

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028432.D
 Acq On : 02 Nov 2023 21:34
 Operator : MA/JU
 Sample : 05196-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PE-6-NORTHSIDE-BASE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 01:50:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	12233	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	37113	0.400	ng	0.00
13) Acenaphthene-d10	14.364	164	20960	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	44238	0.400	ng	#-0.01
29) Chrysene-d12	21.319	240	36346	0.400	ng	# 0.00
35) Perylene-d12	23.634	264	36744	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	14474	0.453	ng	0.00
5) Phenol-d6	6.894	99	18490	0.457	ng	0.00
8) Nitrobenzene-d5	8.875	82	9830	0.410	ng	0.00
11) 2-Methylnaphthalene-d10	12.110	152	22508	0.424	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2043	0.250	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	5922	0.238	ng	0.00
27) Fluoranthene-d10	19.152	212	46317	0.424	ng	0.00
31) Terphenyl-d14	19.766	244	30314	0.396	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.562	128	3171	0.032	ng	# 90
16) Acenaphthylene	14.086	152	5019	0.048	ng	98
17) Acenaphthene	14.428	154	4619	0.070	ng	94
18) Fluorene	15.411	166	3800	0.043	ng	98
25) Phenanthrene	17.158	178	70407	0.539	ng	99
26) Anthracene	17.245	178	15861	0.127	ng	97
28) Fluoranthene	19.185	202	157711	1.034	ng	100
30) Pyrene	19.547	202	148527	0.980	ng	# 95
32) Benzo(a)anthracene	21.301	228	86977	0.603	ng	97
33) Chrysene	21.355	228	79467	0.553	ng	98
34) Bis(2-ethylhexyl)phtha...	21.266	149	38604	0.518	ng	100
36) Indeno(1,2,3-cd)pyrene	26.002	276	43626	0.348	ng	94
37) Benzo(b)fluoranthene	22.935	252	103035	0.787	ng	98
38) Benzo(k)fluoranthene	22.979	252	42150m	0.293	ng	
39) Benzo(a)pyrene	23.529	252	73905	0.591	ng	97
40) Dibenzo(a,h)anthracene	26.020	278	11283	0.096	ng	# 81
41) Benzo(g,h,i)perylene	26.727	276	43812	0.348	ng	99

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

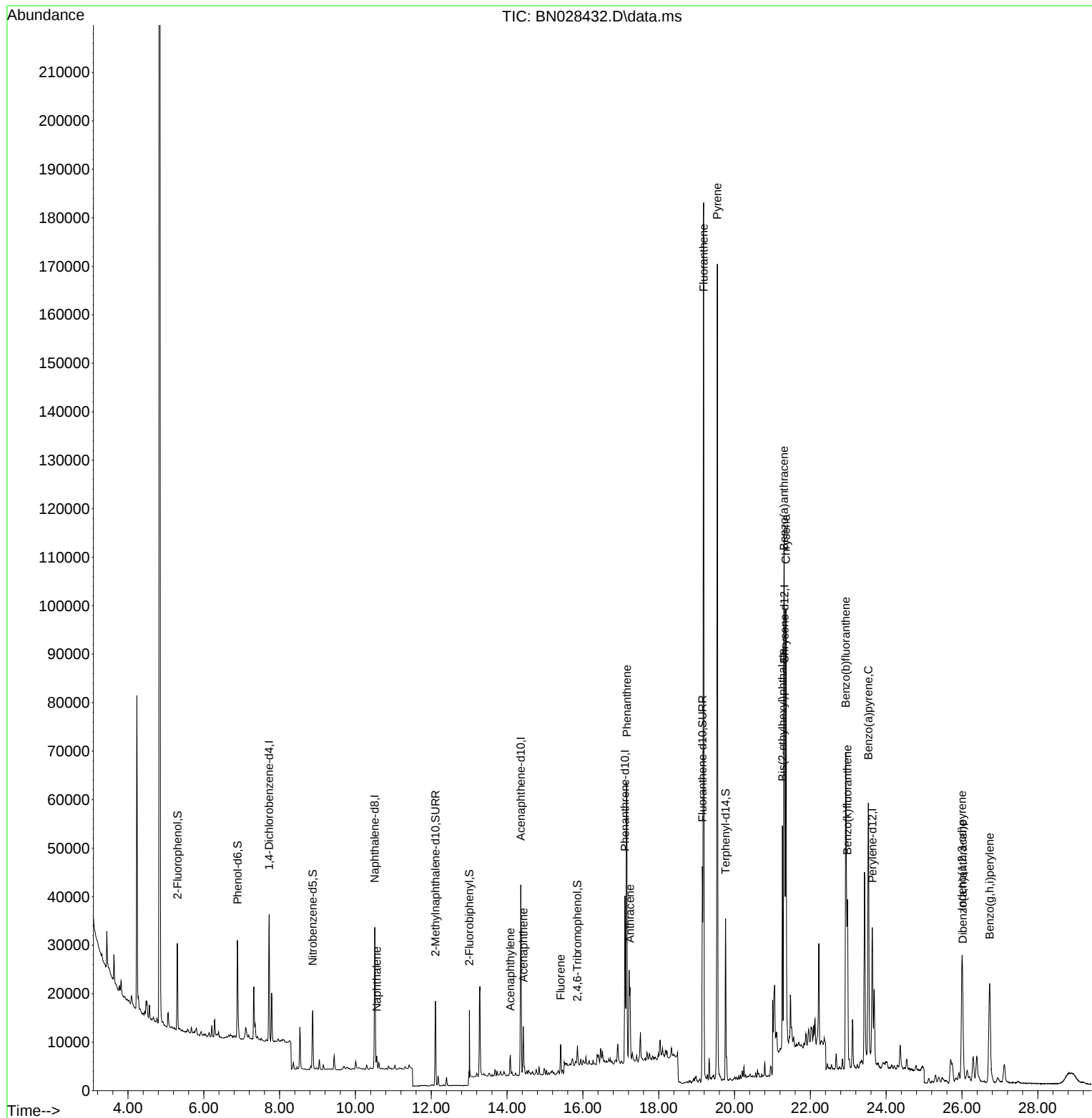
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028432.D
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ALS Vial : 17 Sample Multiplier: 1

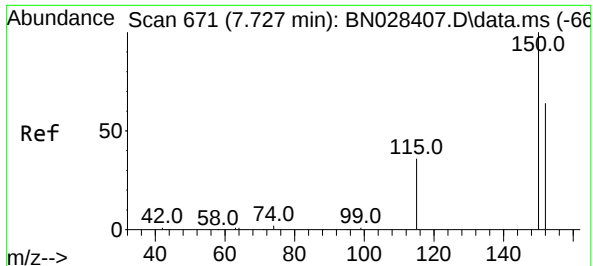
Instrument :
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Quant Time: Nov 03 01:50:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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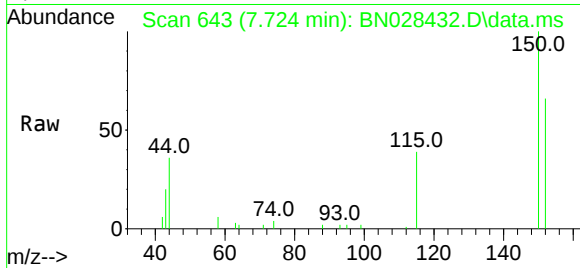
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. -0.003 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

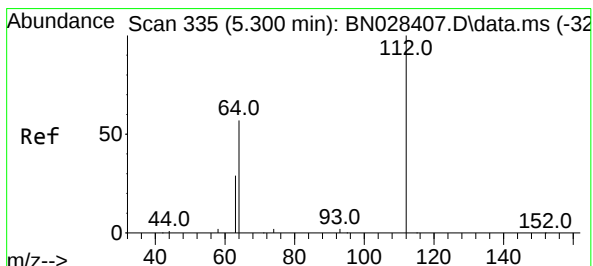
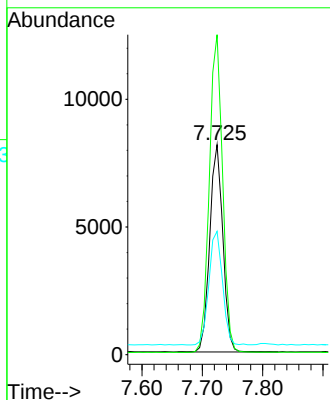
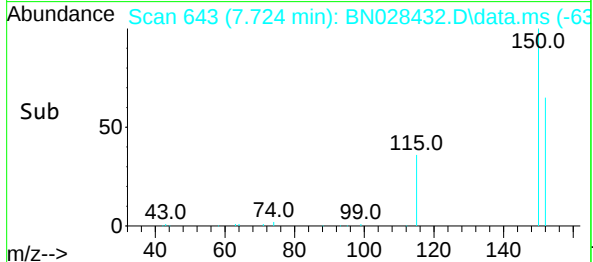
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE



Tgt Ion:152 Resp: 1223
Ion Ratio Lower Upper
152 100
150 152.4 123.8 185.6
115 58.7 47.0 70.6

