

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027947.D
 Acq On : 29 Sep 2023 04:32
 Operator : MA/JU
 Sample : 04417-24DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYF0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 05:23:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	4611	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	16708	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	10527	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	21914	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.559	240	15673	0.400	ng/ul	# 0.02
23) Perylene-d12	24.056	264	16231	0.400	ng/ul	# 0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	5317	0.915	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	1882	0.074	ng/ul	0.01
18) Fluoranthene-d10	19.399	212	3570	0.075	ng/ul	0.02
Target Compounds				Qvalue		
5) Naphthalene	10.839	128	1375	0.029	ng/ul#	73
7) 2-Methylnaphthalene	12.445	142	1676	0.055	ng/ul	98
8) 1-Methylnaphthalene	12.665	142	1087	0.035	ng/ul	96
10) Acenaphthylene	14.342	152	1642	0.036	ng/ul#	25
11) Acenaphthene	14.680	153	877	0.022	ng/ul#	75
15) Phenanthrene	17.413	178	13020	0.189	ng/ul#	63
16) Anthracene	17.506	178	2402	0.042	ng/ul#	1
19) Fluoranthene	19.427	202	35864	0.566	ng/ul#	92
20) Pyrene	19.794	202	78585	1.204	ng/ul	95
21) Benzo(a)anthracene	21.539	228	18179	0.300	ng/ul#	1
22) Chrysene	21.571	228	59044m	0.942	ng/ul	
24) Benzo(b)fluoranthene	23.278	252	46907m	0.648	ng/ul	
25) Benzo(k)fluoranthene	23.325	252	14332m	0.204	ng/ul	
26) Benzo(a)pyrene	23.945	252	30414	0.523	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.690	276	29807	0.400	ng/ul#	74
29) Benzo(g,h,i)perylene	27.518	276	72197	1.140	ng/ul#	31

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

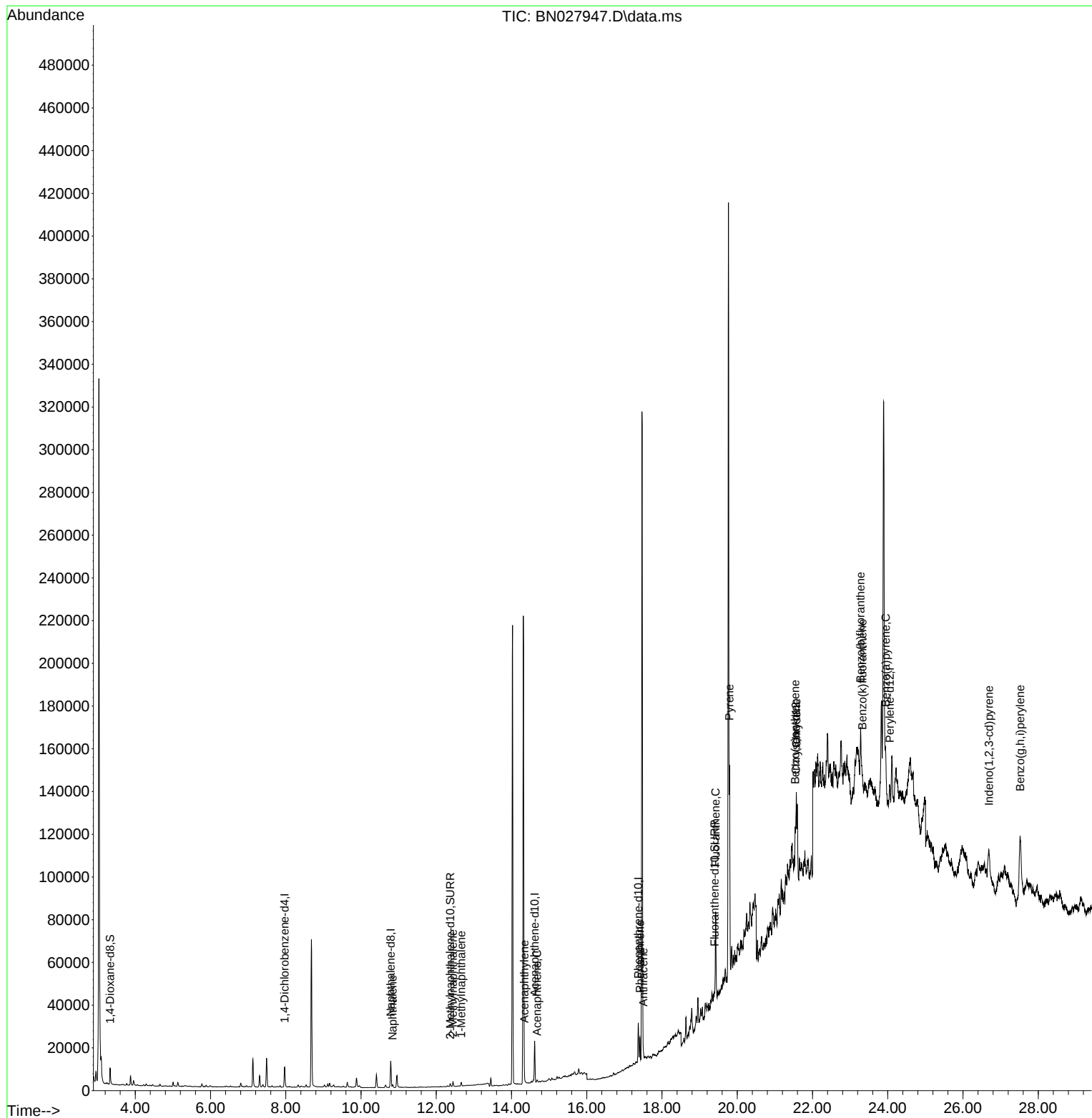
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027947.D
Acq On : 29 Sep 2023 04:32
Operator : MA/JU
Sample : 04417-24DL 5X
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ALS Vial : 33 Sample Multiplier: 1

