ul	99
16) Anthracene	17.075	178	740448	21.842	ng/ul	98
19) Fluoranthene	19.022	202	4302628	88.876	ng/ul	97
20) Pyrene	19.385	202	3181336	63.487	ng/ul	99
21) Benzo(a)anthracene	21.144	228	2092566	55.210	ng/ul	99
22) Chrysene	21.197	228	2000954	36.494	ng/ul	97
24) Benzo(b)fluoranthene	22.705	252	2537843m	36.228	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	1120066m	13.120	ng/ul	
26) Benzo(a)pyrene	23.257	252	1029909	16.989	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.566	276	899466	10.958	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.559	278	349061	5.486	ng/ul	100
29) Benzo(g,h,i)perylene	26.243	276	132224	1.927	ng/ul#	91

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

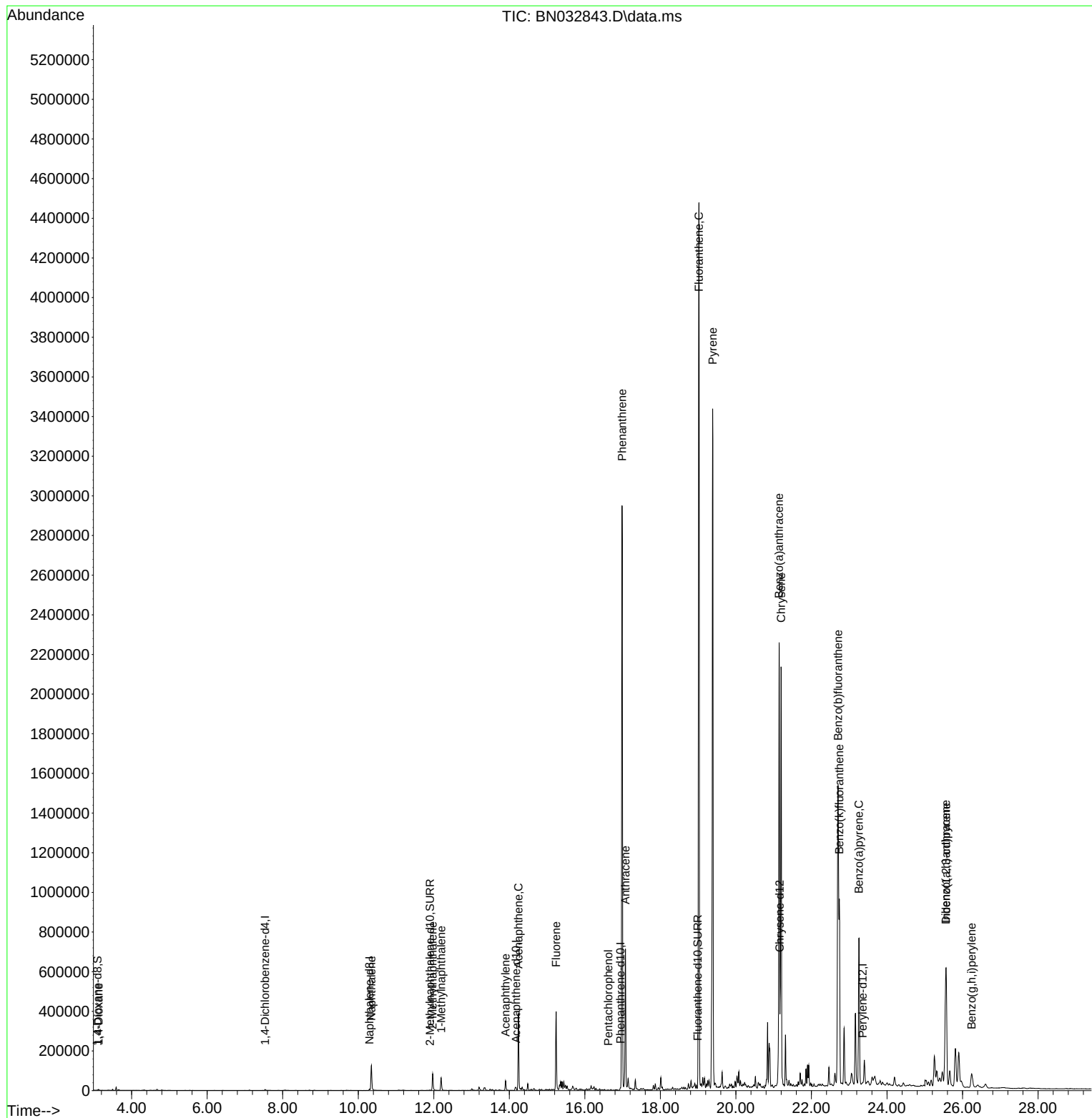
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032843.D
Acq On : 19 Jul 2024 16:24
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ALS Vial : 6 Sample Multiplier: 1

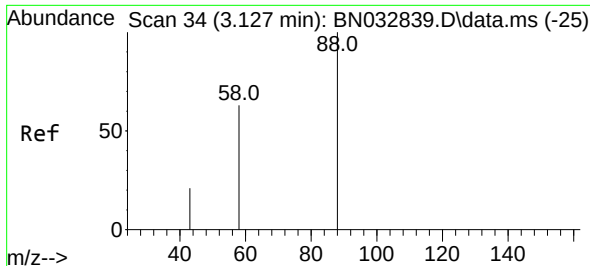
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD

Quant Time: Jul 19 18:34:29 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
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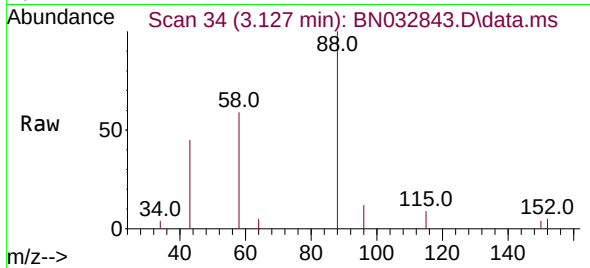
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024





#2
1,4-Dioxane
Concen: 0.705 ng/ul
RT: 3.127 min Scan# 34
Delta R.T. -0.009 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