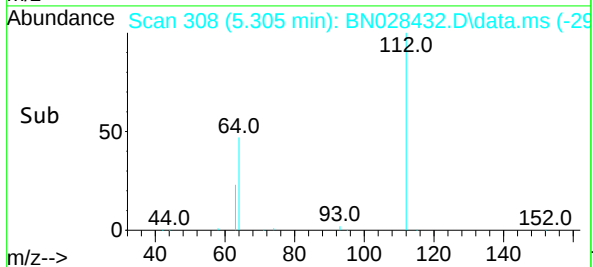
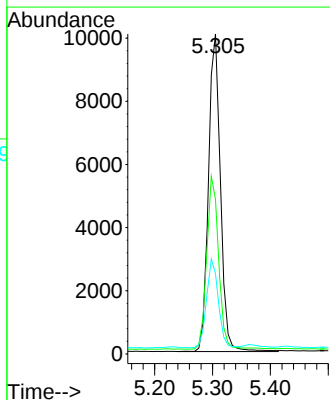
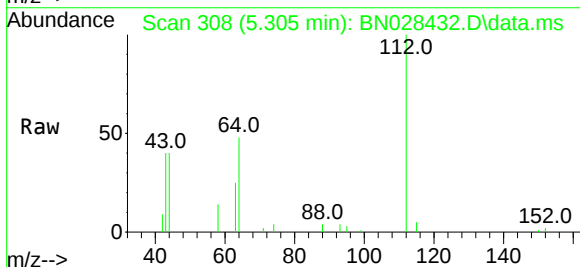
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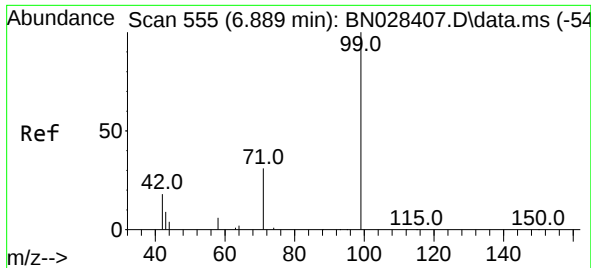
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#4
2-Fluorophenol
Concen: 0.453 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.005 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

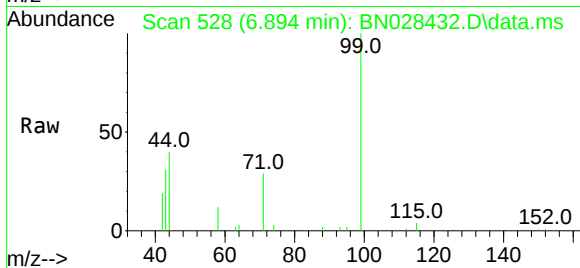
Tgt Ion:112 Resp: 14474
Ion Ratio Lower Upper
112 100
64 54.4 44.3 66.5
63 27.5 22.6 33.8





#5
Phenol-d6
Concen: 0.457 ng
RT: 6.894 min Scan# 51
Delta R.T. 0.005 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

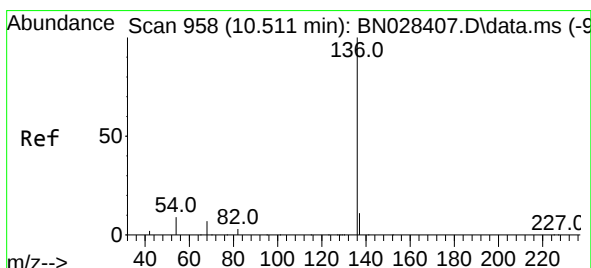
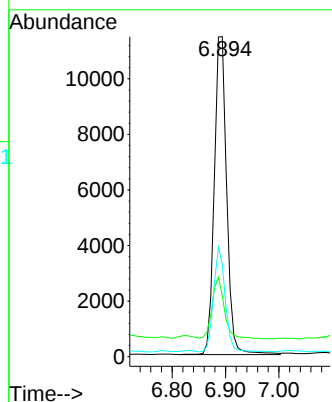
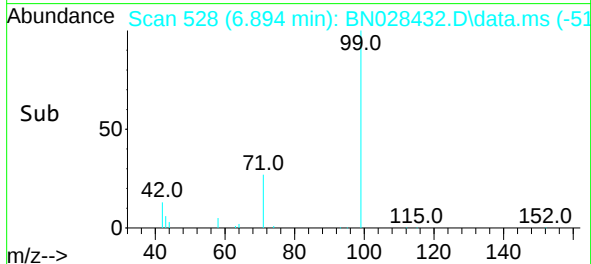
Instrument :
BNA_N
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PE-6-NORTHSIDE-BASE



Tgt Ion: 99 Resp: 18490
Ion Ratio Lower Upper
99 100
42 19.2 15.4 23.0
71 30.8 24.4 36.6

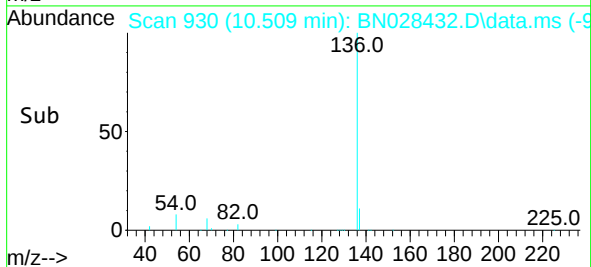
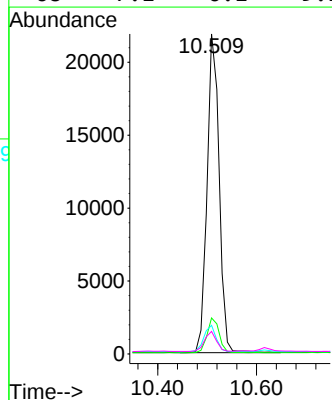
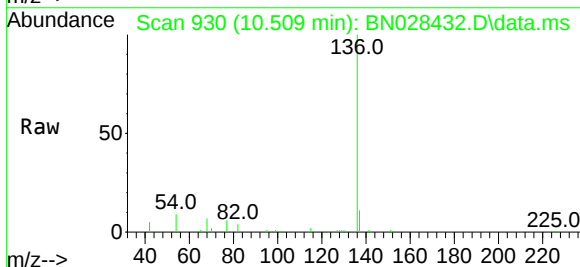
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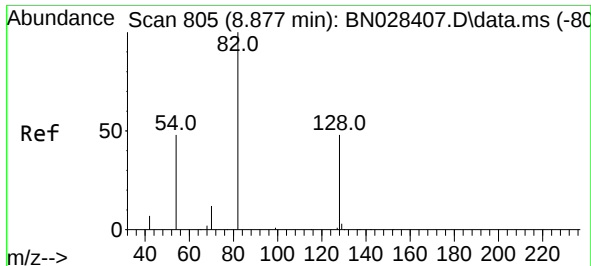
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.002 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion:136 Resp: 37113
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.9 7.9 11.9
68 7.1 6.1 9.1





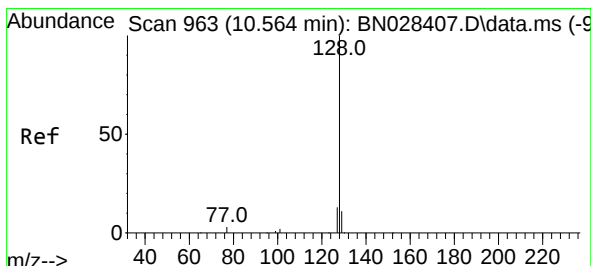
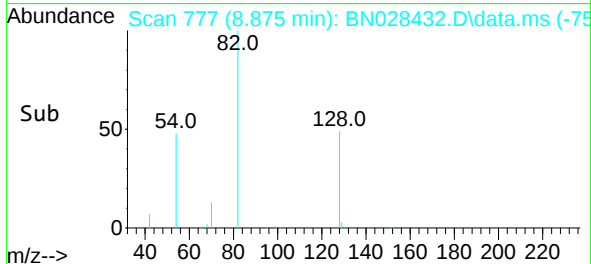
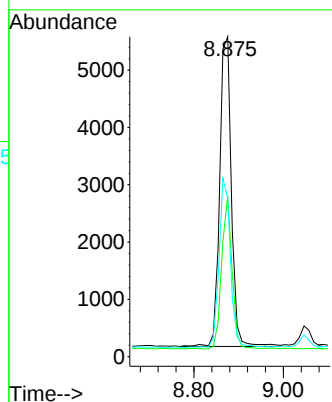
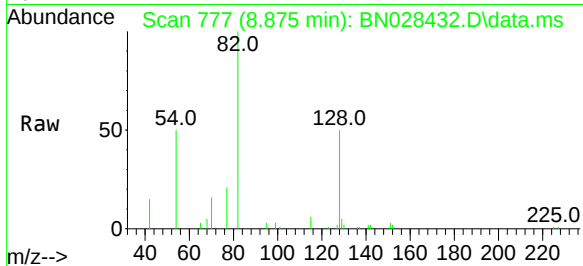
#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 8.875 min Scan# 71
Delta R.T. -0.002 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE

Tgt Ion: 82 Resp: 9830
Ion Ratio Lower Upper
82 100
128 50.3 38.8 58.2
54 49.5 40.3 60.5

