

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028897.D
 Acq On : 28 Nov 2023 02:09
 Operator : MA/JU
 Sample : 05416-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 28 04:32:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	3991m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.428	136	13592	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	6407	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.047	188	10515	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.260	240	9192	0.400	ng/ul	#-0.01
23) Perylene-d12	23.531	264	10529	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	10610	2.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.050	152	1414	0.069	ng/ul	-0.02
18) Fluoranthene-d10	19.084	212	3255	0.110	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.483	128	4075	0.107	ng/ul#	86
7) 2-Methylnaphthalene	12.116	142	2024	0.081	ng/ul	97
8) 1-Methylnaphthalene	12.325	142	1678	0.066	ng/ul	100
10) Acenaphthylene	14.006	152	3432	0.107	ng/ul#	89
11) Acenaphthene	14.352	153	617	0.026	ng/ul#	92
12) Fluorene	15.347	166	1682	0.061	ng/ul#	96
15) Phenanthrene	17.089	178	18919	0.586	ng/ul	98
16) Anthracene	17.178	178	5346	0.180	ng/ul#	89
19) Fluoranthene	19.112	202	60354	1.544	ng/ul	100
20) Pyrene	19.475	202	53966	1.332	ng/ul	97
21) Benzo(a)anthracene	21.245	228	25839	0.711	ng/ul	96
22) Chrysene	21.298	228	21140	0.595	ng/ul	97
24) Benzo(b)fluoranthene	22.847	252	38455m	0.973	ng/ul	
25) Benzo(k)fluoranthene	22.888	252	15858m	0.383	ng/ul	
26) Benzo(a)pyrene	23.429	252	23051	0.618	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.860	276	16155	0.390	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.876	278	3627	0.110	ng/ul#	46
29) Benzo(g,h,i)perylene	26.567	276	14781	0.436	ng/ul	95

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

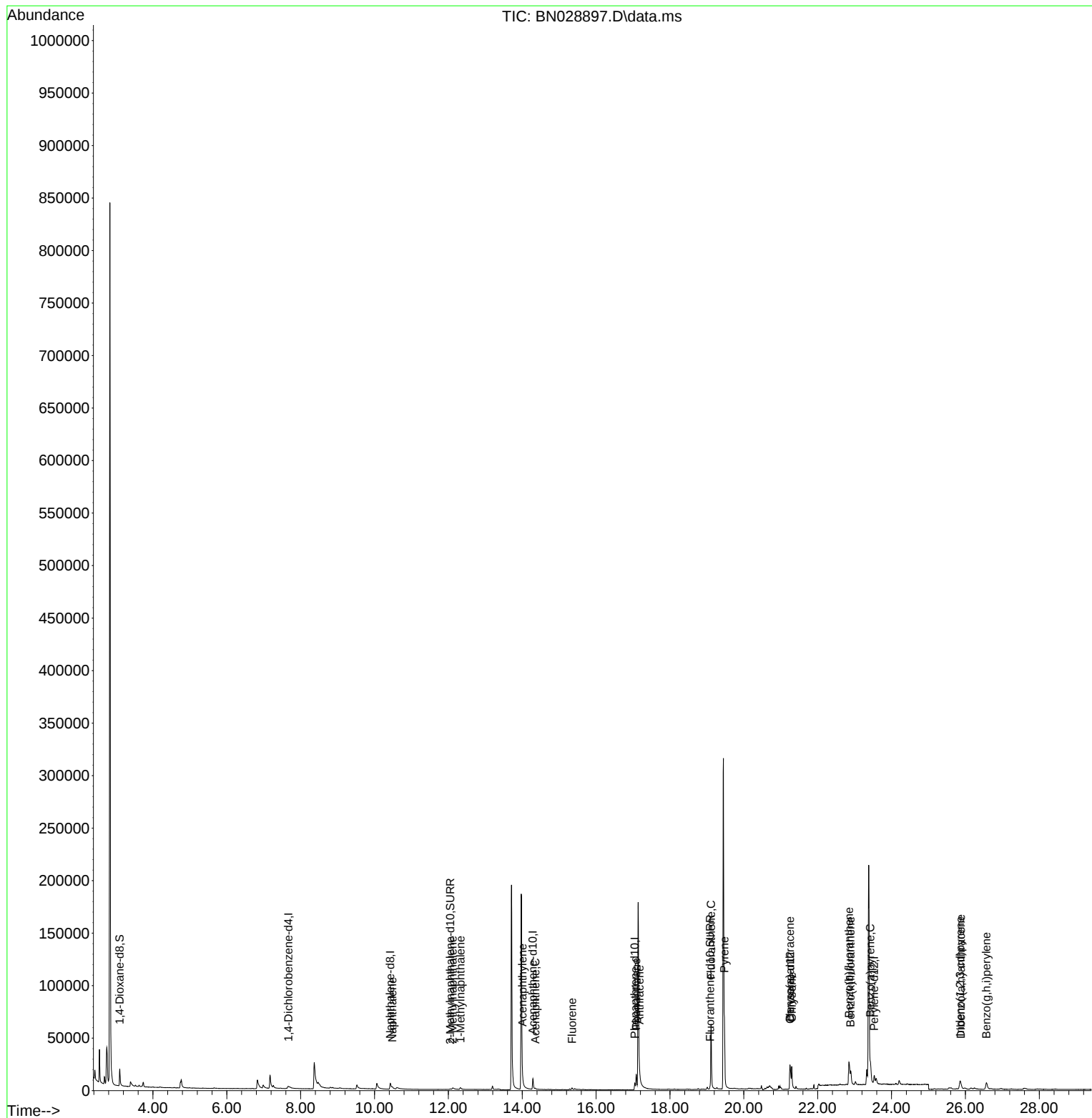
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028897.D
Acq On : 28 Nov 2023 02:09
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ALS Vial : 26 Sample Multiplier: 1