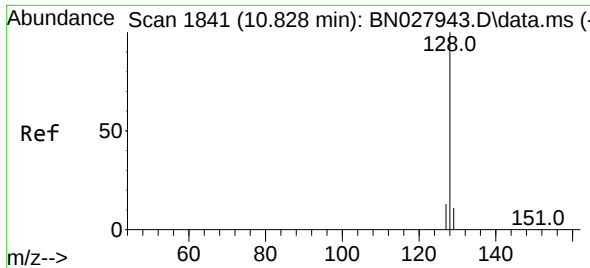
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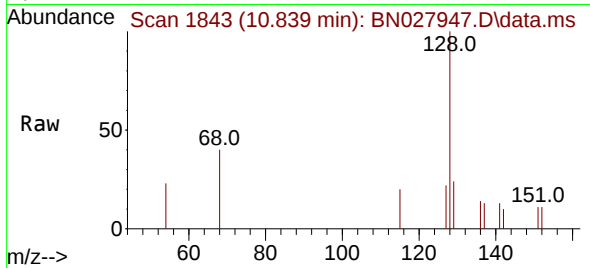
Quant Time: Sep 29 05:23:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.839 min Scan# 1843
Delta R.T. 0.005 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

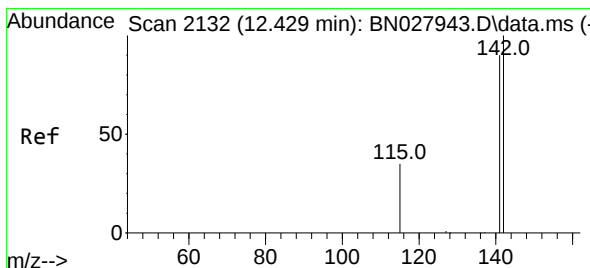
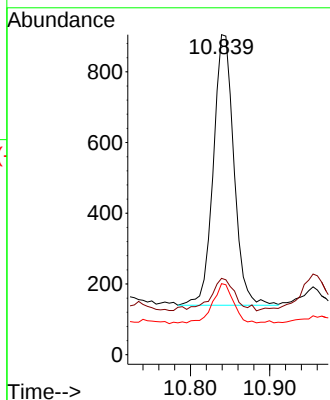
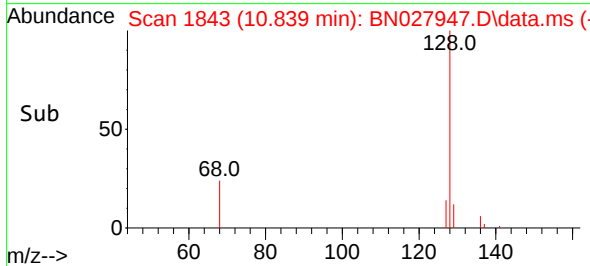
Instrument :
BNA_N
ClientSampleId :
EZYF0DL



Tgt Ion:128 Resp: 1379
Ion Ratio Lower Upper
128 100
129 23.9 9.3 13.9
127 22.2 10.7 16.1

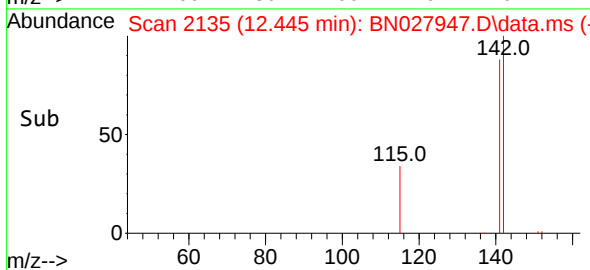
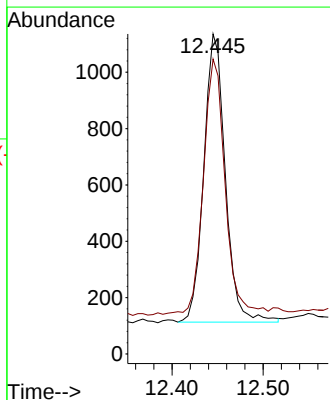
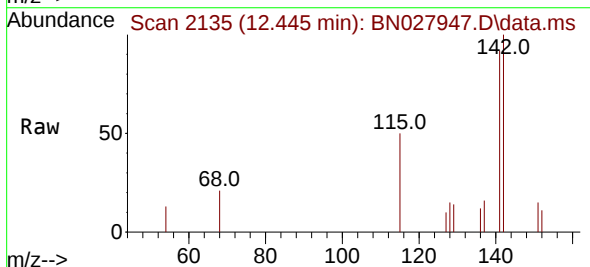
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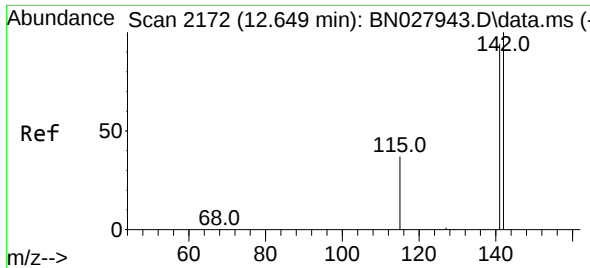
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.445 min Scan# 2135
Delta R.T. 0.011 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