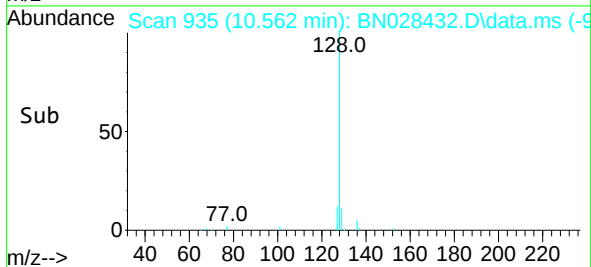
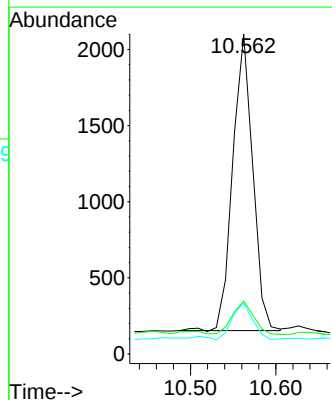
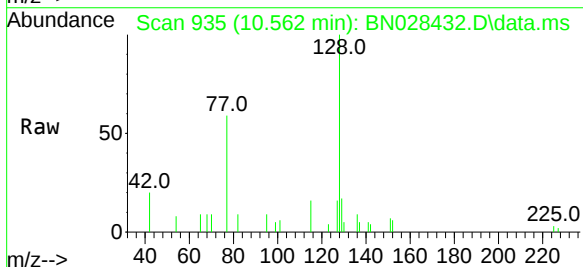
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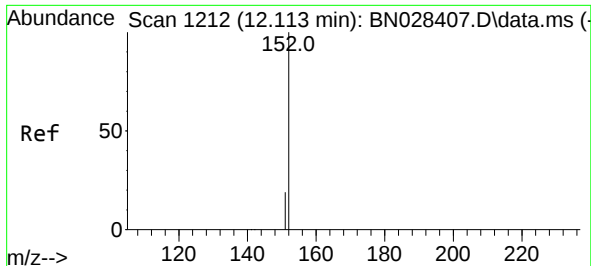
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#9
Naphthalene
Concen: 0.032 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.002 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

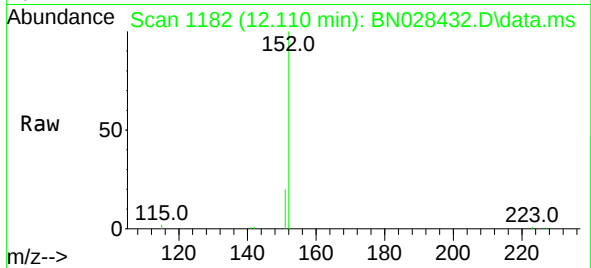
Tgt Ion:128 Resp: 3171
Ion Ratio Lower Upper
128 100
129 16.5 8.9 13.3#
127 15.8 10.4 15.6#





#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.110 min Scan# 11
Delta R.T. -0.003 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

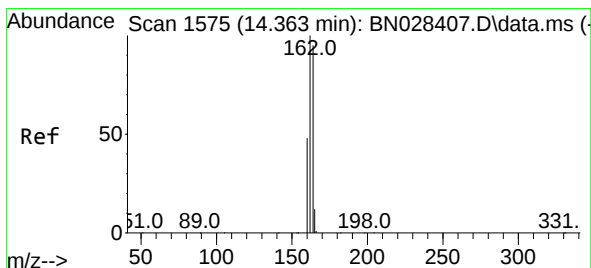
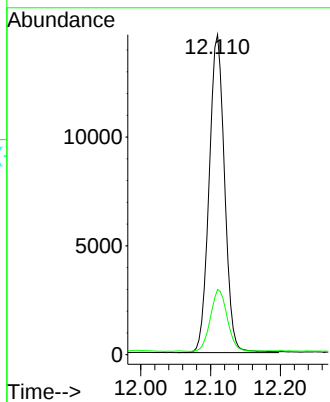
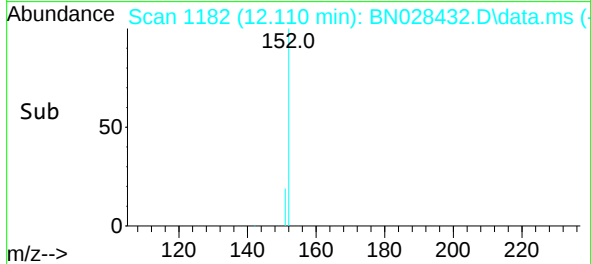
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE



Tgt Ion:152 Resp: 22508
Ion Ratio Lower Upper
152 100
151 21.2 16.4 24.6

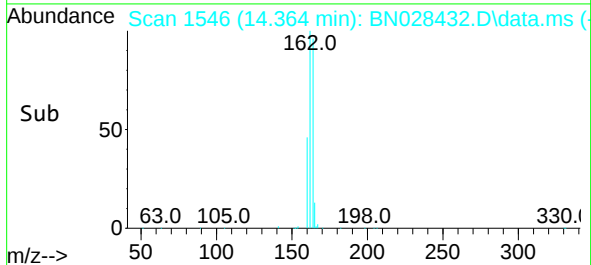
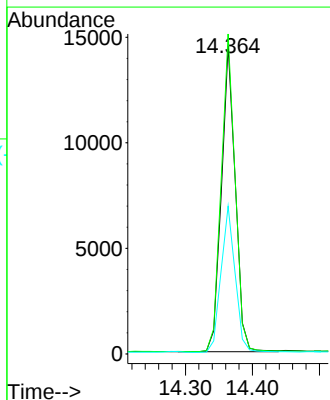
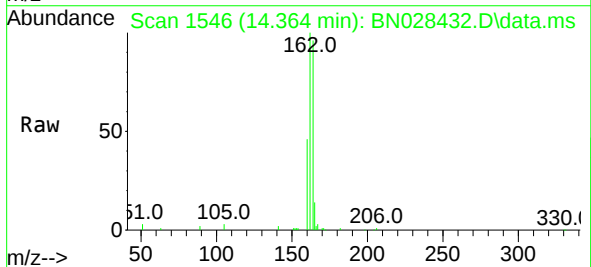
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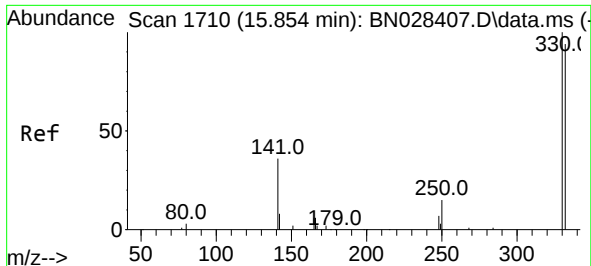
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.364 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

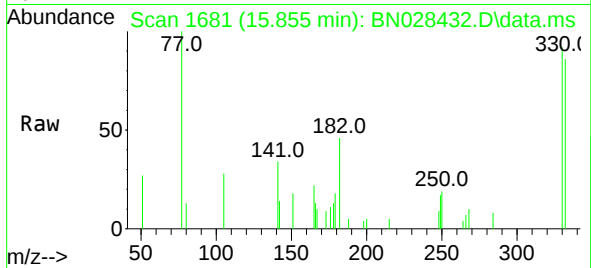
Tgt Ion:164 Resp: 20960
Ion Ratio Lower Upper
164 100
162 103.9 84.6 127.0
160 48.0 41.3 61.9





#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.855 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

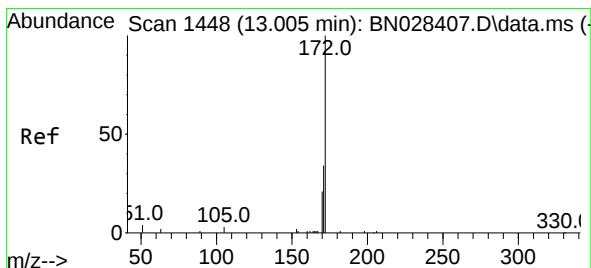
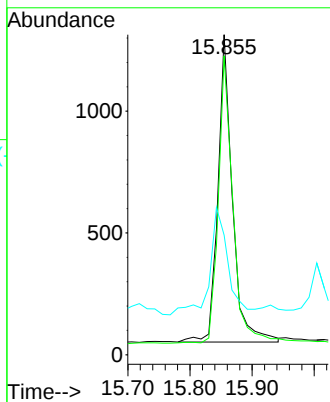
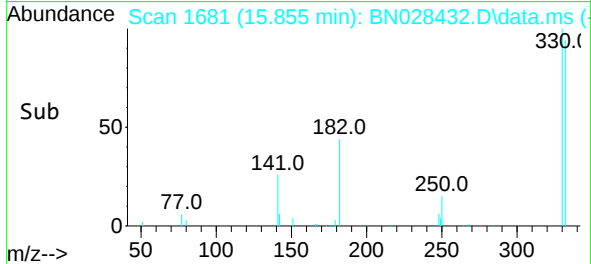
Instrument :
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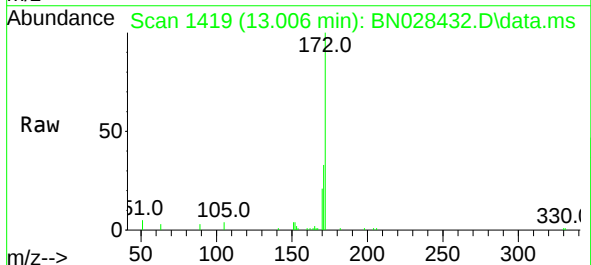
Tgt Ion: 330 Resp: 204
Ion Ratio Lower Upper
330 100
332 93.1 76.2 114.2
141 35.0 32.8 49.2