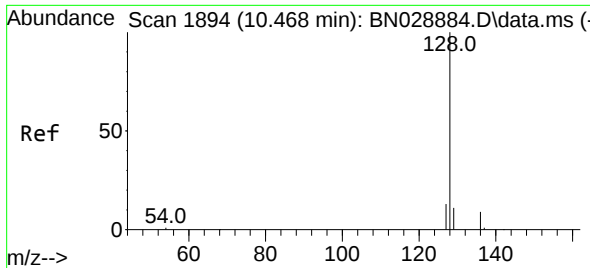
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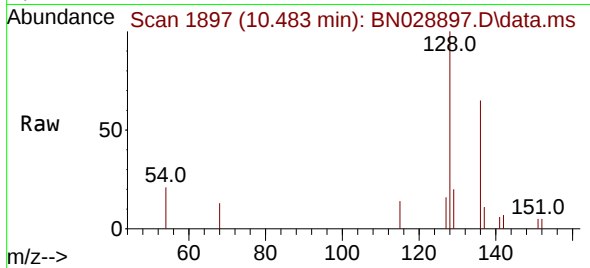
Quant Time: Nov 28 04:32:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.483 min Scan# 1897
Delta R.T. -0.023 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

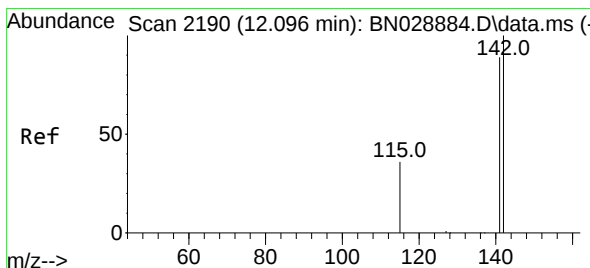
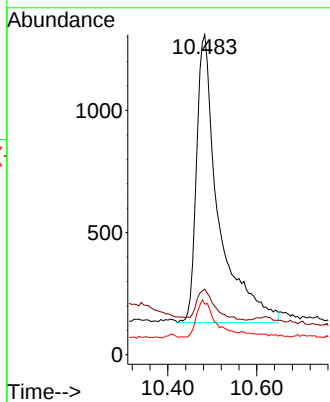
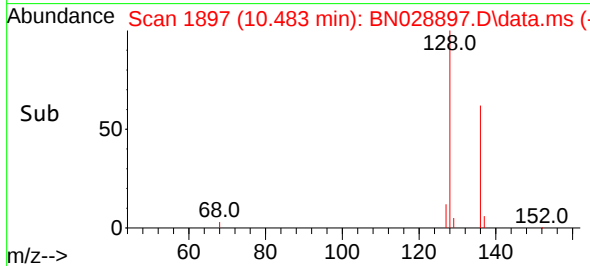
Instrument :
BNA_N
ClientSampleId :
C0AG7



Tgt Ion:128 Resp: 4075
Ion Ratio Lower Upper
128 100
129 20.5 9.2 13.8
127 15.8 10.7 16.1

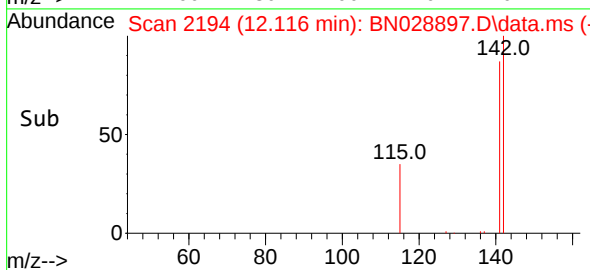
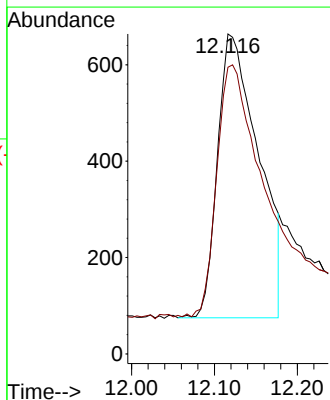
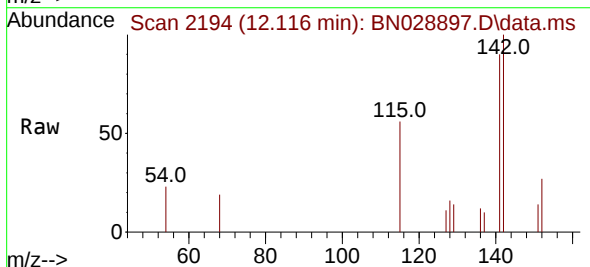
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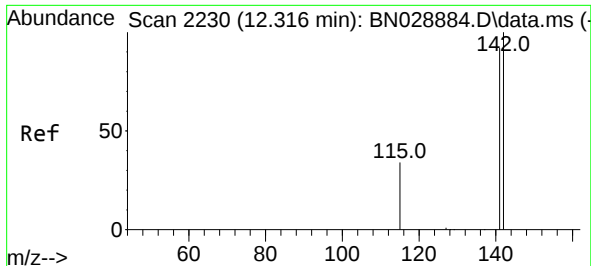
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.116 min Scan# 2194
Delta R.T. -0.023 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

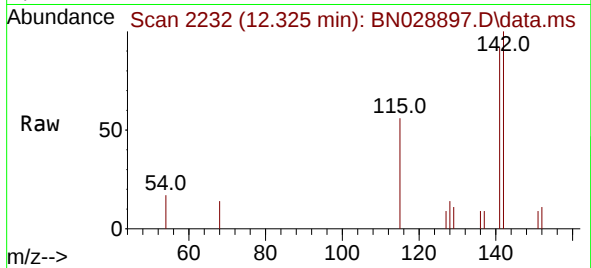
Tgt Ion:142 Resp: 2024
Ion Ratio Lower Upper
142 100
141 91.2 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.066 ng/u1
RT: 12.325 min Scan# 2119
Delta R.T. -0.012 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