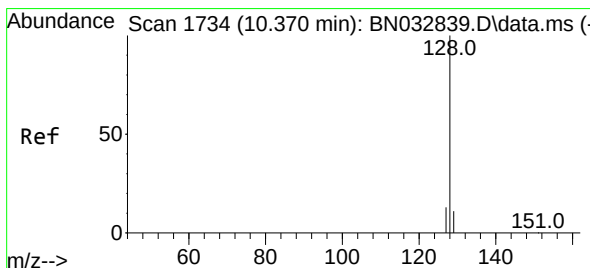
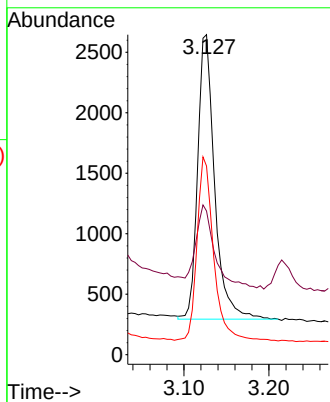
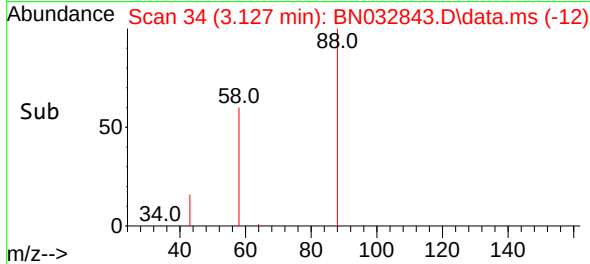
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD



Tgt Ion: 88 Resp: 3264
Ion Ratio Lower Upper
88 100
43 44.9 24.0 36.0
58 59.0 43.3 64.9

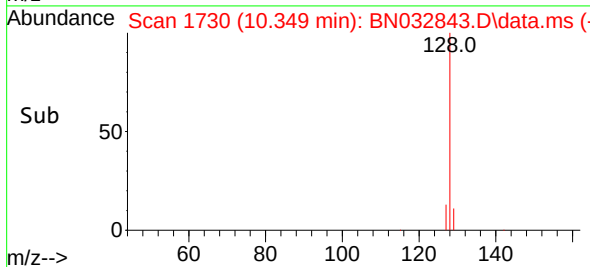
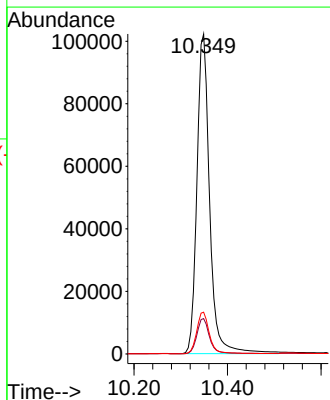
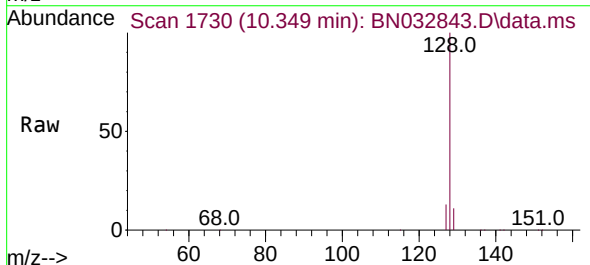
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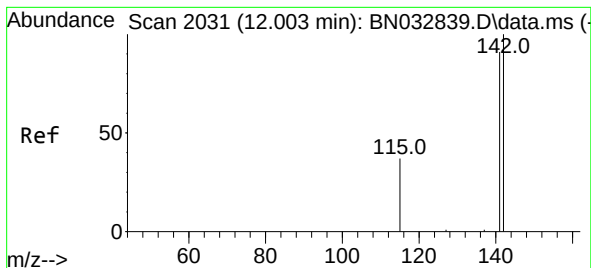
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#5
Naphthalene
Concen: 6.812 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. -0.022 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

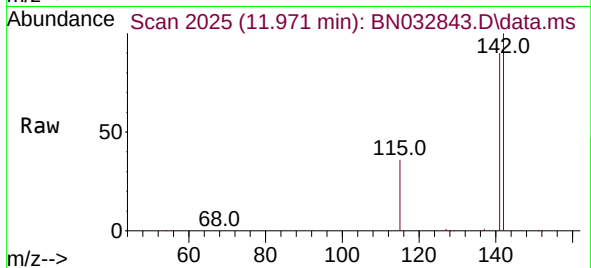
Tgt Ion:128 Resp: 193776
Ion Ratio Lower Upper
128 100
129 11.1 10.0 15.0
127 13.0 11.6 17.4





#7
2-Methylnaphthalene
Concen: 3.768 ng/ul
RT: 11.971 min Scan# 2031
Delta R.T. -0.033 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

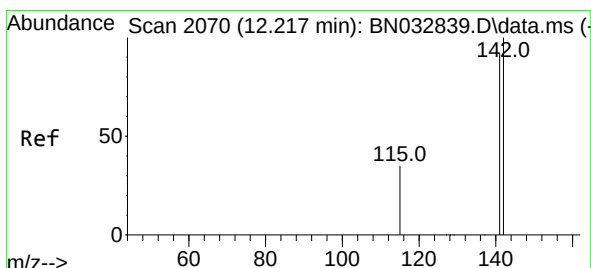
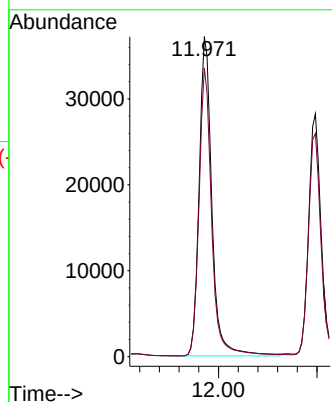
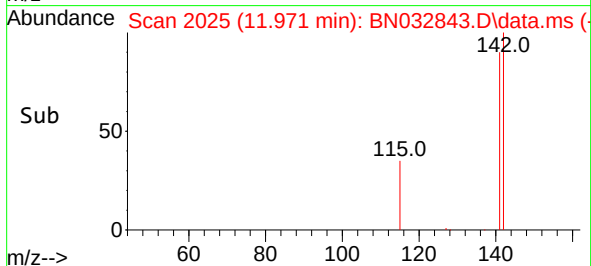
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD



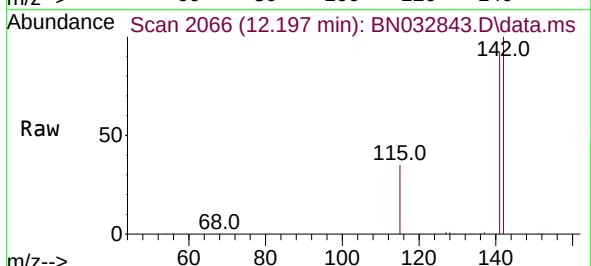
Tgt Ion:142 Resp: 66910
Ion Ratio Lower Upper
142 100
141 89.4 74.0 111.0

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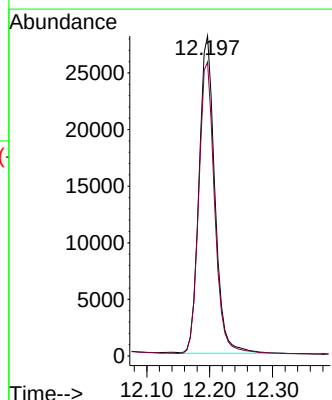
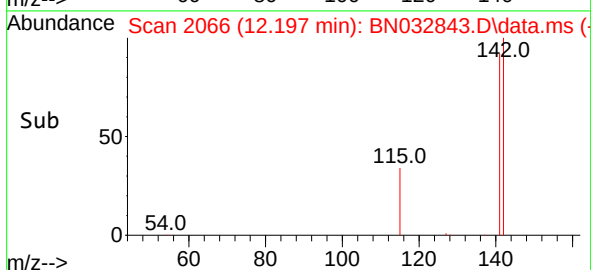
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

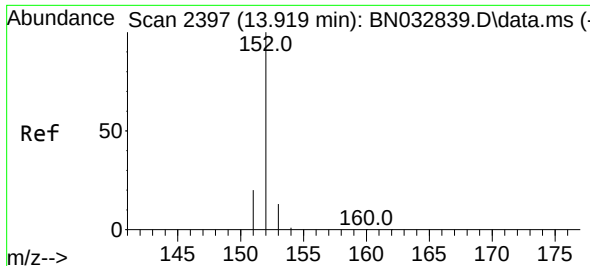


#8
1-Methylnaphthalene
Concen: 2.662 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.022 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24



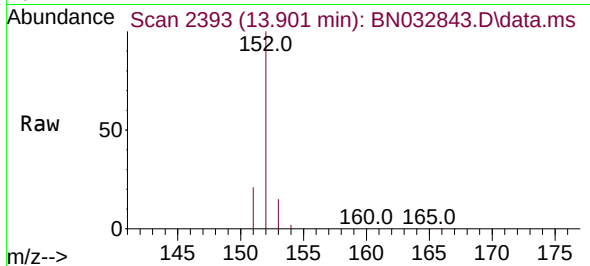
Tgt Ion:142 Resp: 48886
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4





#10
Acenaphthylene
Concen: 2.232 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

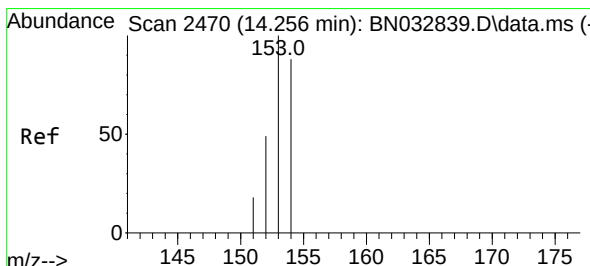
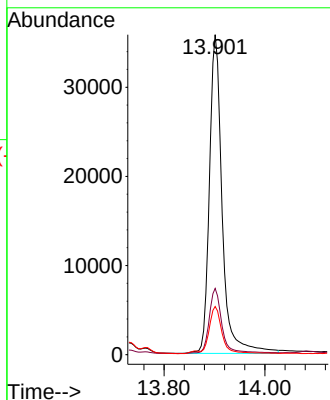
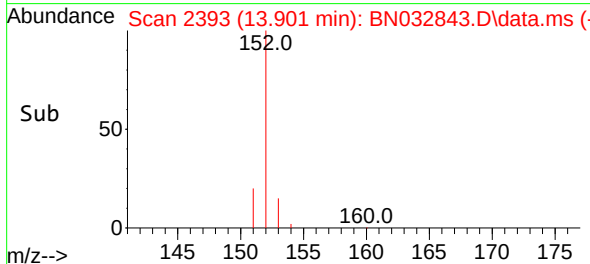
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD



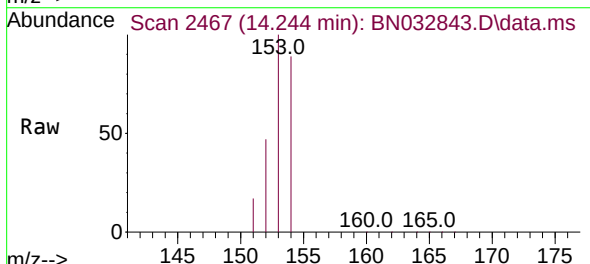
Tgt Ion:152 Resp: 62945
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 15.1 11.3 16.9

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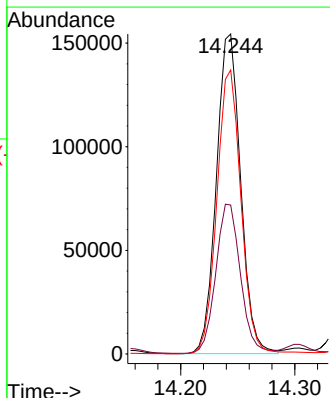
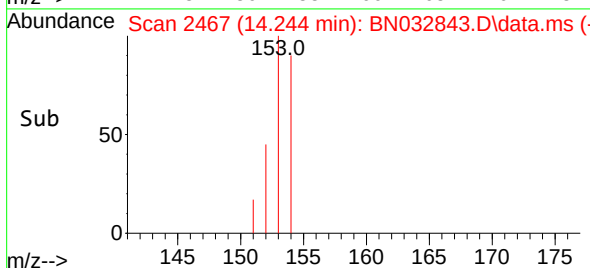
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

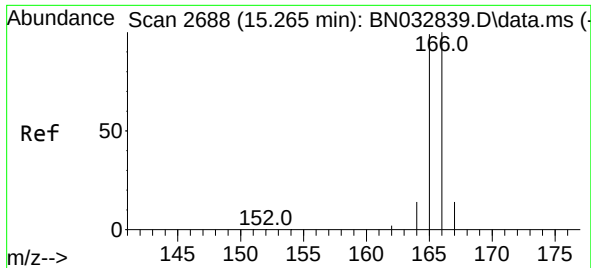


#11
Acenaphthene
Concen: 9.783 ng/ul
RT: 14.244 min Scan# 2467
Delta R.T. -0.014 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24