Manual Integrations
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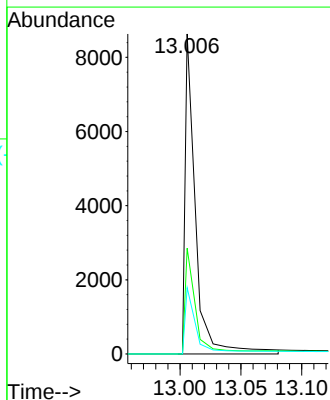
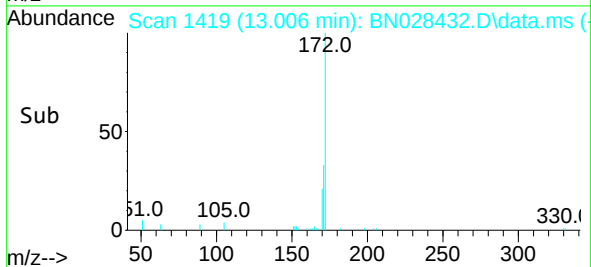
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

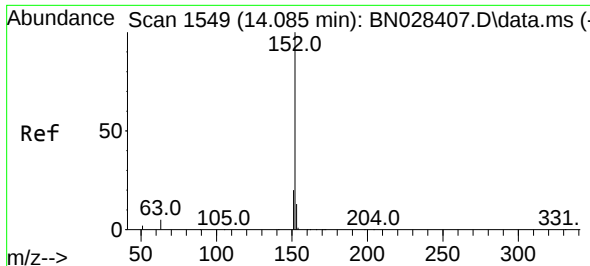


#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 13.006 min Scan# 1419
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34



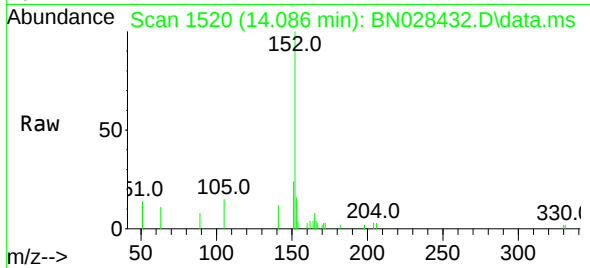
Tgt Ion: 172 Resp: 5922
Ion Ratio Lower Upper
172 100
171 33.0 27.2 40.8
170 20.7 17.1 25.7





#16
Acenaphthylene
Concen: 0.048 ng
RT: 14.086 min Scan# 1549
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

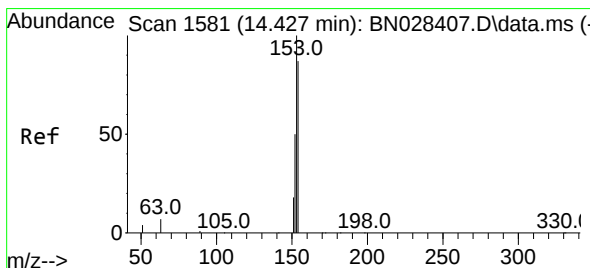
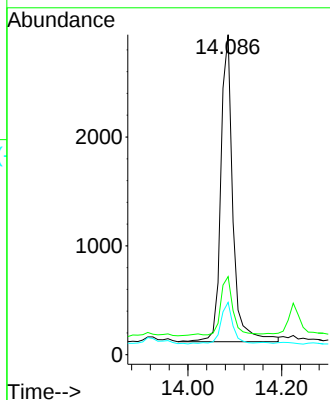
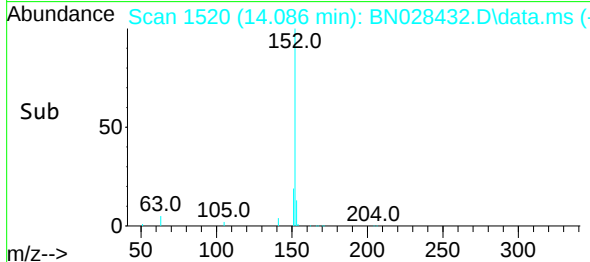
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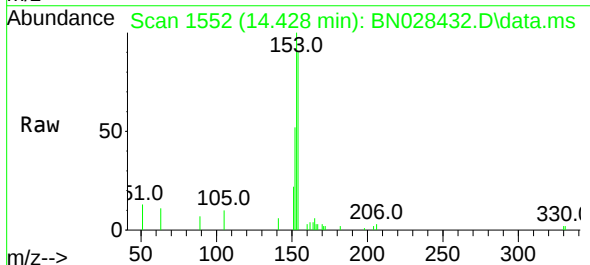
Tgt Ion:152 Resp: 5019
Ion Ratio Lower Upper
152 100
151 18.8 15.7 23.5
153 13.9 10.5 15.7

Manual Integrations
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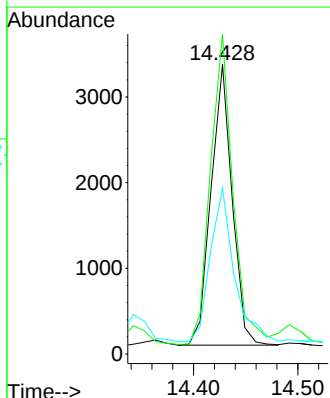
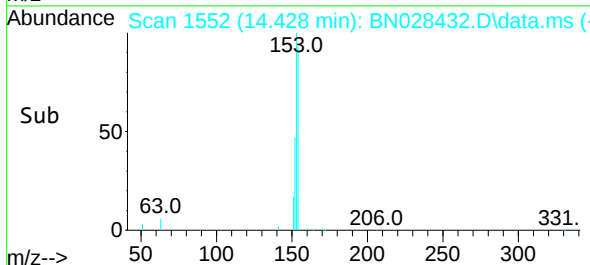
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

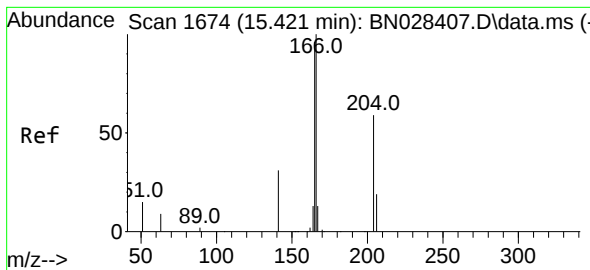


#17
Acenaphthene
Concen: 0.070 ng
RT: 14.428 min Scan# 1552
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34



Tgt Ion:154 Resp: 4619
Ion Ratio Lower Upper
154 100
153 117.8 90.5 135.7
152 63.1 45.8 68.6





#18

Fluorene

Concen: 0.043 ng

RT: 15.411 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

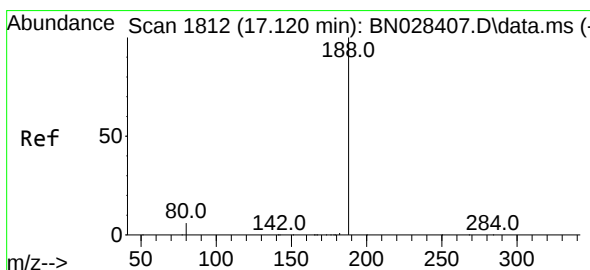
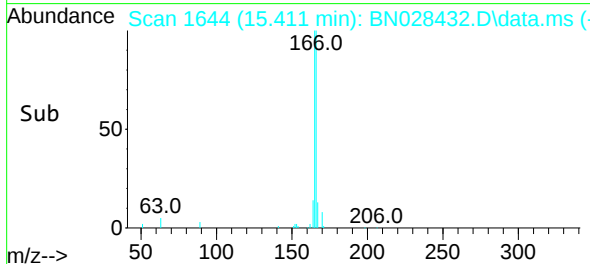
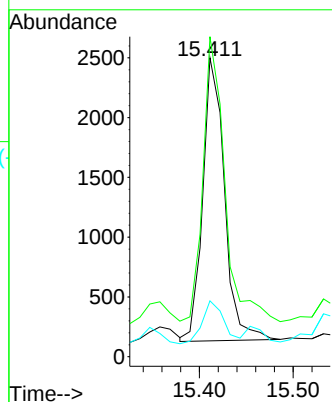
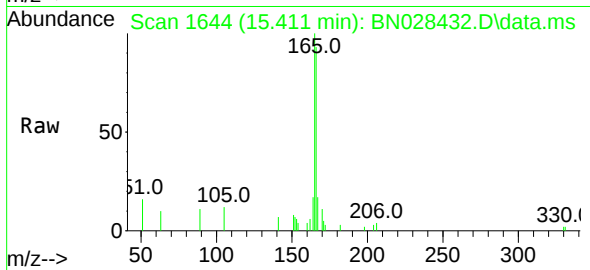
Tgt Ion:	166	Resp:	3800
Ion Ratio	Lower	Upper	
166	100		
165	100.8	79.2	118.8
167	15.3	10.6	16.0