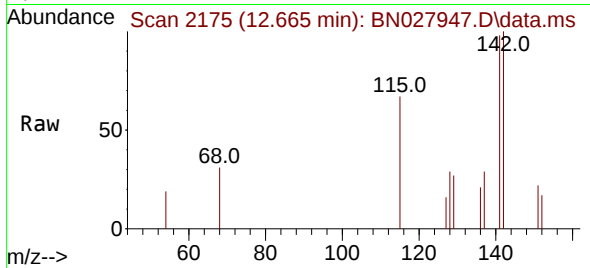
Tgt Ion:142 Resp: 1676
Ion Ratio Lower Upper
142 100
141 90.8 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.665 min Scan# 2175
Delta R.T. 0.011 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

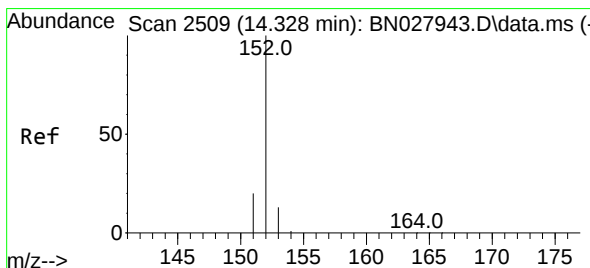
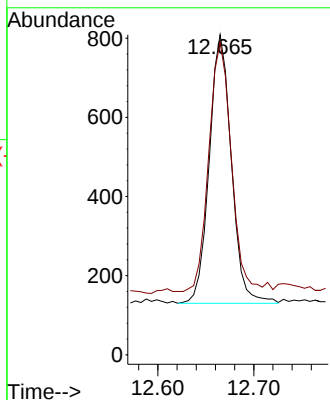
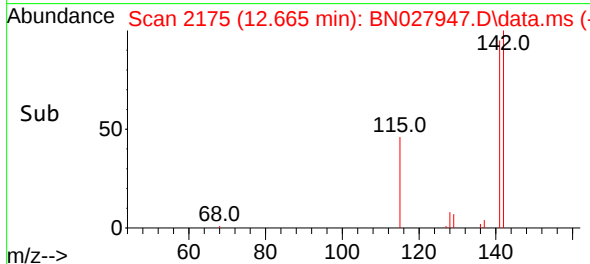
Instrument :
BNA_N
ClientSampleId :
EZYF0DL



Tgt Ion:142 Resp: 108
Ion Ratio Lower Upper
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141 94.6 72.8 109.2

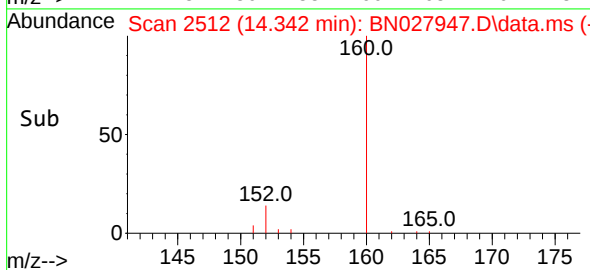
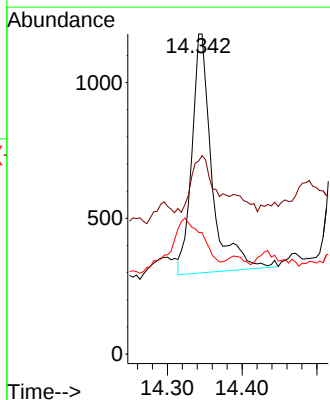
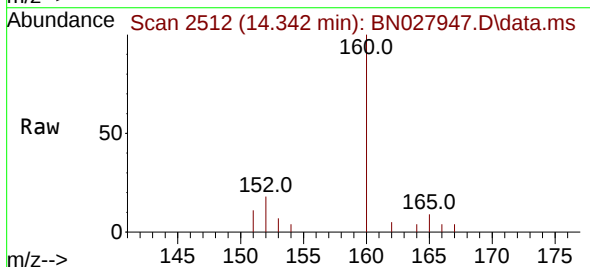
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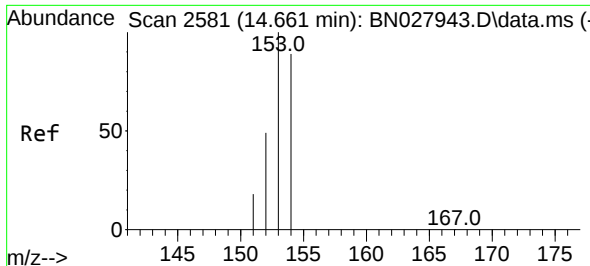
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.342 min Scan# 2512
Delta R.T. 0.009 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

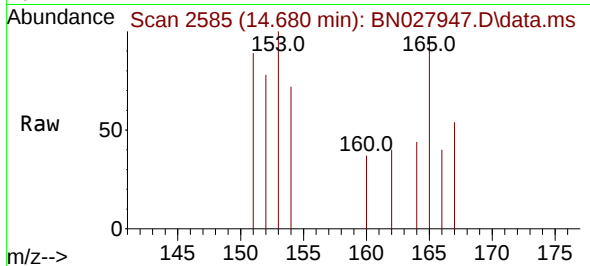
Tgt Ion:152 Resp: 1642
Ion Ratio Lower Upper
152 100
151 60.3 16.6 25.0#
153 38.0 11.0 16.6#