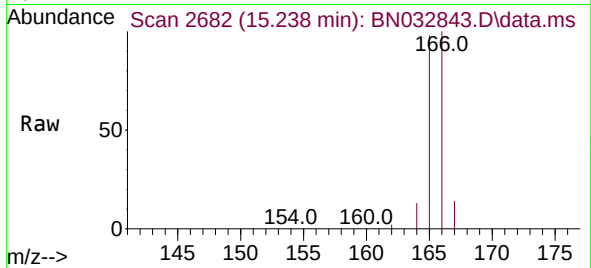
Tgt Ion:153 Resp: 228177
Ion Ratio Lower Upper
153 100
152 46.6 40.0 60.0
154 88.8 70.2 105.4





#12
Fluorene
Concen: 9.583 ng/ul
RT: 15.238 min Scan# 20
Delta R.T. -0.028 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

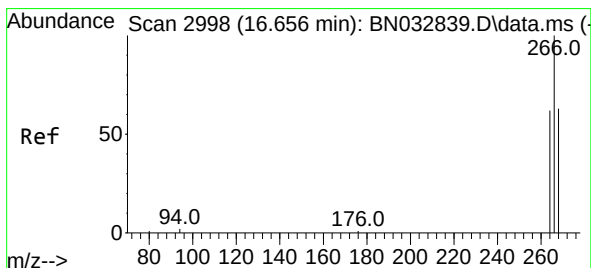
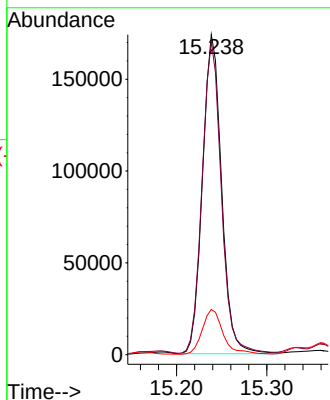
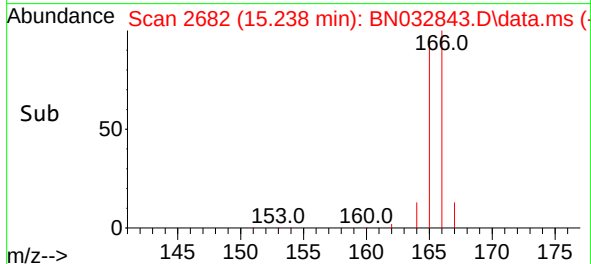
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD



Tgt Ion:166 Resp: 255500
Ion Ratio Lower Upper
166 100
165 97.9 79.7 119.5
167 14.2 11.4 17.2

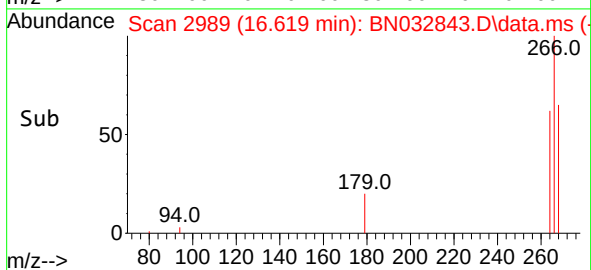
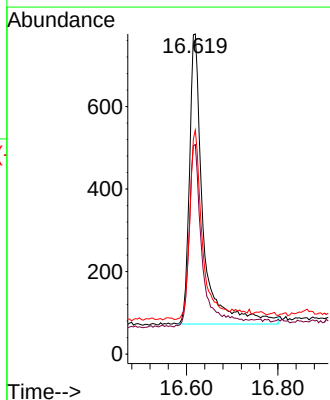
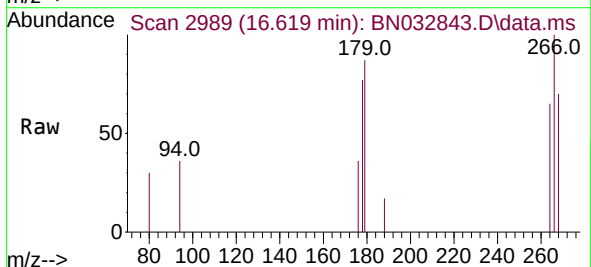
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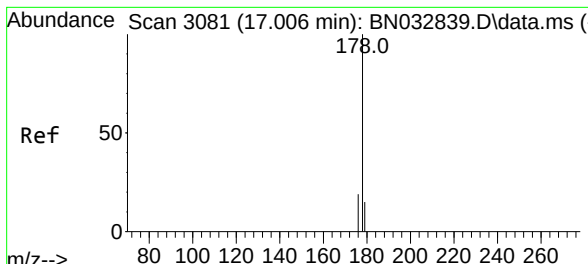
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#14
Pentachlorophenol
Concen: 0.549 ng/ul
RT: 16.619 min Scan# 2989
Delta R.T. -0.030 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

Tgt Ion:266 Resp: 1467
Ion Ratio Lower Upper
266 100
264 64.6 49.4 74.2
268 63.4 51.6 77.4