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2023



#19

Phenanthrene-d10

Concen: 0.400 ng

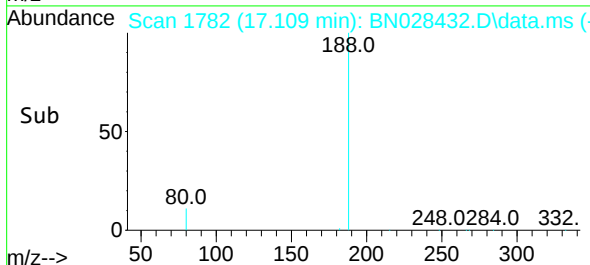
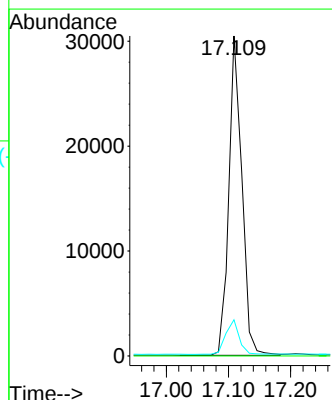
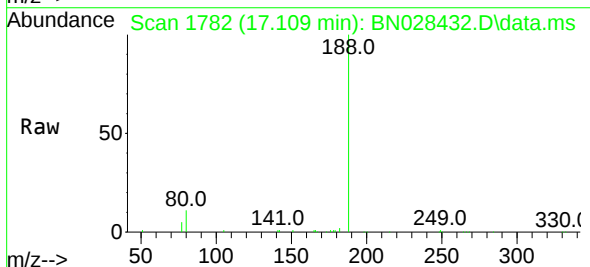
RT: 17.109 min Scan# 1782

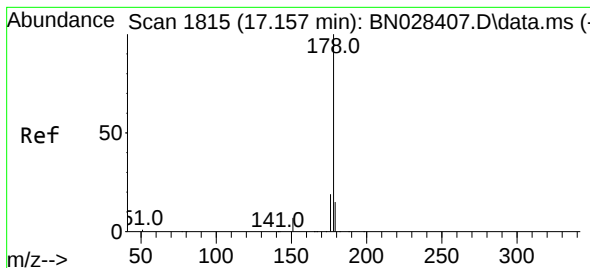
Delta R.T. -0.011 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Tgt Ion:	188	Resp:	44238
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	5.3	7.9





#25

Phenanthrene

Concen: 0.539 ng

RT: 17.158 min Scan# 1793

Delta R.T. 0.001 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

Tgt Ion:178 Resp: 7040

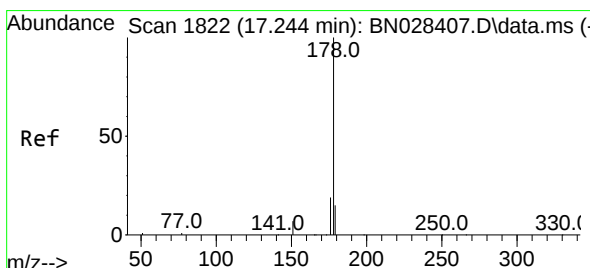
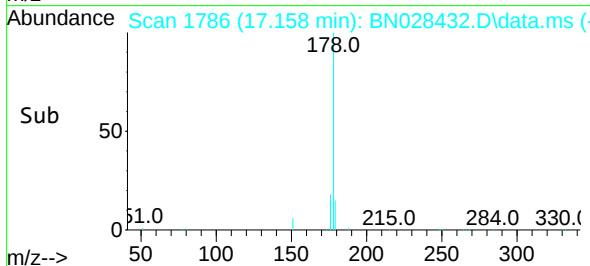
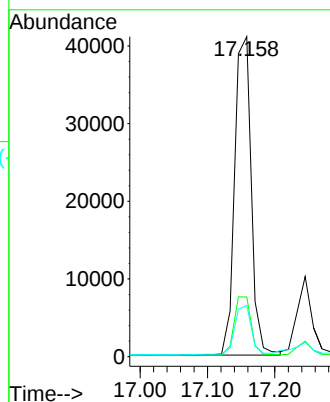
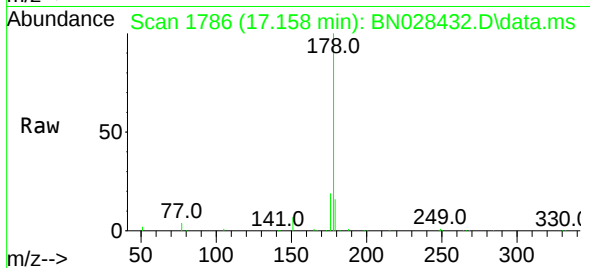
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.6	12.2	18.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#26

Anthracene

Concen: 0.127 ng

RT: 17.245 min Scan# 1793

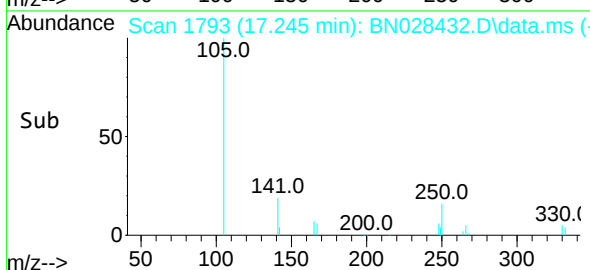
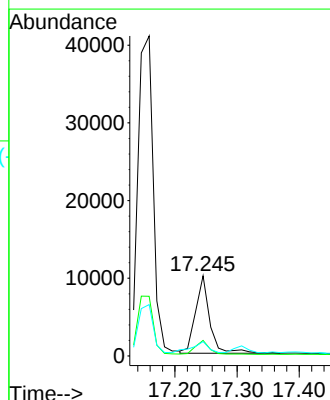
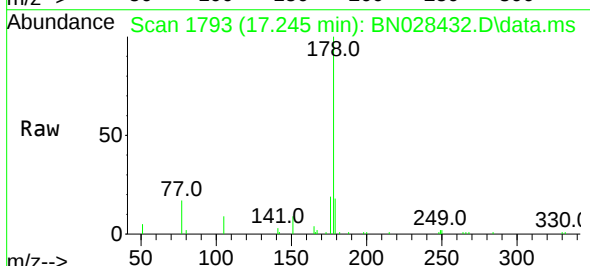
Delta R.T. 0.001 min

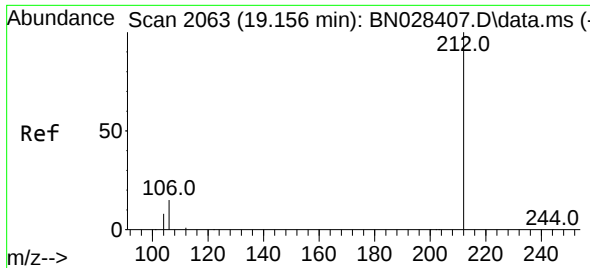
Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Tgt Ion:178 Resp: 15861

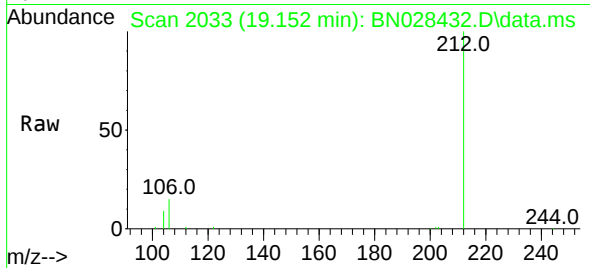
Ion	Ratio	Lower	Upper
178	100		
176	17.3	14.9	22.3
179	16.3	12.2	18.4





#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.152 min Scan# 2063
Delta R.T. -0.004 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

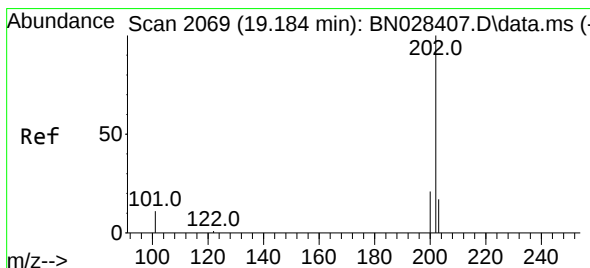
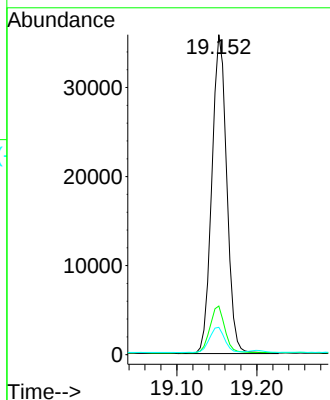
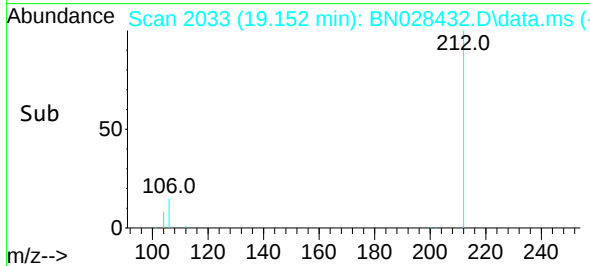
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE



Tgt Ion:212 Resp: 4631
Ion Ratio Lower Upper
212 100
106 14.7 11.9 17.9
104 8.2 6.7 10.1