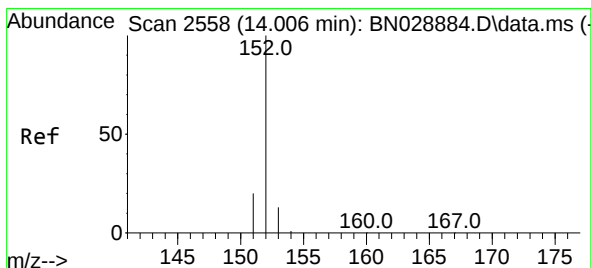
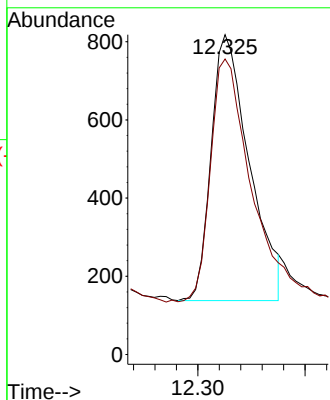
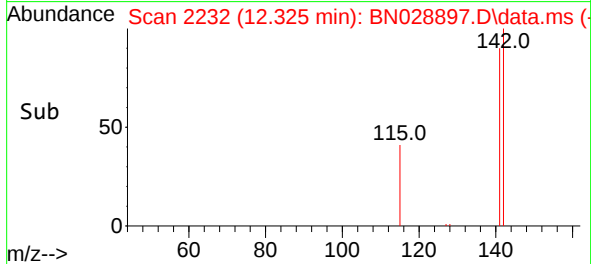
Instrument :
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Tgt Ion:142 Resp: 1678
Ion Ratio Lower Upper
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141 92.9 74.1 111.1

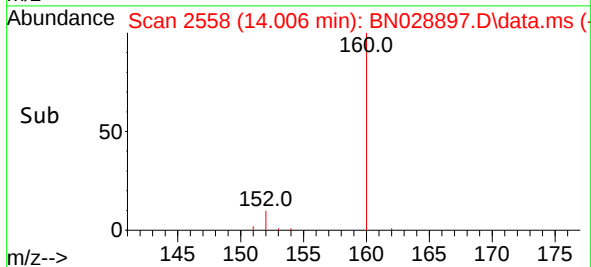
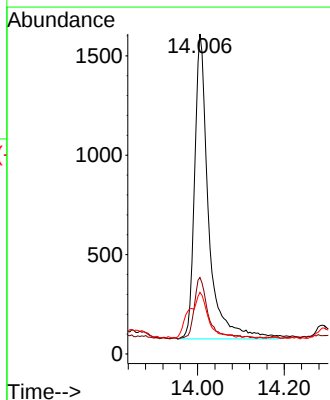
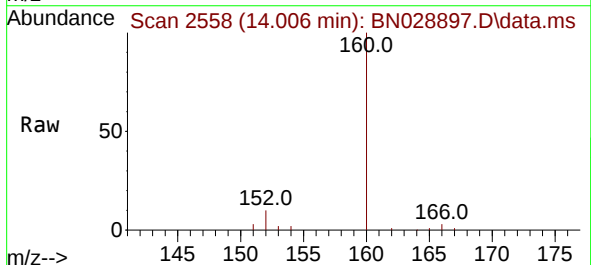
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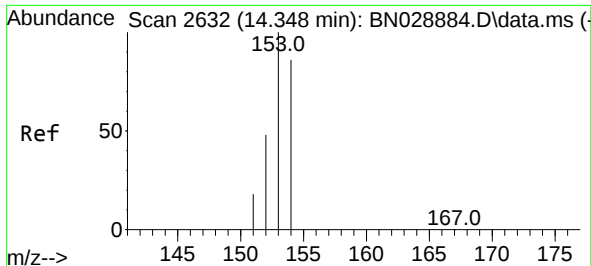
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Acenaphthylene
Concen: 0.107 ng/u1
RT: 14.006 min Scan# 2558
Delta R.T. -0.020 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

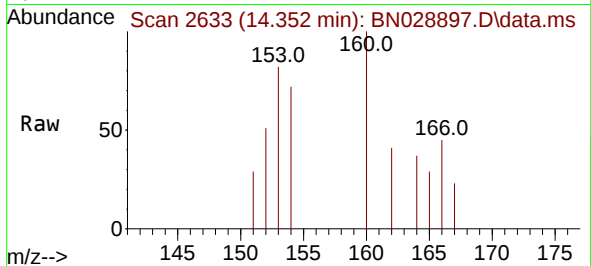
Tgt Ion:152 Resp: 3432
Ion Ratio Lower Upper
152 100
151 23.9 16.1 24.1
153 19.3 10.6 15.8#





#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.352 min Scan# 2633
Delta R.T. -0.010 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

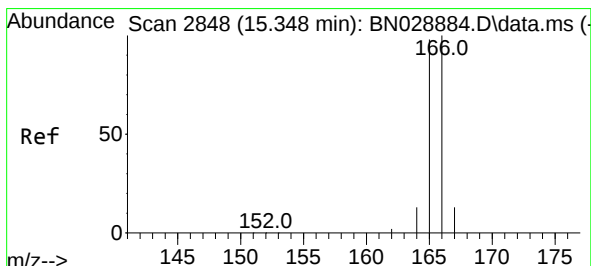
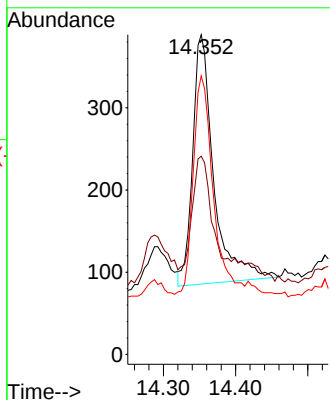
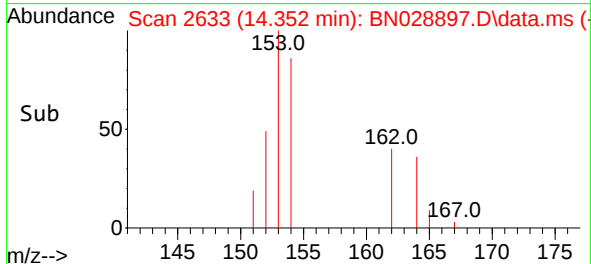
Instrument :
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Tgt Ion:153 Resp: 61
Ion Ratio Lower Upper
153 100
152 62.0 39.6 59.4
154 87.1 71.0 106.6