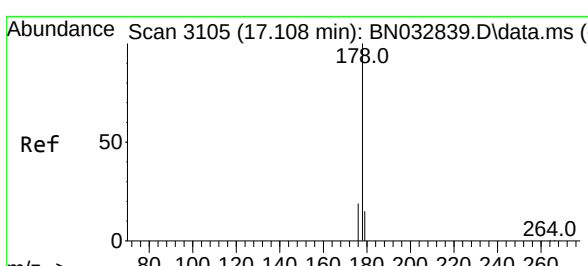
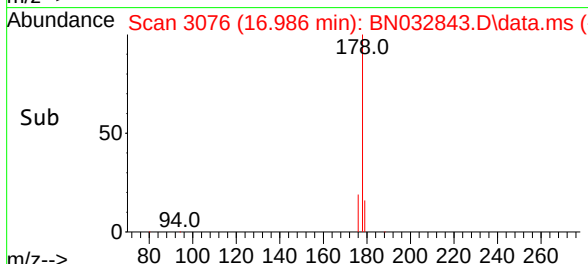
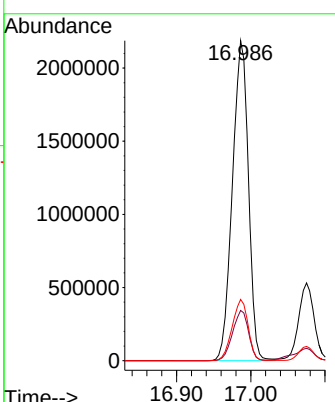
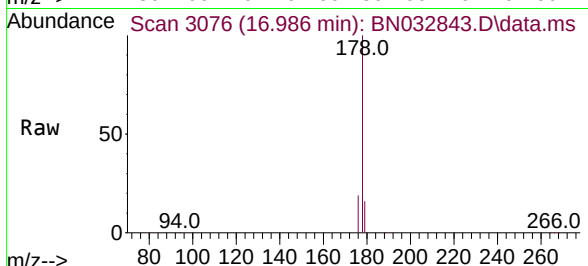
#15
 Phenanthrene
 Concen: 78.904 ng/ul
 RT: 16.986 min Scan# 3076
 Delta R.T. -0.021 min
 Lab File: BN032843.D
 Acq: 19 Jul 2024 16:24

Instrument : BNA_N
 ClientSampleId : A4BE6MSD

Tgt Ion:178 Resp: 327406

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.4
176	19.2	15.6	23.4

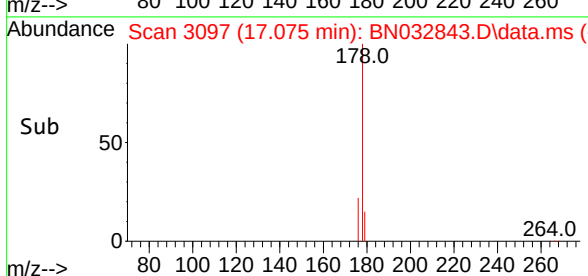
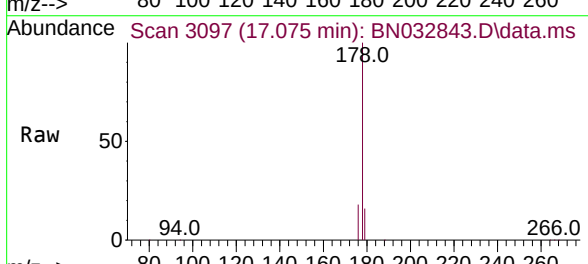
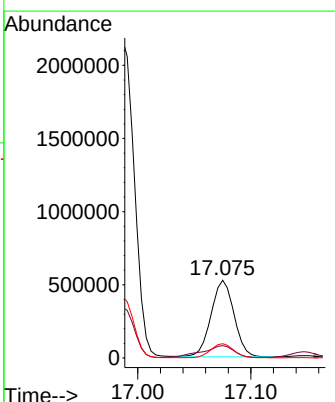
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 Supervised By :mohammad ahmed 07/22/2024

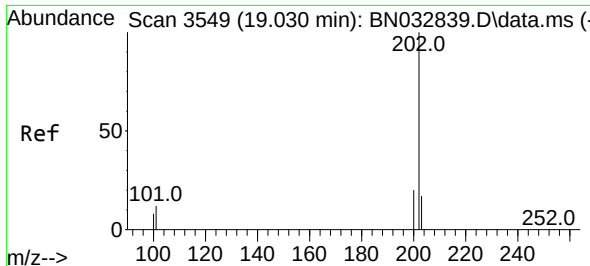


#16
 Anthracene
 Concen: 21.842 ng/ul
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.030 min
 Lab File: BN032843.D
 Acq: 19 Jul 2024 16:24

Tgt Ion:178 Resp: 740448

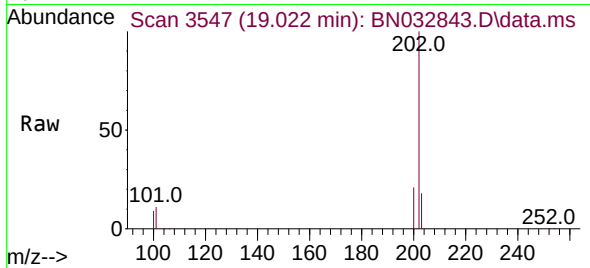
Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.4	20.2
176	18.3	15.4	23.0





#19
Fluoranthene
Concen: 88.876 ng/ul
RT: 19.022 min Scan# 3549
Delta R.T. -0.009 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

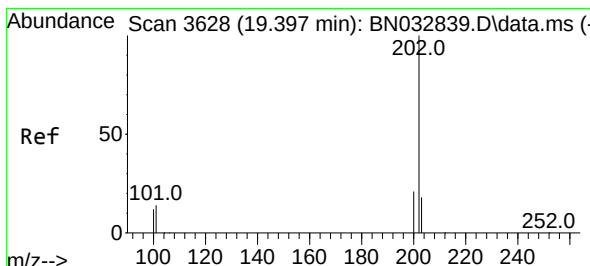
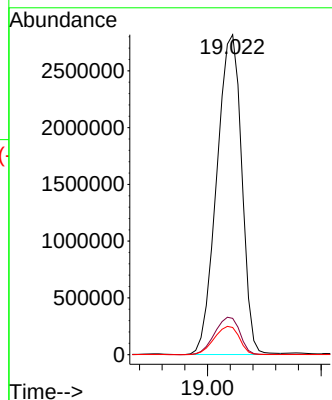
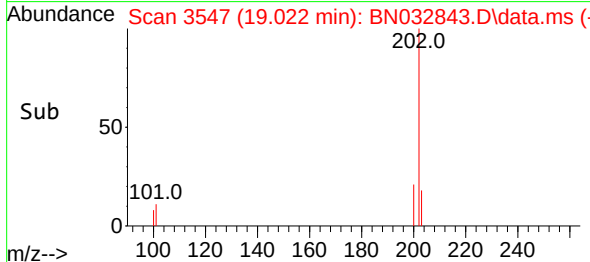
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD



Tgt Ion:202 Resp: 4302628
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.5 7.9 11.9