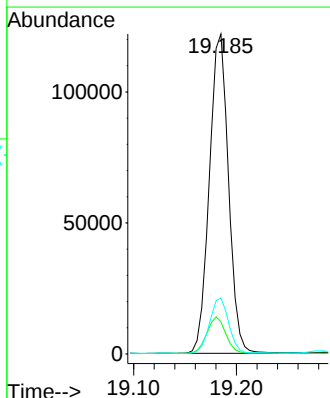
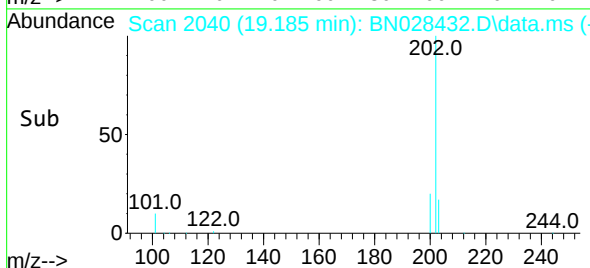
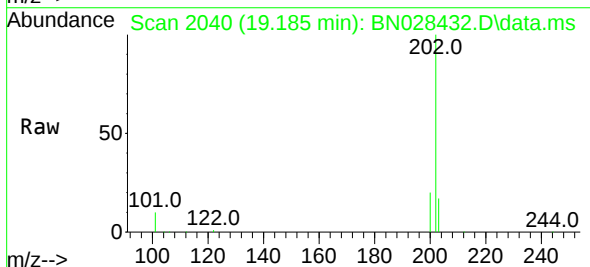
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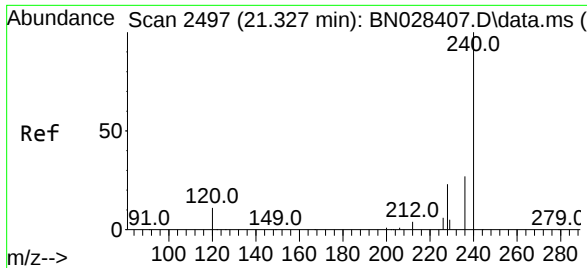
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#28
Fluoranthene
Concen: 1.034 ng
RT: 19.185 min Scan# 2040
Delta R.T. 0.001 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

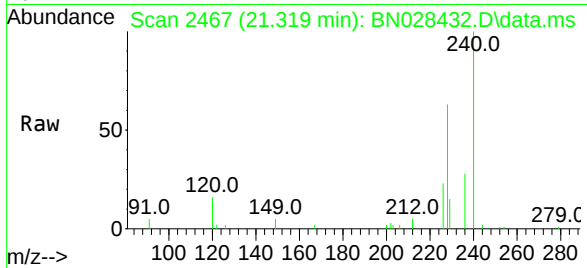
Tgt Ion:202 Resp: 157711
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
203 17.3 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.319 min Scan# 2467
Delta R.T. -0.008 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

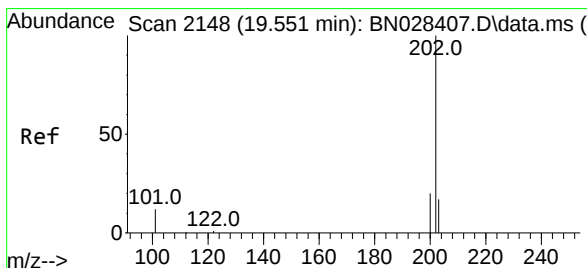
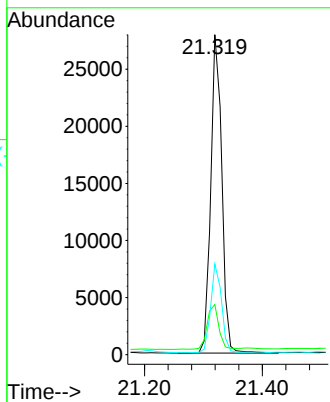
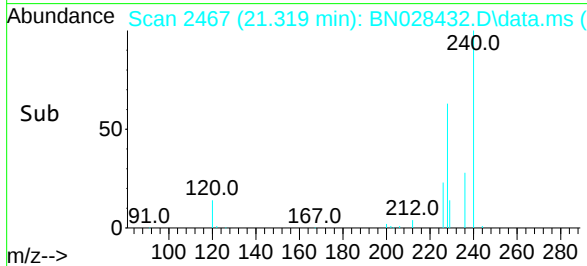
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE



Tgt Ion:240 Resp: 36340
Ion Ratio Lower Upper
240 100
120 15.6 9.8 14.6
236 28.3 22.2 33.2

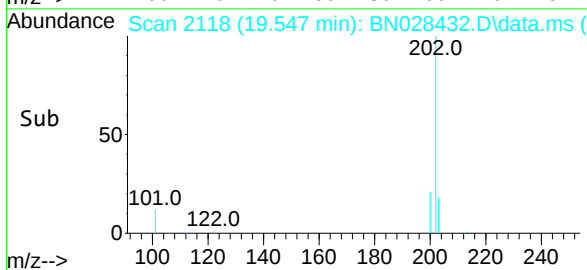
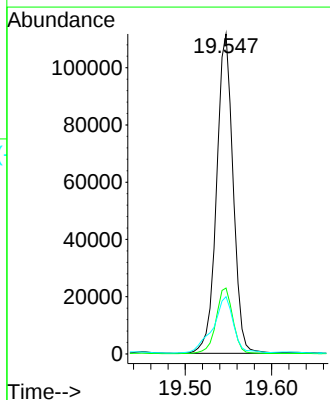
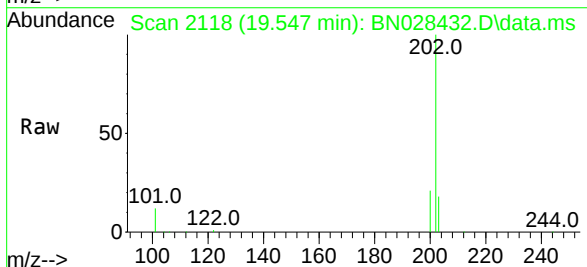
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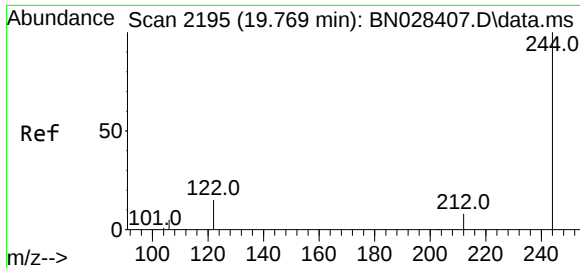
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#30
Pyrene
Concen: 0.980 ng
RT: 19.547 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

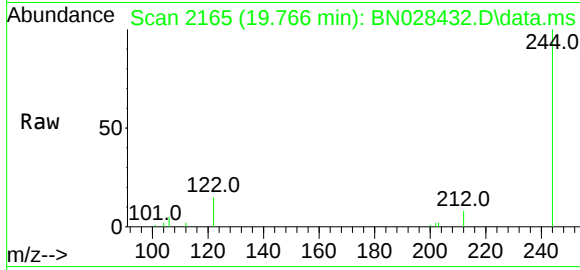
Tgt Ion:202 Resp: 148527
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 22.1 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.396 ng
 RT: 19.766 min Scan# 2195
 Delta R.T. -0.004 min
 Lab File: BN028432.D
 Acq: 02 Nov 2023 21:34

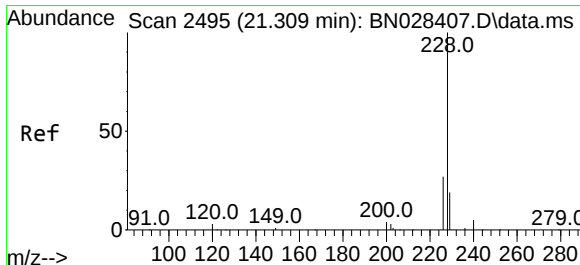
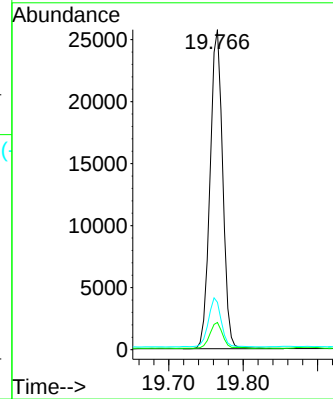
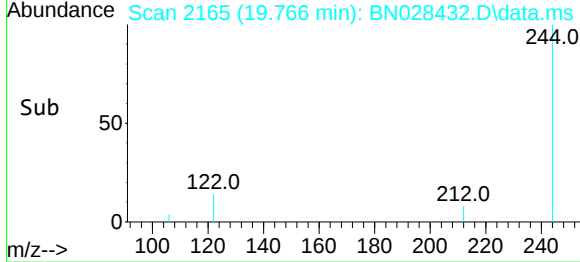
Instrument :
 BNA_N
 ClientSampleId :
 PE-6-NORTHSIDE-BASE