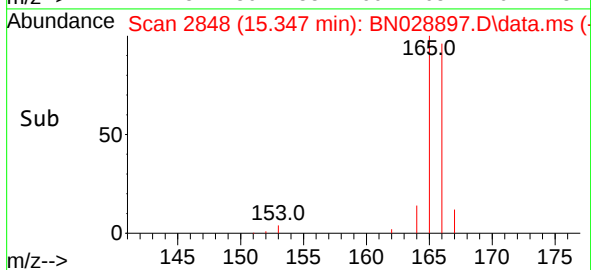
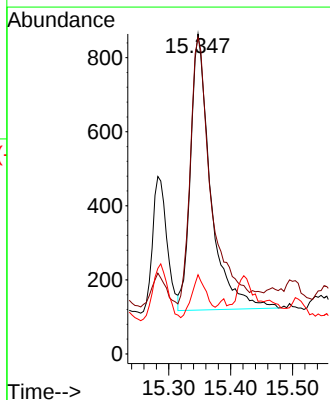
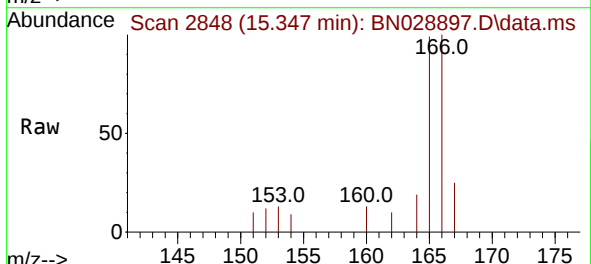
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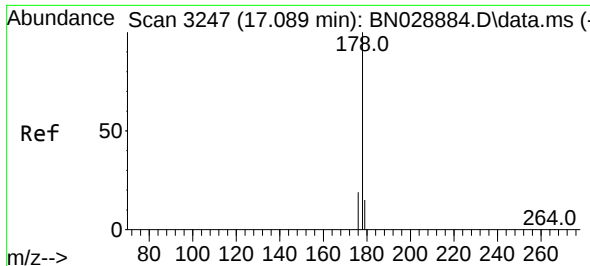
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.347 min Scan# 2848
Delta R.T. -0.020 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

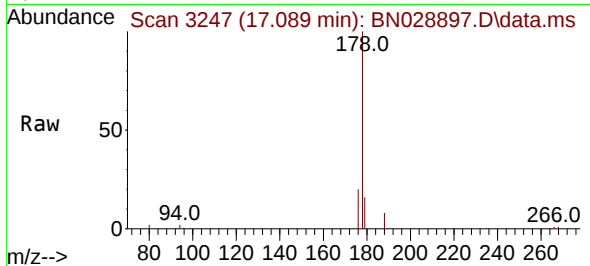
Tgt Ion:166 Resp: 1682
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 24.8 11.0 16.6#





#15
Phenanthrene
Concen: 0.586 ng/ul
RT: 17.089 min Scan# 3247
Delta R.T. -0.014 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

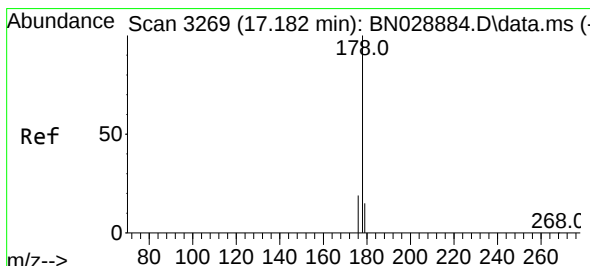
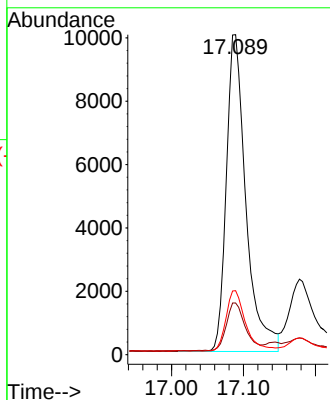
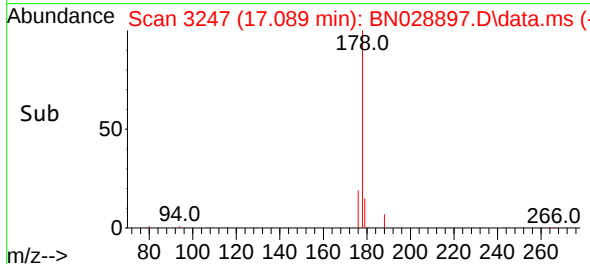
Instrument :
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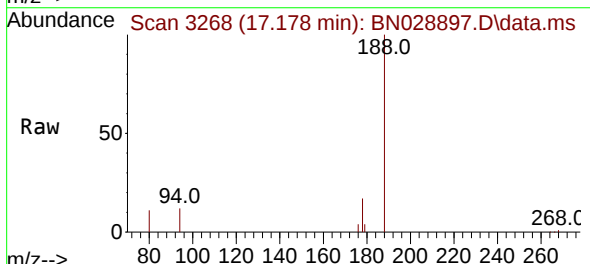
Tgt Ion:178 Resp: 18919
Ion Ratio Lower Upper
178 100
179 16.2 12.4 18.6
176 20.0 15.4 23.2