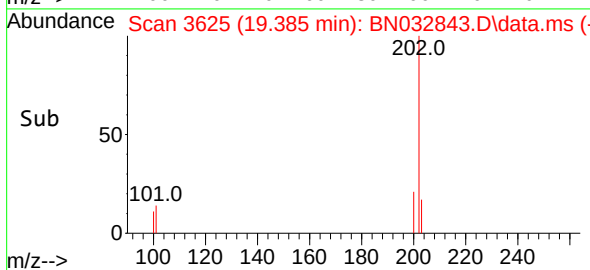
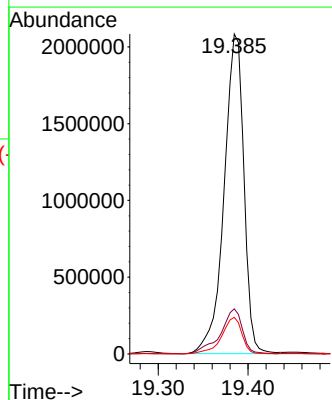
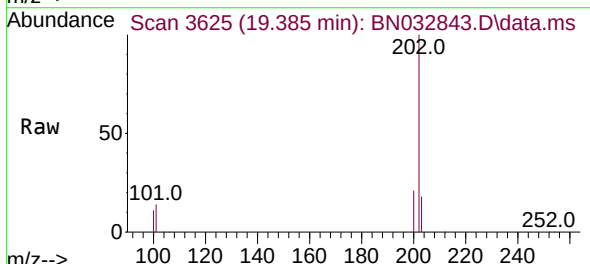
Manual Integrations
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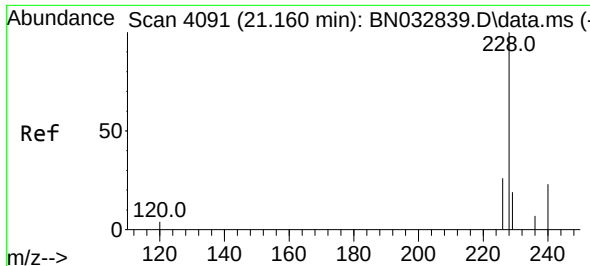
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 63.487 ng/ul
RT: 19.385 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

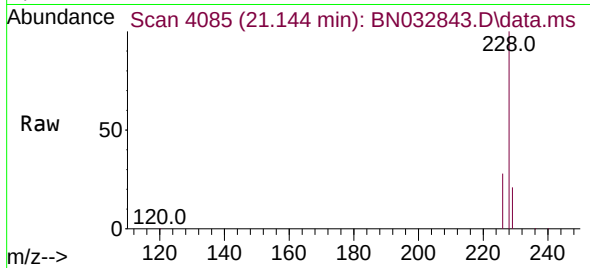
Tgt Ion:202 Resp: 3181336
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 55.210 ng/ul
RT: 21.144 min Scan# 4091
Delta R.T. -0.015 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

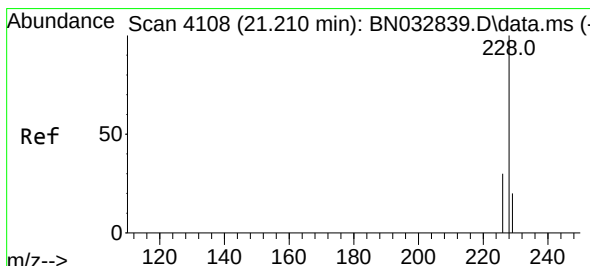
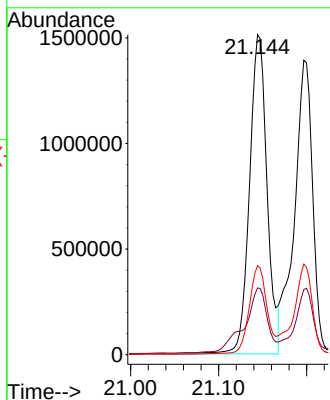
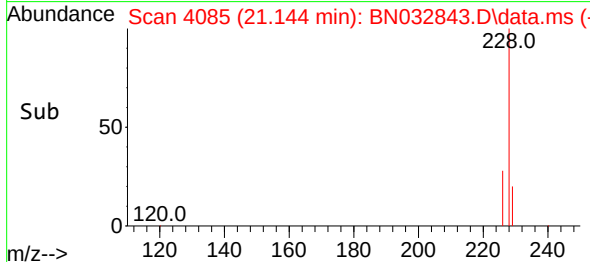
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD



Tgt Ion:228 Resp: 2092560
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.8 21.9 32.9

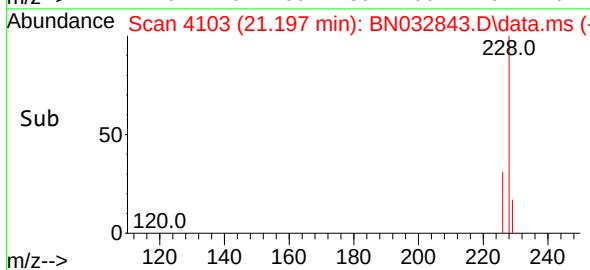
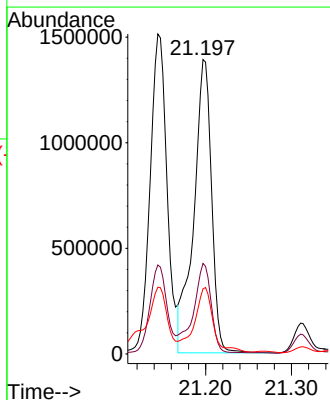
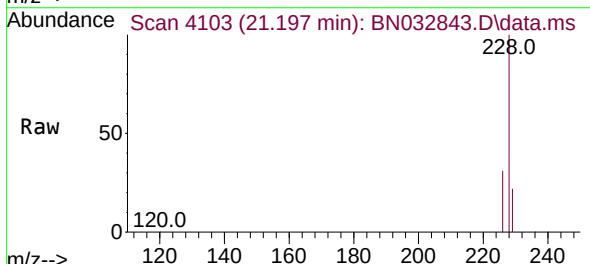
Manual Integrations
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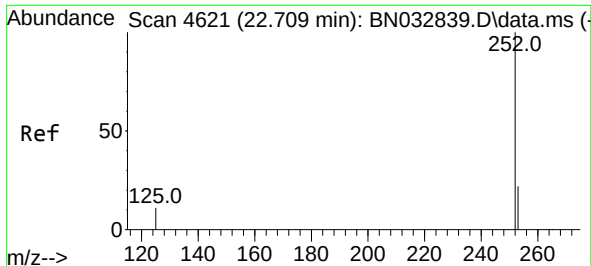
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 36.494 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