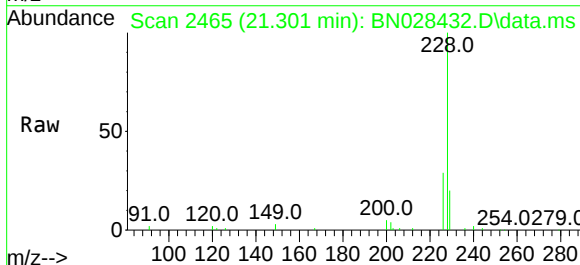
Tgt Ion:244 Resp: 30314
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 10.0
 122 14.8 12.6 19.0

Manual Integrations
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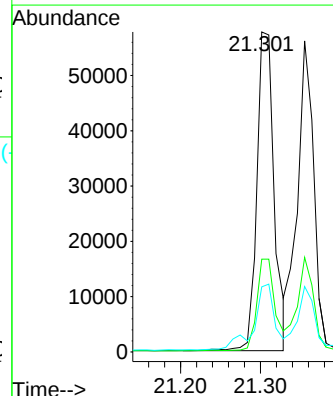
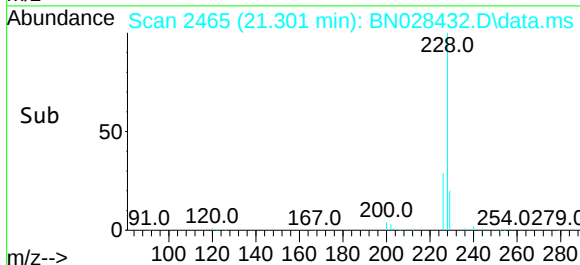
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

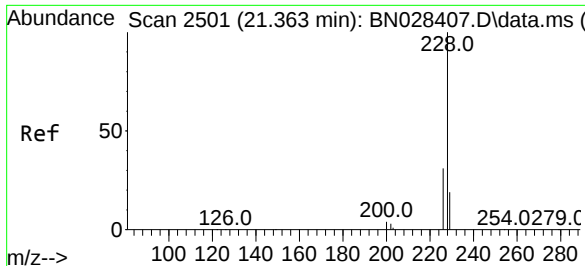


#32
 Benzo(a)anthracene
 Concen: 0.603 ng
 RT: 21.301 min Scan# 2465
 Delta R.T. -0.008 min
 Lab File: BN028432.D
 Acq: 02 Nov 2023 21:34



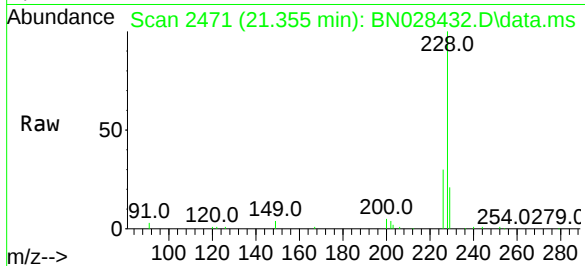
Tgt Ion:228 Resp: 86977
 Ion Ratio Lower Upper
 228 100
 226 29.0 21.8 32.8
 229 20.3 15.5 23.3





#33
Chrysene
Concen: 0.553 ng
RT: 21.355 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

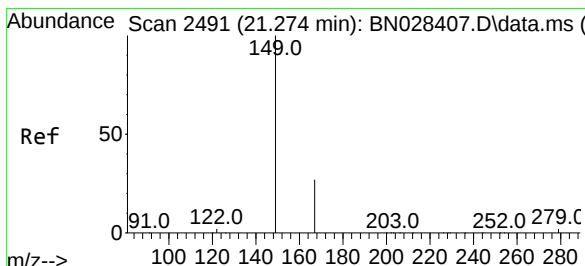
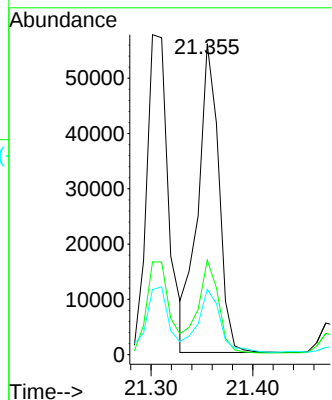
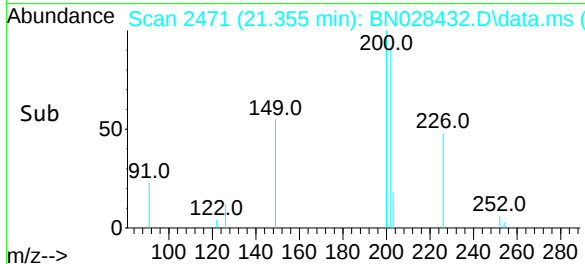
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE



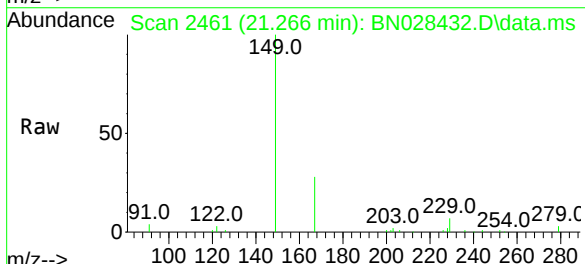
Tgt Ion:228 Resp: 7946
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 21.0 15.7 23.5

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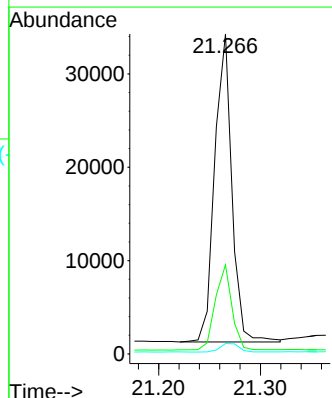
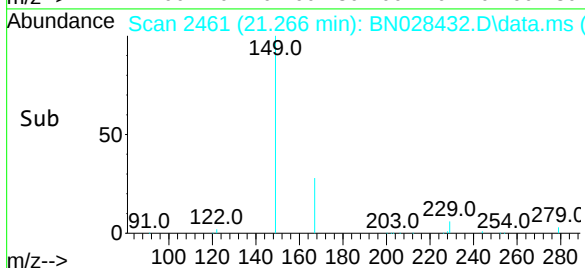
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

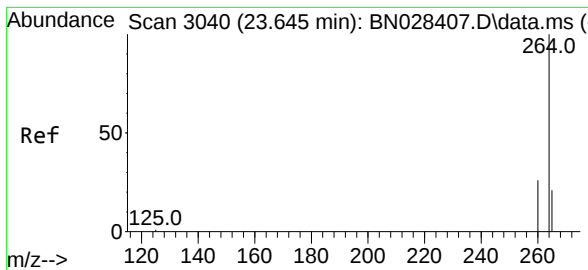


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.518 ng
RT: 21.266 min Scan# 2461
Delta R.T. -0.008 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34



Tgt Ion:149 Resp: 38604
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 3.1 2.3 3.5





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.634 min Scan# 3040

Delta R.T. -0.011 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Instrument :

BNA_N

ClientSampleId :

PE-6-NORTHSIDE-BASE

Tgt Ion:264 Resp: 36744

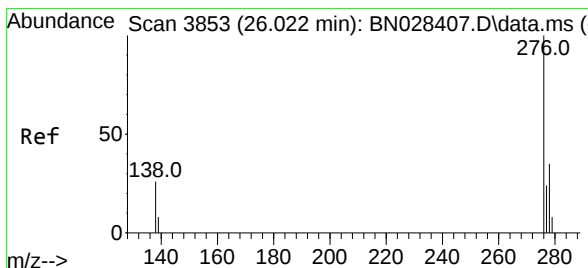
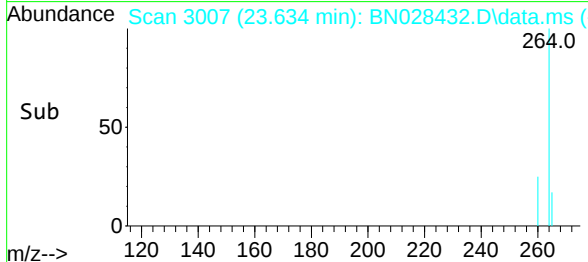
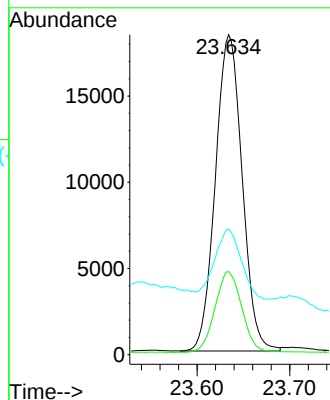
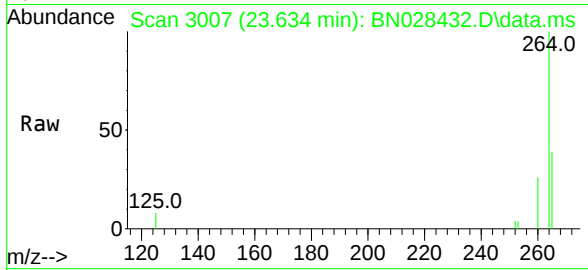
Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.8	31.2
265	39.3	21.7	32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.348 ng