Manual Integrations
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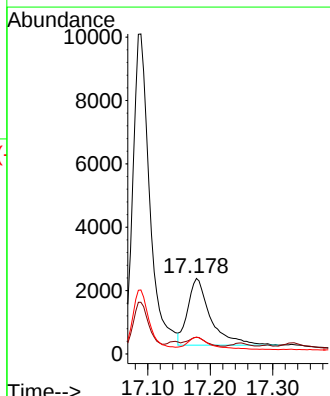
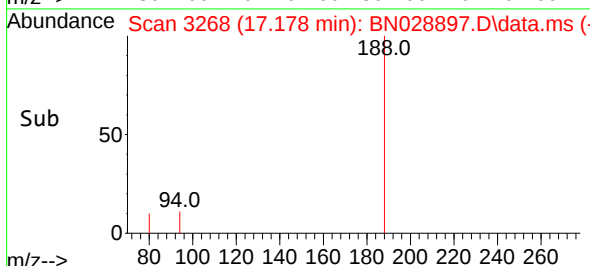
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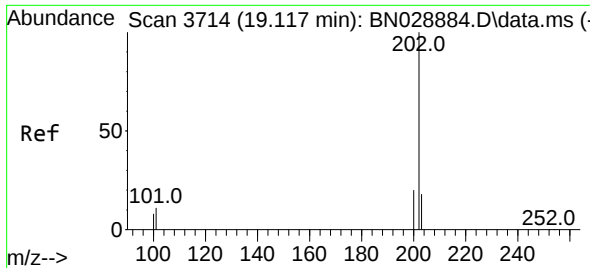


#16
Anthracene
Concen: 0.180 ng/ul
RT: 17.178 min Scan# 3268
Delta R.T. -0.027 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09



Tgt Ion:178 Resp: 5346
Ion Ratio Lower Upper
178 100
179 22.3 12.6 18.8#
176 22.1 14.9 22.3





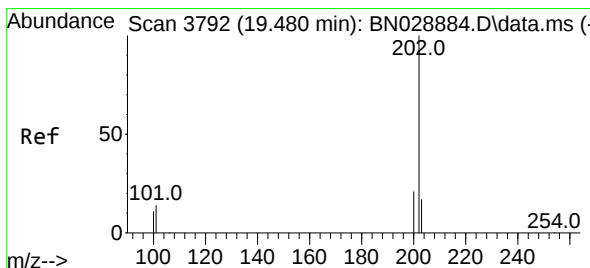
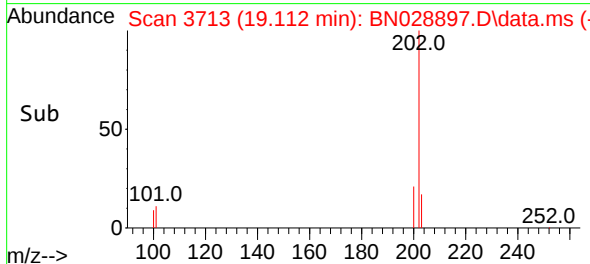
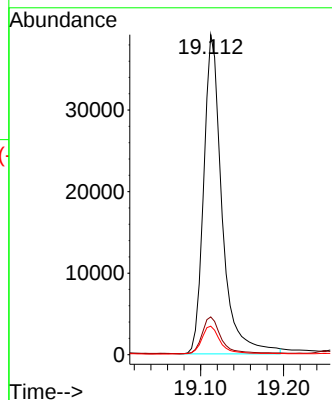
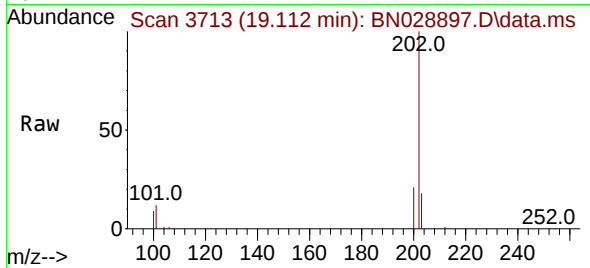
#19
Fluoranthene
Concen: 1.544 ng/u1
RT: 19.112 min Scan# 3713
Delta R.T. -0.011 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Instrument :
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ClientSampleId :
C0AG7

Tgt Ion:202 Resp: 60354
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 8.9 7.2 10.8

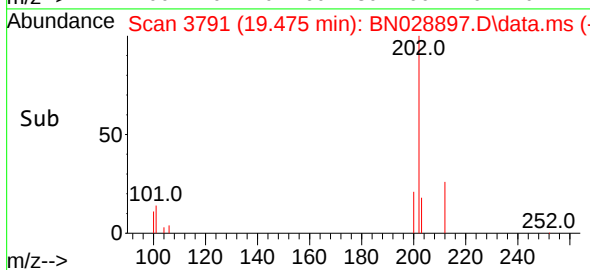
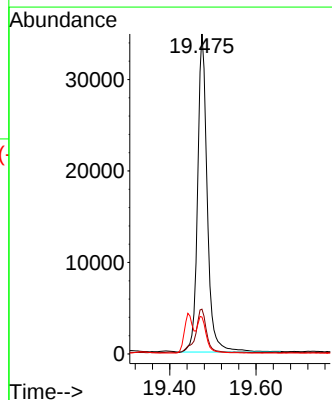
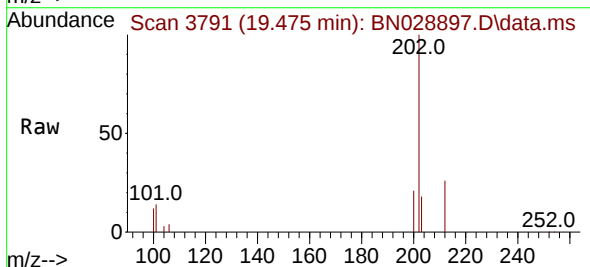
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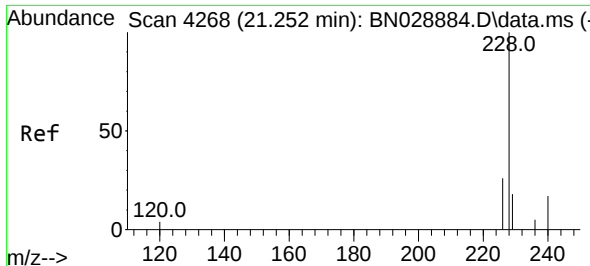
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 1.332 ng/u1
RT: 19.475 min Scan# 3791
Delta R.T. -0.011 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