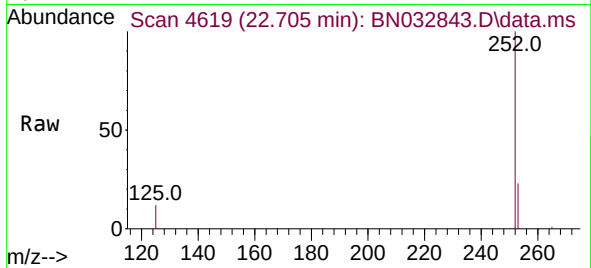
Tgt Ion:228 Resp: 2000954
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 36.228 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.006 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

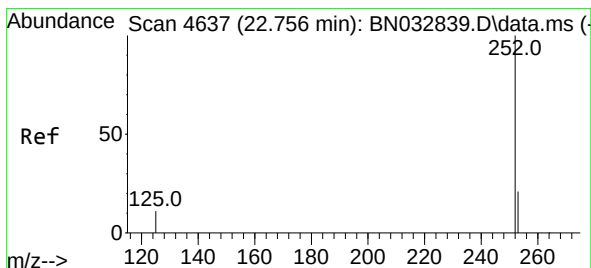
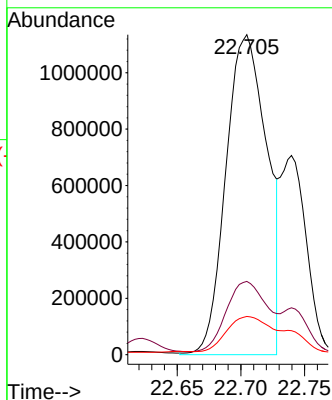
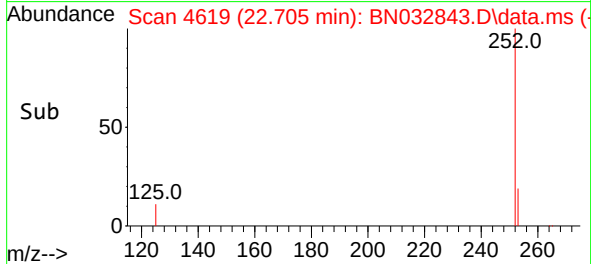
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD



Tgt Ion:252 Resp: 253784
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.0
125 12.0 0.0 36.0

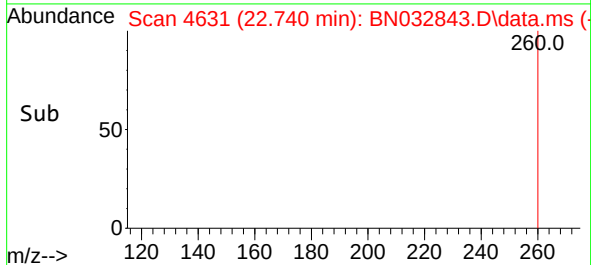
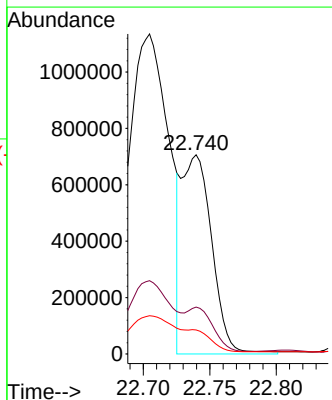
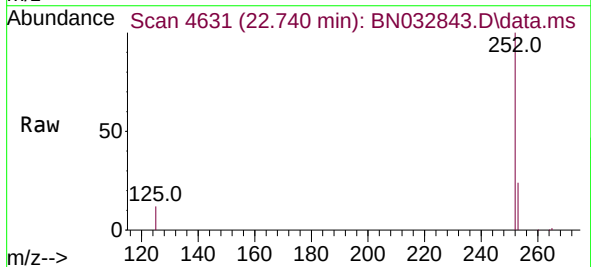
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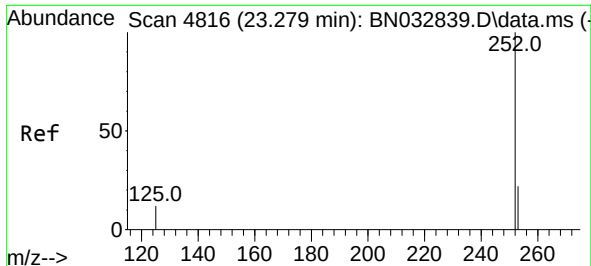
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 13.120 ng/ul m
RT: 22.740 min Scan# 4631
Delta R.T. -0.015 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

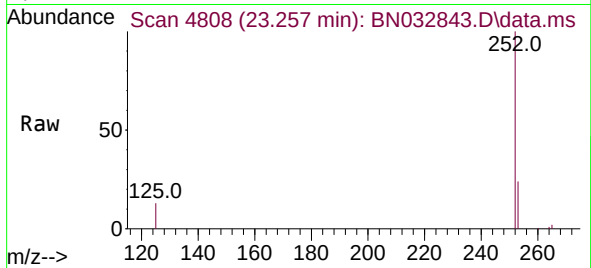
Tgt Ion:252 Resp: 1120066
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 12.1 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 16.989 ng/ul
RT: 23.257 min Scan# 4808
Delta R.T. -0.021 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

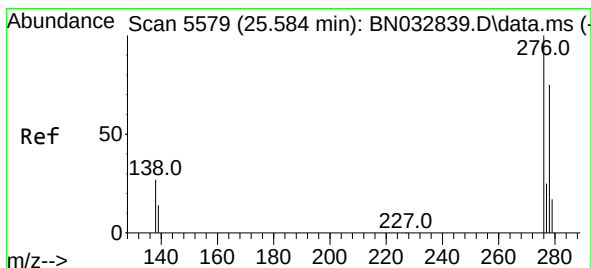
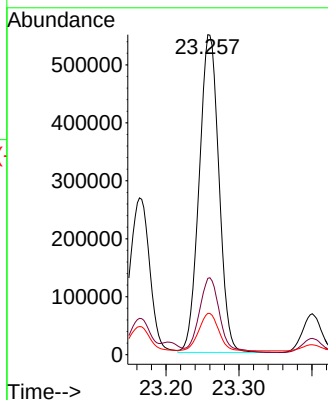
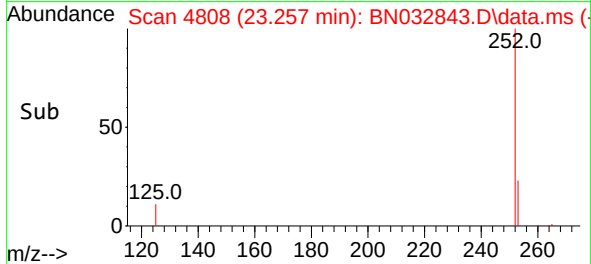
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD