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.680 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

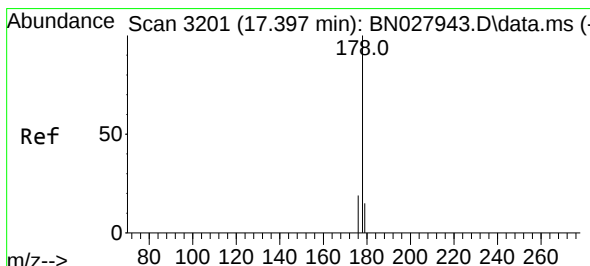
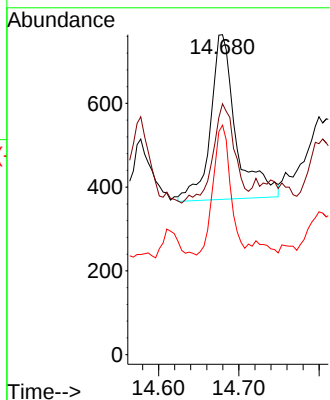
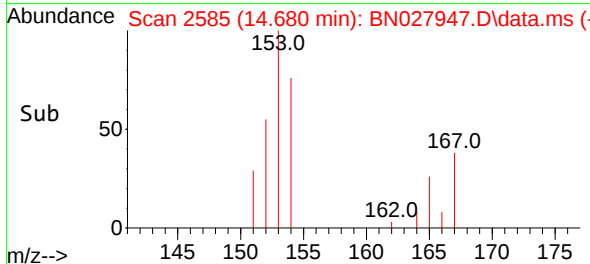
Instrument :
BNA_N
ClientSampleId :
EZYF0DL



Tgt Ion:153 Resp: 87
Ion Ratio Lower Upper
153 100
152 78.4 41.7 62.5
154 71.7 70.3 105.5

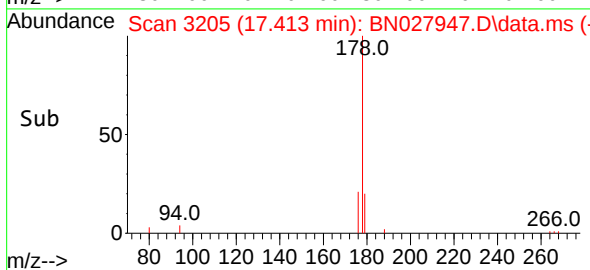
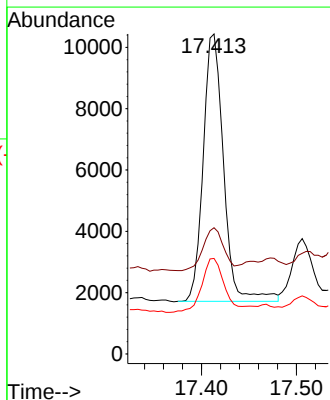
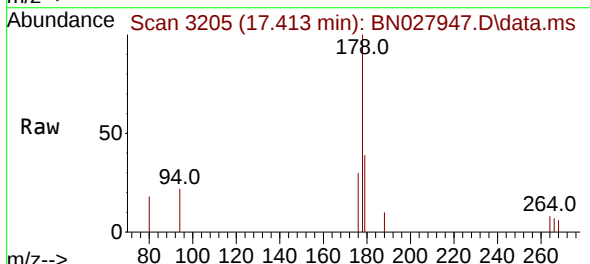
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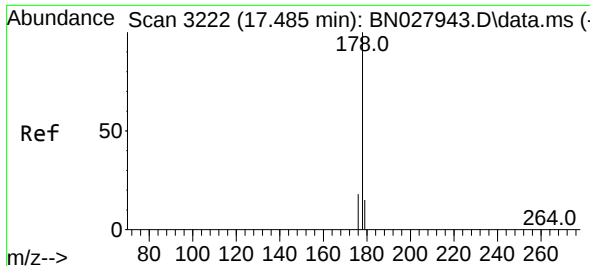
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#15
Phenanthrene
Concen: 0.189 ng/ul
RT: 17.413 min Scan# 3205
Delta R.T. 0.017 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

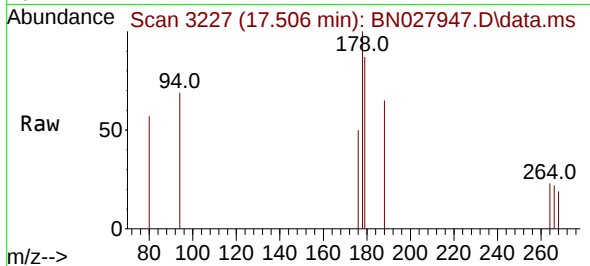
Tgt Ion:178 Resp: 13020
Ion Ratio Lower Upper
178 100
179 39.4 12.4 18.6#
176 29.9 16.0 24.0#





#16
 Anthracene
 Concen: 0.042 ng/ul
 RT: 17.506 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BN027947.D
 Acq: 29 Sep 2023 04:32