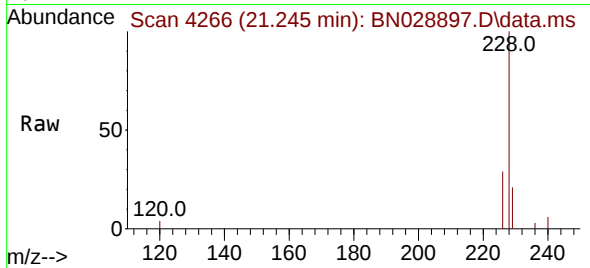
Tgt Ion:202 Resp: 53966
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 11.6 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.711 ng/ul
RT: 21.245 min Scan# 4266
Delta R.T. -0.010 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

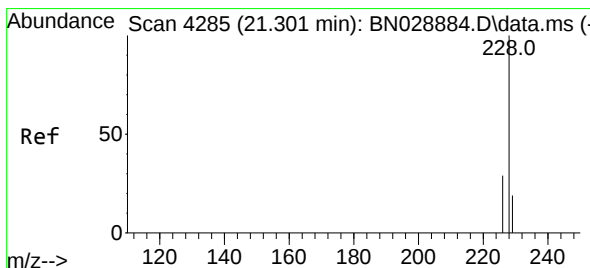
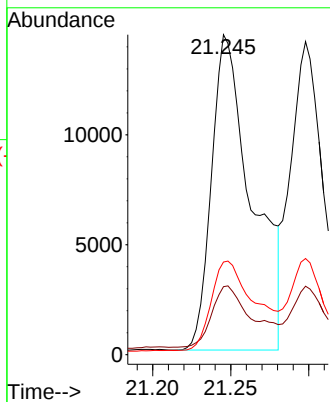
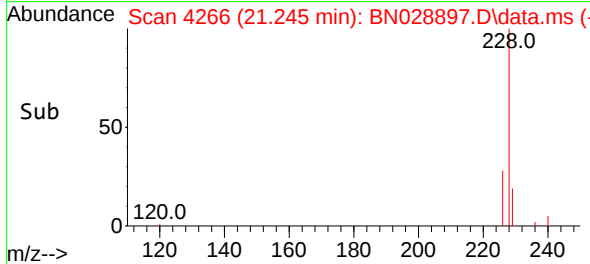
Instrument :
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ClientSampleId :
C0AG7



Tgt Ion:228 Resp: 25839
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 29.0 21.4 32.0

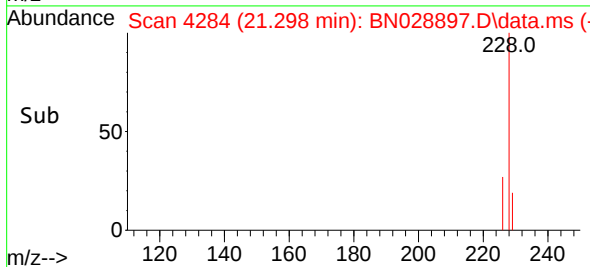
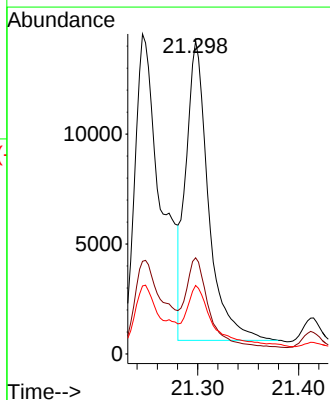
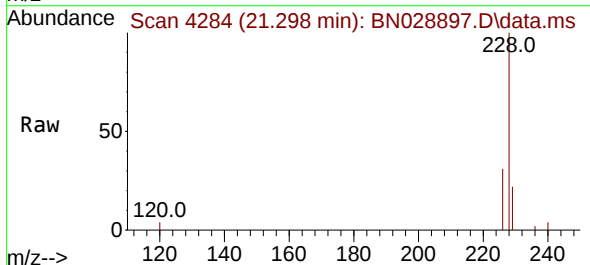
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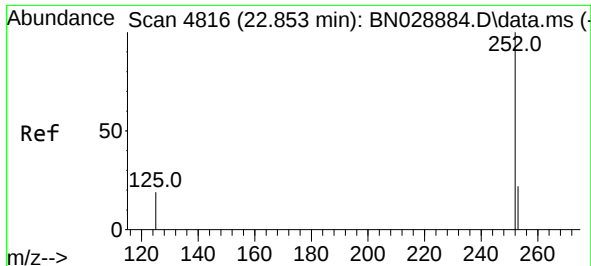
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Chrysene
Concen: 0.595 ng/ul
RT: 21.298 min Scan# 4284
Delta R.T. -0.007 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

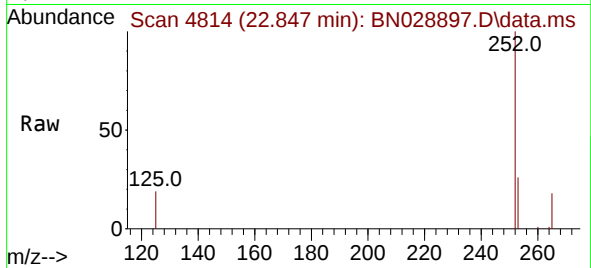
Tgt Ion:228 Resp: 21140
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 21.9 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.973 ng/ul m
RT: 22.847 min Scan# 4814
Delta R.T. -0.007 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