Tgt Ion:252 Resp: 1029909
Ion Ratio Lower Upper
252 100
253 23.9 25.4 38.0
125 12.9 20.6 30.8

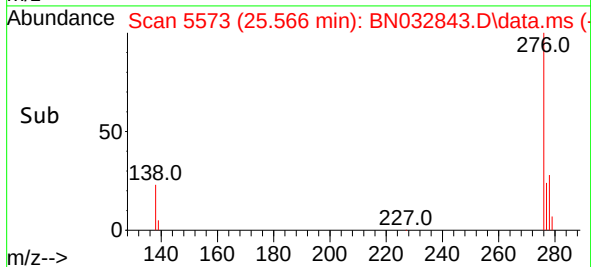
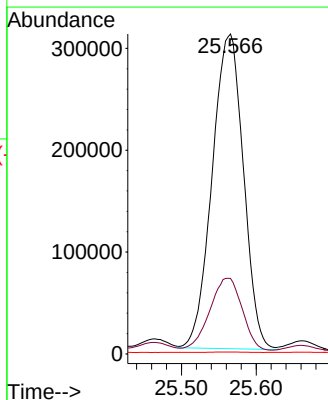
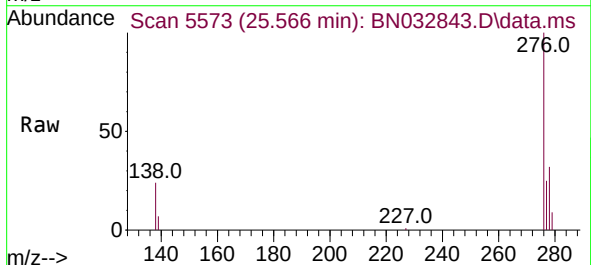
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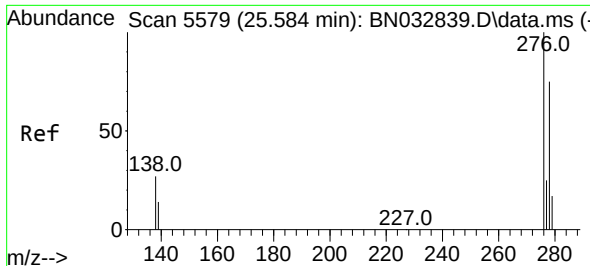
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 10.958 ng/ul
RT: 25.566 min Scan# 5573
Delta R.T. -0.017 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

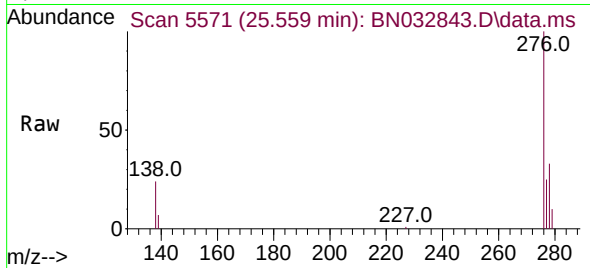
Tgt Ion:276 Resp: 899466
Ion Ratio Lower Upper
276 100
138 23.7 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 5.486 ng/ul
RT: 25.559 min Scan# 51
Delta R.T. -0.030 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24

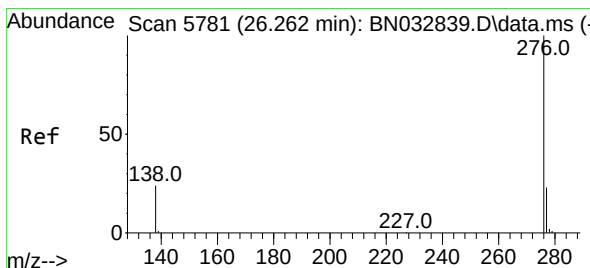
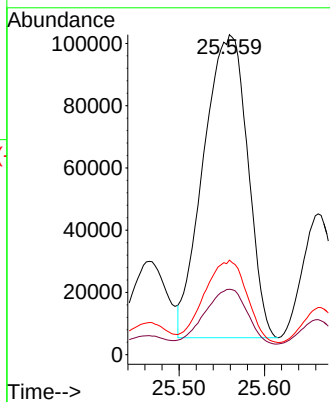
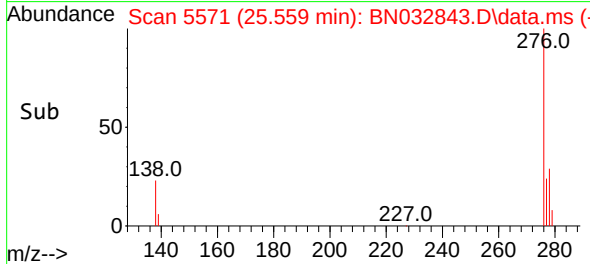
Instrument :
BNA_N
ClientSampleId :
A4BE6MSD



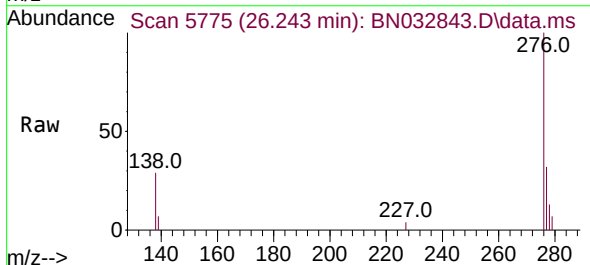
Tgt Ion:278 Resp: 34906
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 29.5 23.7 35.5

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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: 1.927 ng/ul
RT: 26.243 min Scan# 5775
Delta R.T. -0.017 min
Lab File: BN032843.D
Acq: 19 Jul 2024 16:24



Tgt Ion:276 Resp: 132224
Ion Ratio Lower Upper
276 100
138 28.8 21.0 31.4
277 31.9 20.6 31.0#