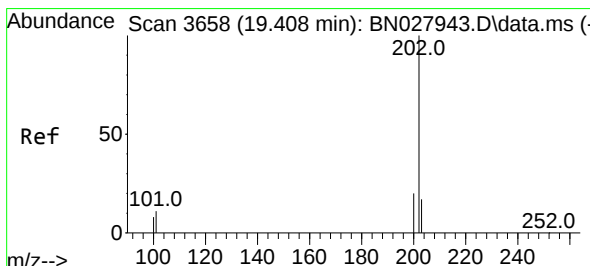
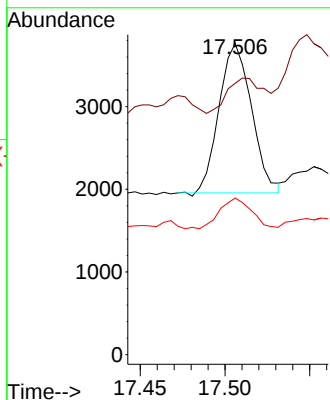
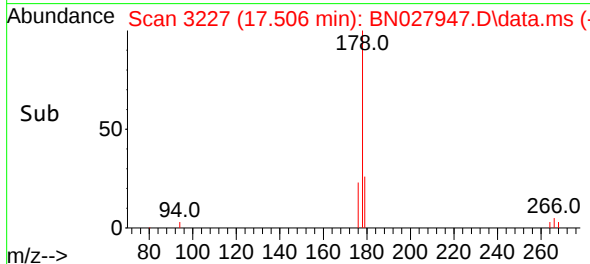
Instrument :
 BNA_N
 ClientSampleId :
 EZYF0DL



Tgt Ion:178 Resp: 240
 Ion Ratio Lower Upper
 178 100
 179 87.2 12.6 19.0#
 176 50.3 15.5 23.3#

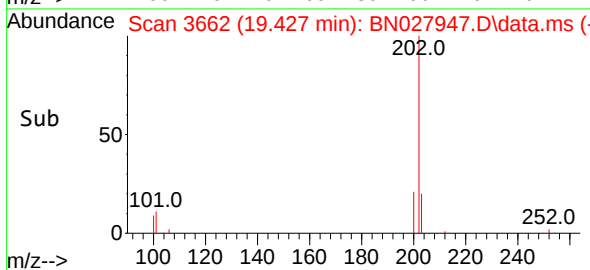
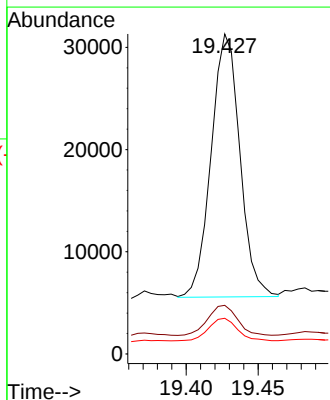
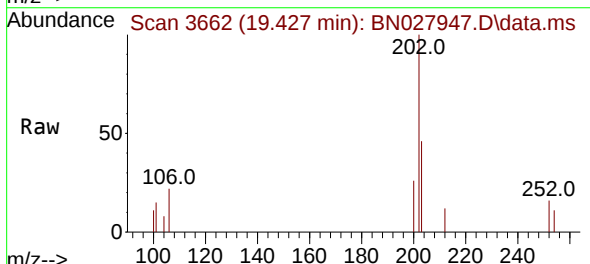
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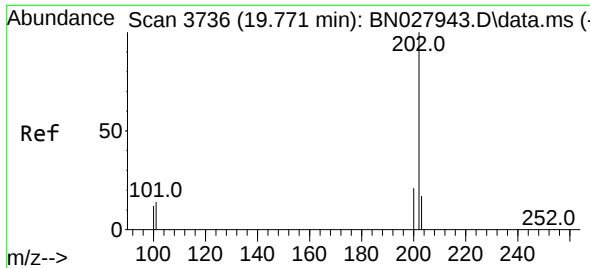
Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023



#19
 Fluoranthene
 Concen: 0.566 ng/ul
 RT: 19.427 min Scan# 3662
 Delta R.T. 0.018 min
 Lab File: BN027947.D
 Acq: 29 Sep 2023 04:32

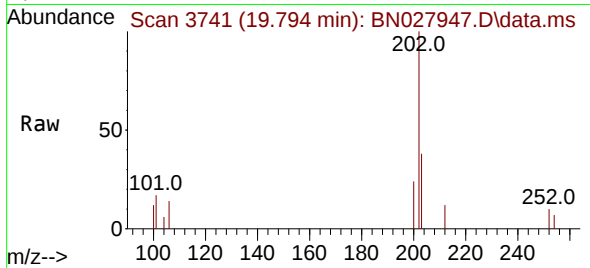
Tgt Ion:202 Resp: 35864
 Ion Ratio Lower Upper
 202 100
 101 15.2 9.3 13.9#
 100 11.2 7.0 10.4#





#20
Pyrene
Concen: 1.204 ng/u1
RT: 19.794 min Scan# 31
Delta R.T. 0.018 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

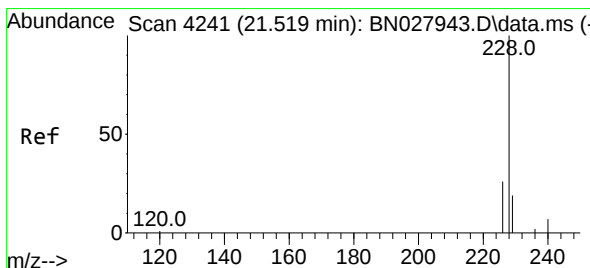
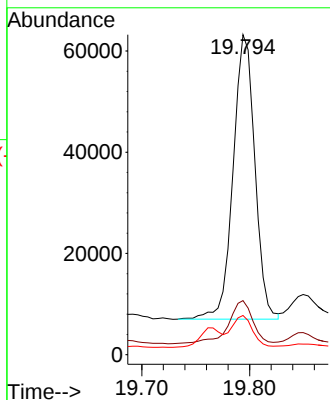
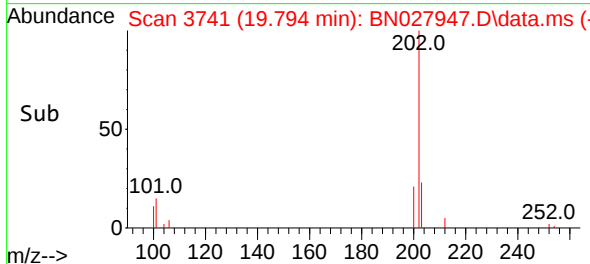
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ClientSampleId :
EZYF0DL