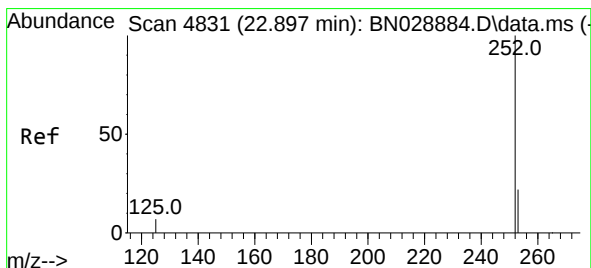
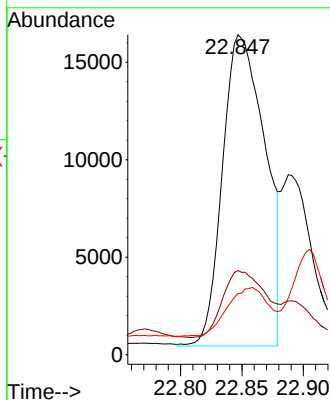
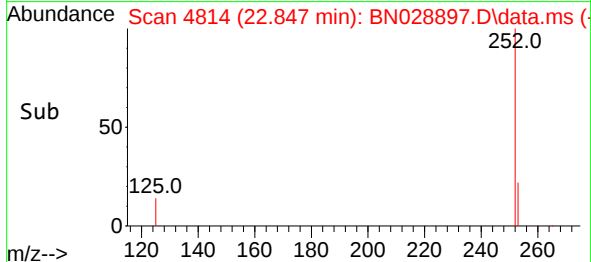
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 3845
Ion Ratio Lower Upper
252 100
253 26.3 0.0 46.6
125 19.1 0.0 27.6

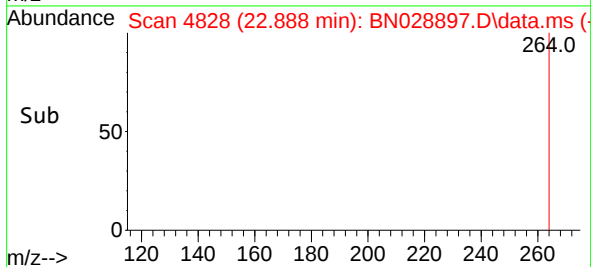
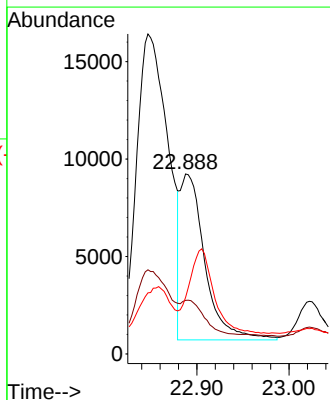
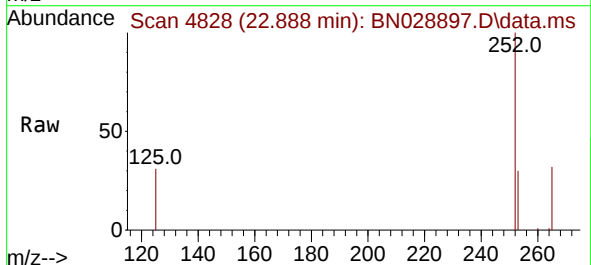
Manual Integrations
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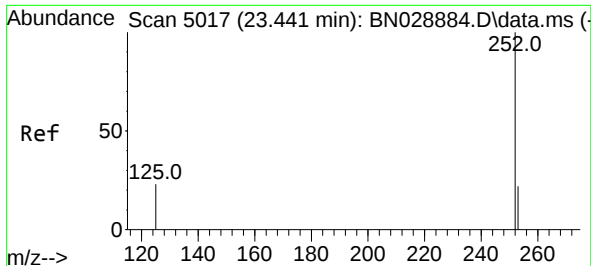
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul m
RT: 22.888 min Scan# 4828
Delta R.T. -0.016 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

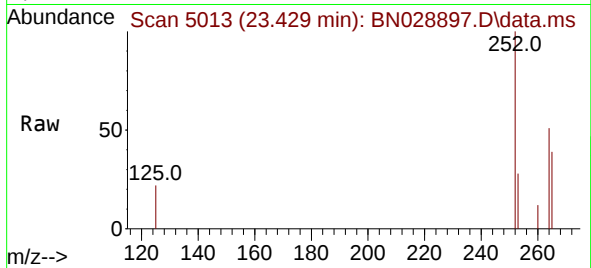
Tgt Ion:252 Resp: 15858
Ion Ratio Lower Upper
252 100
253 29.8 18.6 28.0#
125 31.4 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.618 ng/ul
RT: 23.429 min Scan# 5013
Delta R.T. -0.016 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

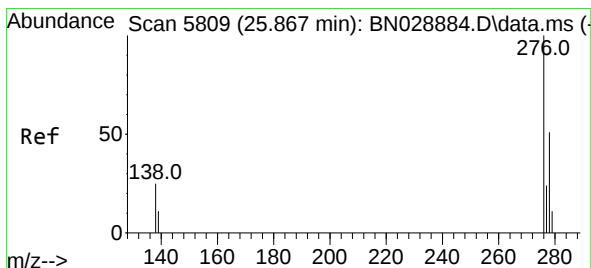
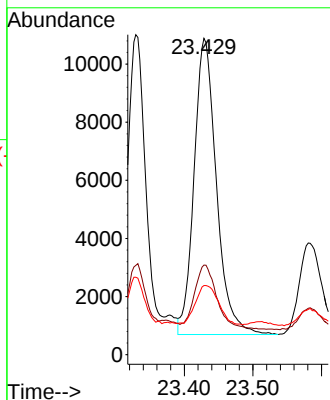
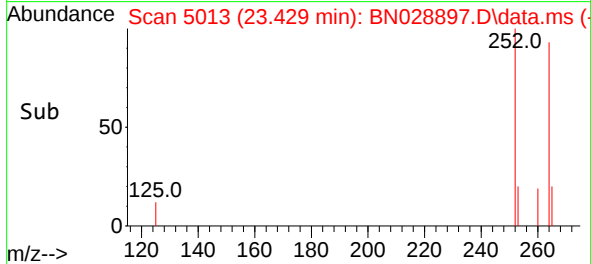
Instrument :
BNA_N
ClientSampleId :
C0AG7