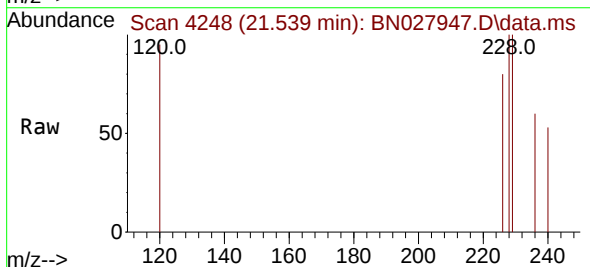
Tgt Ion:202 Resp: 7858
Ion Ratio Lower Upper
202 100
101 16.9 11.4 17.0
100 12.3 9.1 13.7

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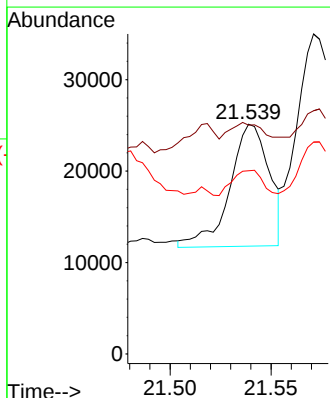
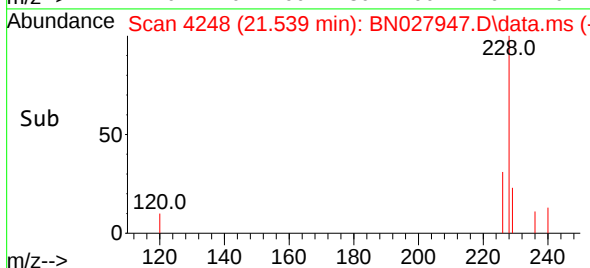
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

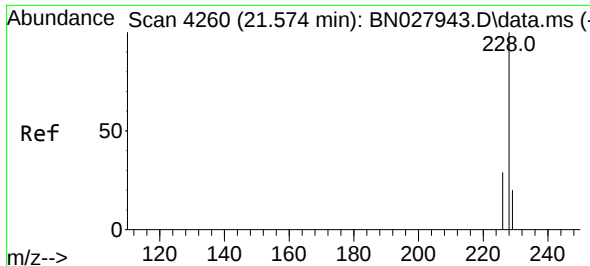


#21
Benzo(a)anthracene
Concen: 0.300 ng/u1
RT: 21.539 min Scan# 4248
Delta R.T. 0.020 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32



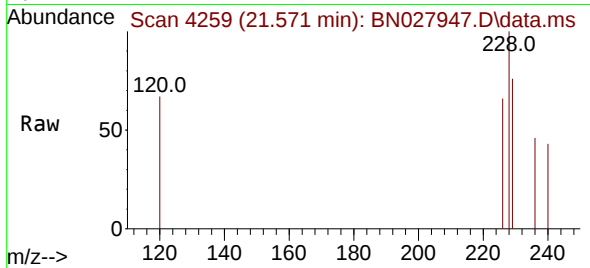
Tgt Ion:228 Resp: 18179
Ion Ratio Lower Upper
228 100
229 99.6 15.8 23.8#
226 79.7 22.0 33.0#





#22
Chrysene
Concen: 0.942 ng/ul m
RT: 21.571 min Scan# 4259
Delta R.T. -0.003 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

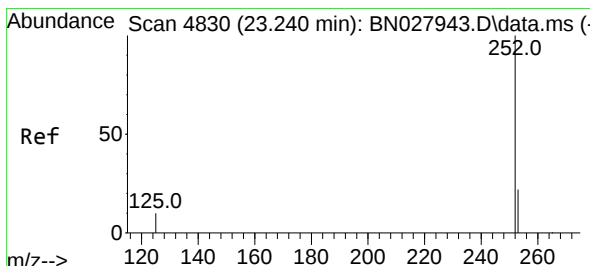
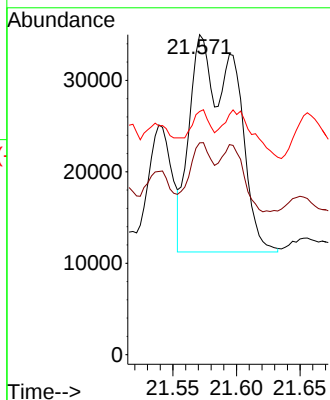
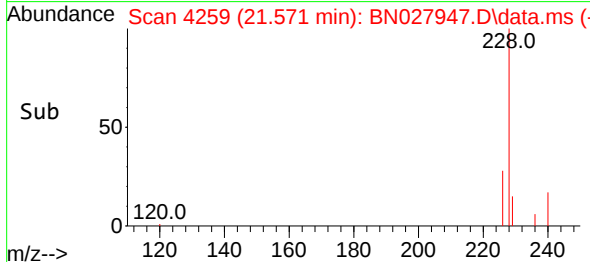
Instrument :
BNA_N
ClientSampleId :
EZYF0DL



Tgt Ion:228 Resp: 59044
Ion Ratio Lower Upper
228 100
226 66.2 24.5 36.7#
229 76.0 16.0 24.0#

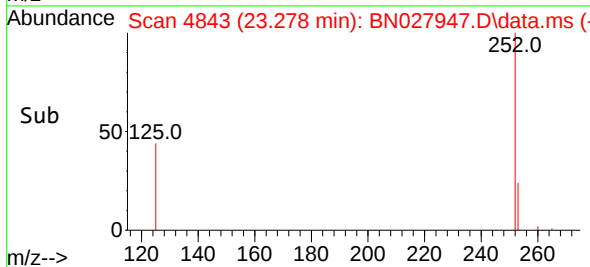
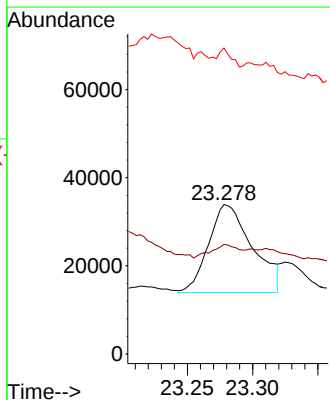
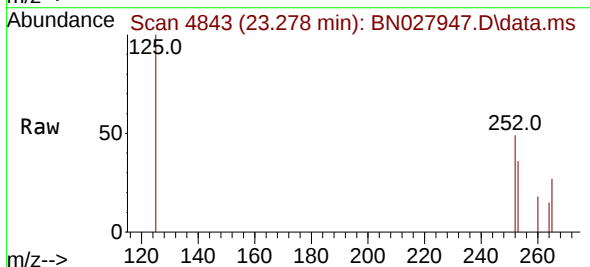
Manual Integrations
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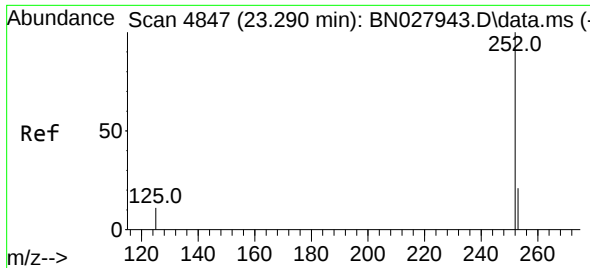
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#24
Benzo(b)fluoranthene
Concen: 0.648 ng/ul m
RT: 23.278 min Scan# 4843
Delta R.T. 0.038 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

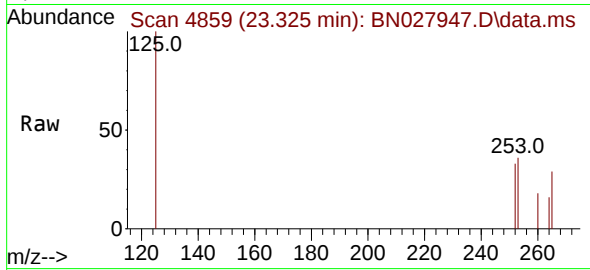
Tgt Ion:252 Resp: 46907
Ion Ratio Lower Upper
252 100
253 73.3 0.0 50.2#
125 204.7 0.0 31.4#





#25
Benzo(k)fluoranthene
Concen: 0.204 ng/ul m
RT: 23.325 min Scan# 4847
Delta R.T. 0.032 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

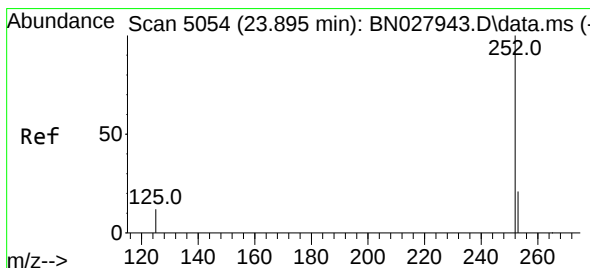
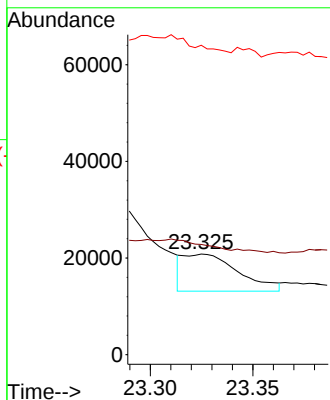
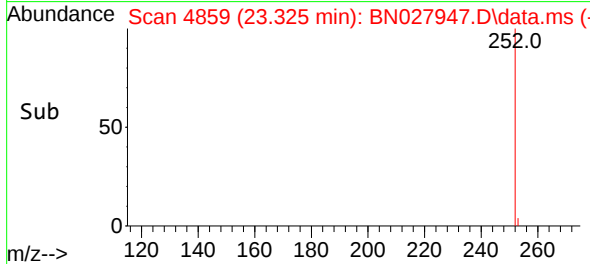
Instrument :
BNA_N
ClientSampleId :
EZYF0DL



Tgt Ion:252 Resp: 14332
Ion Ratio Lower Upper
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253 109.4 19.9 29.9#
125 307.3 12.6 19.0#