Tgt Ion:252 Resp: 2305
Ion Ratio Lower Upper
252 100
253 28.3 19.0 28.6
125 21.8 13.2 19.8

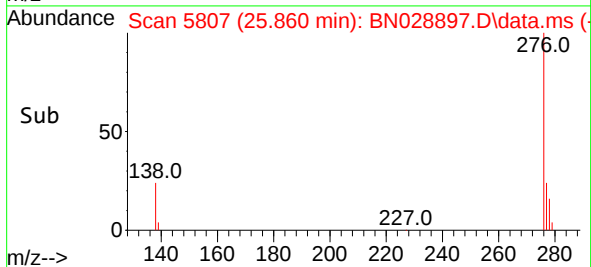
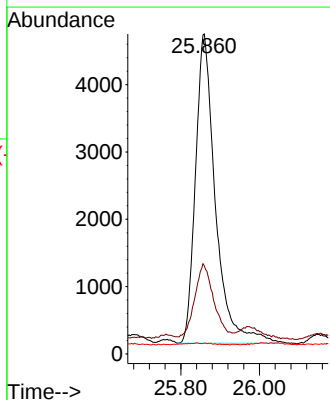
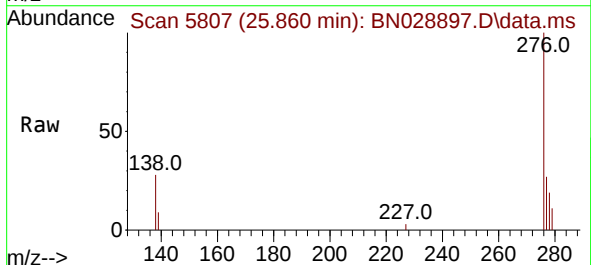
Manual Integrations
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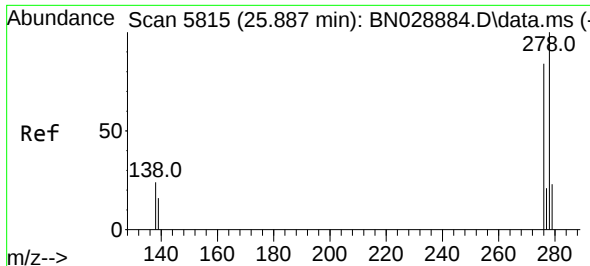
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.860 min Scan# 5807
Delta R.T. -0.015 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

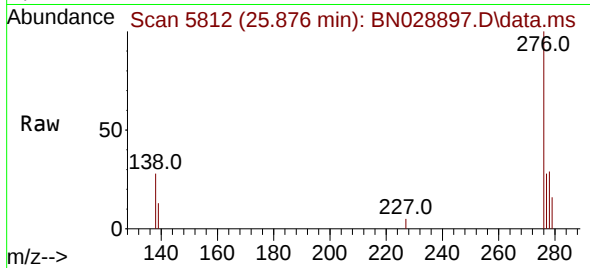
Tgt Ion:276 Resp: 16155
Ion Ratio Lower Upper
276 100
138 23.4 23.8 35.6#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 25.876 min Scan# 5815
Delta R.T. -0.021 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

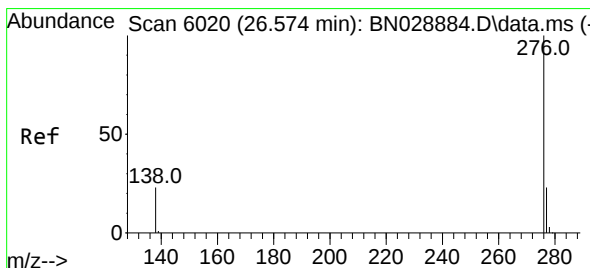
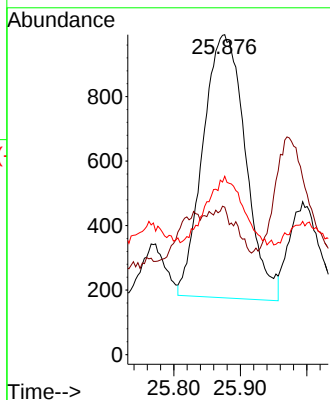
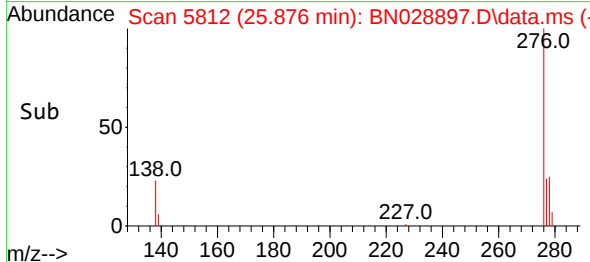
Instrument :
BNA_N
ClientSampleId :
C0AG7



Tgt Ion:278 Resp: 362
Ion Ratio Lower Upper
278 100
139 46.1 18.2 27.4
279 55.7 20.7 31.1

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Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul
RT: 26.567 min Scan# 6018
Delta R.T. -0.011 min
Lab File: BN028897.D
Acq: 28 Nov 2023 02:09

Tgt Ion:276 Resp: 14781
Ion Ratio Lower Upper
276 100
138 28.6 20.5 30.7
277 26.3 19.4 29.0