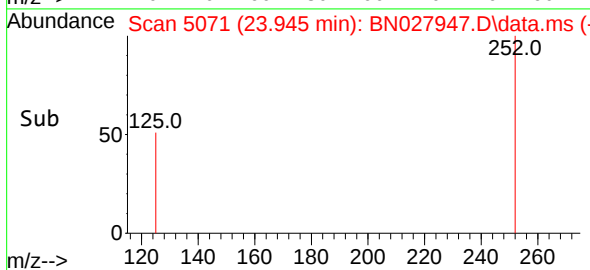
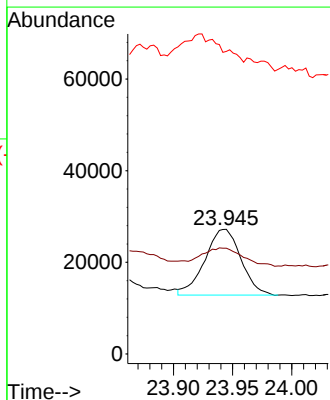
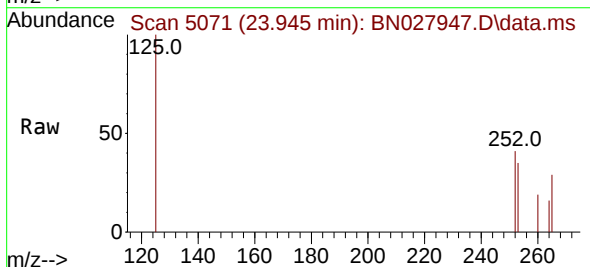
Manual Integrations
APPROVED

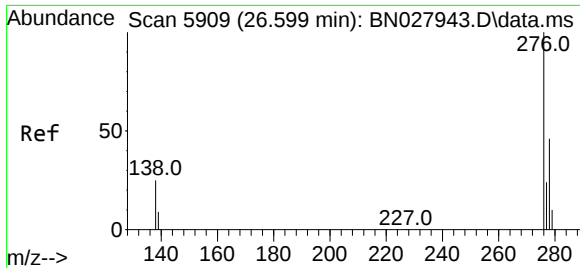
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#26
Benzo(a)pyrene
Concen: 0.523 ng/ul
RT: 23.945 min Scan# 5071
Delta R.T. 0.050 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

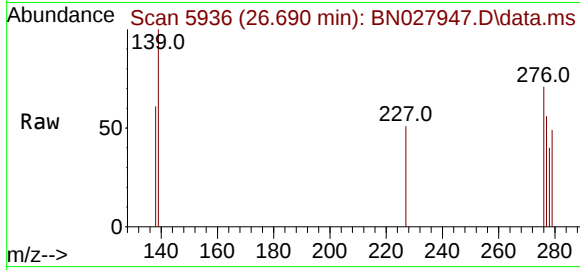
Tgt Ion:252 Resp: 30414
Ion Ratio Lower Upper
252 100
253 84.8 21.9 32.9#
125 242.7 15.5 23.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 26.690 min Scan# 5909
Delta R.T. 0.090 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32

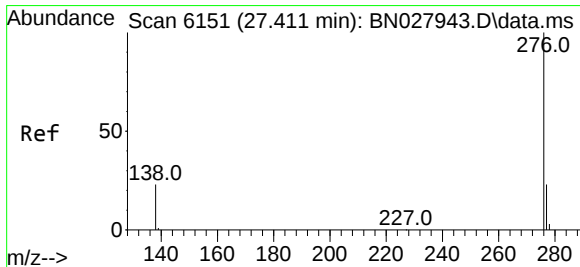
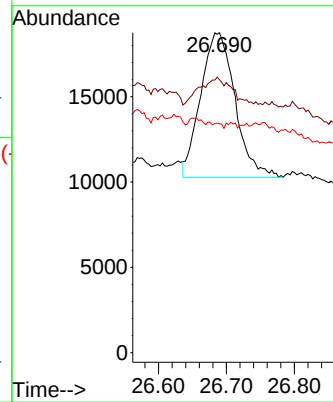
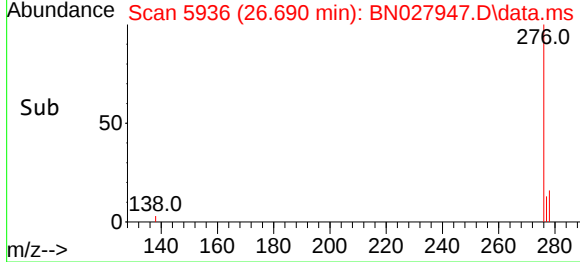
Instrument :
BNA_N
ClientSampleId :
EZYF0DL



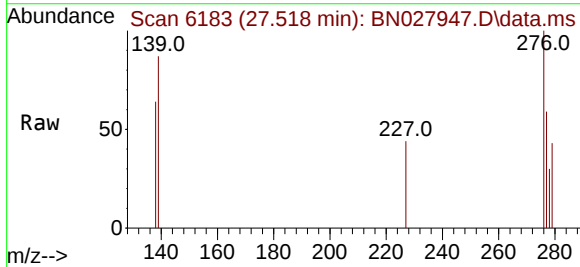
Tgt Ion:276 Resp: 2980
Ion Ratio Lower Upper
276 100
138 44.5 24.3 36.5#
227 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#29
Benzo(g,h,i)perylene
Concen: 1.140 ng/ul
RT: 27.518 min Scan# 6183
Delta R.T. 0.107 min
Lab File: BN027947.D
Acq: 29 Sep 2023 04:32



Tgt Ion:276 Resp: 72197
Ion Ratio Lower Upper
276 100
138 64.1 21.7 32.5#
277 58.8 20.2 30.2#