RT: 26.002 min Scan# 3817

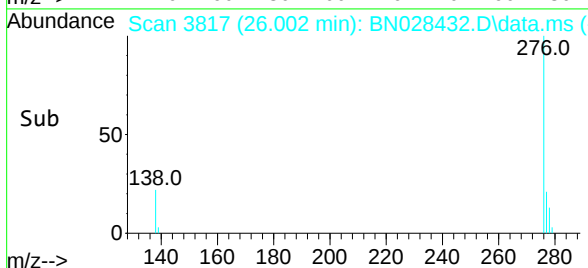
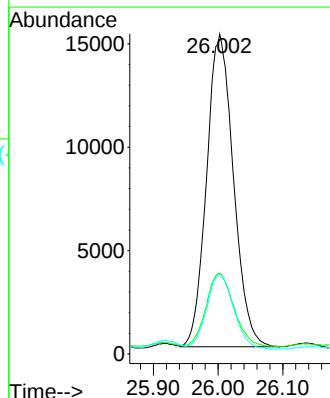
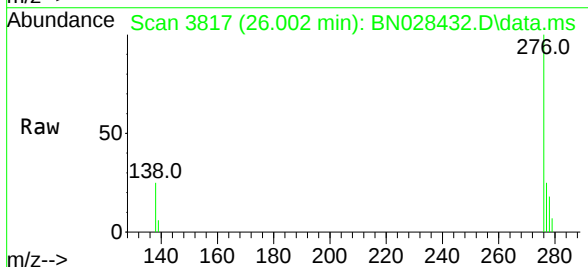
Delta R.T. -0.020 min

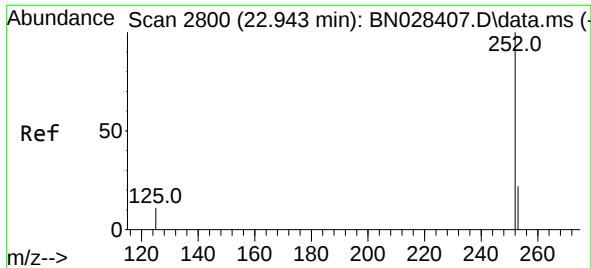
Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Tgt Ion:276 Resp: 43626

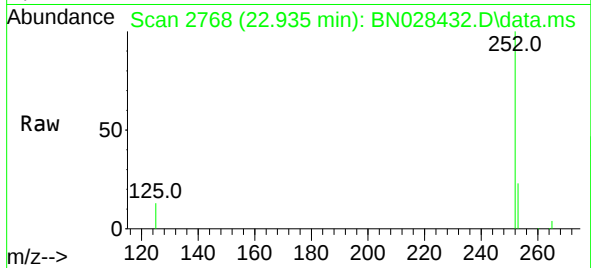
Ion	Ratio	Lower	Upper
276	100		
138	24.3	24.1	36.1
277	24.3	19.7	29.5





#37
Benzo(b)fluoranthene
Concen: 0.787 ng
RT: 22.935 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

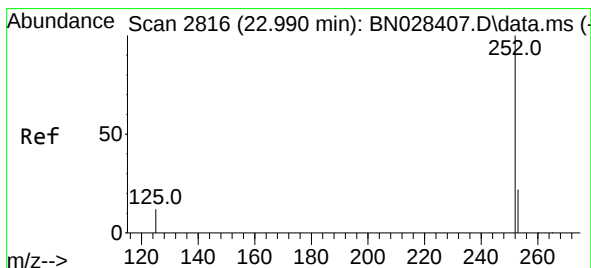
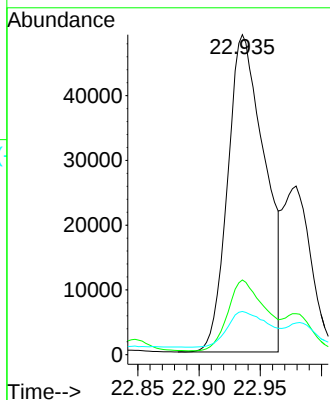
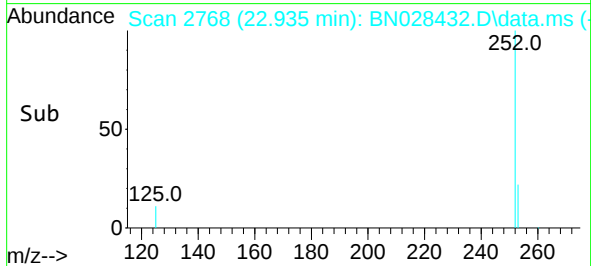
Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE



Tgt Ion:252 Resp: 103035
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 13.5 10.0 15.0

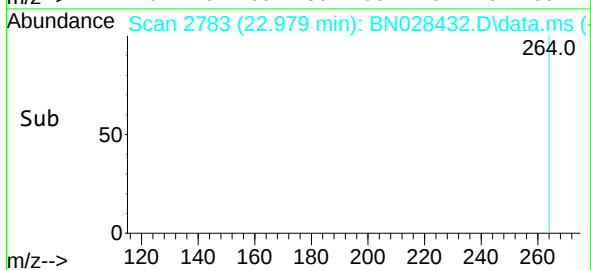
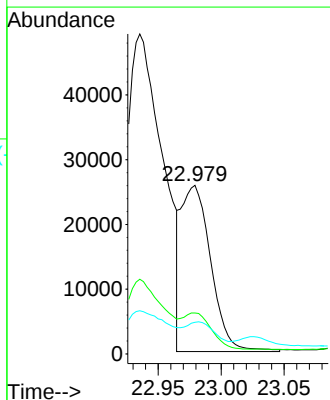
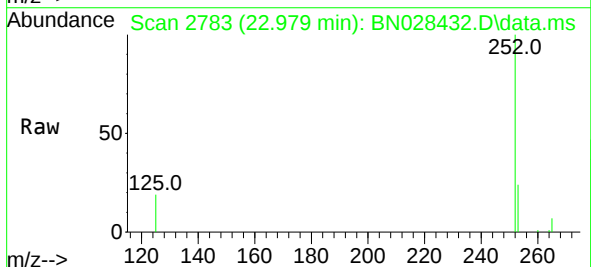
Manual Integrations
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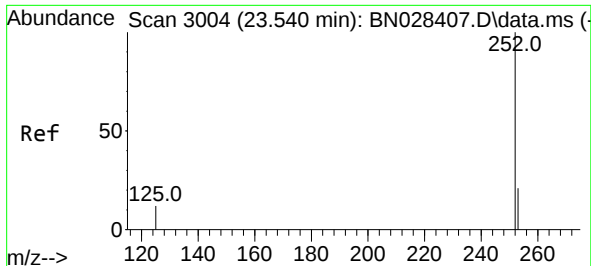
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#38
Benzo(k)fluoranthene
Concen: 0.293 ng m
RT: 22.979 min Scan# 2783
Delta R.T. -0.011 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Tgt Ion:252 Resp: 42150
Ion Ratio Lower Upper
252 100
253 24.3 18.1 27.1
125 18.8 10.2 15.2#





#39

Benzo(a)pyrene

Concen: 0.591 ng

RT: 23.529 min Scan# 2971

Delta R.T. -0.011 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

Instrument :

BN028432.D

ClientSampleId :

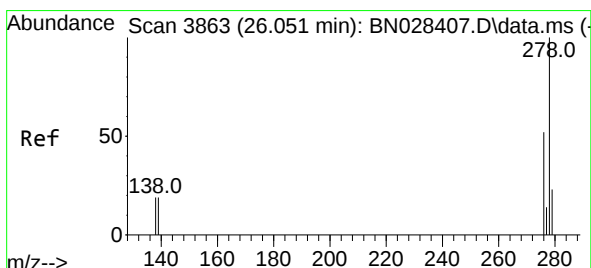
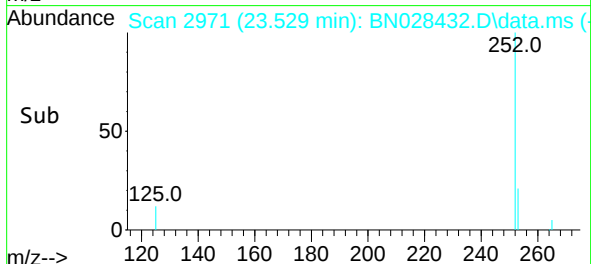
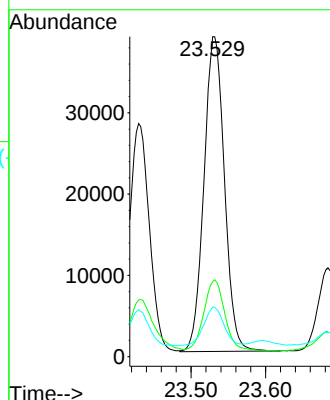
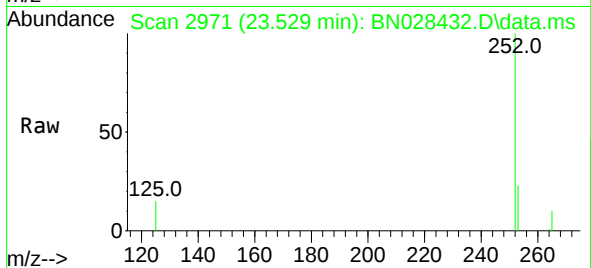
PE-6-NORTHSIDE-BASE

Tgt Ion:	252	Resp:	7390
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	15.4	11.0	16.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.096 ng

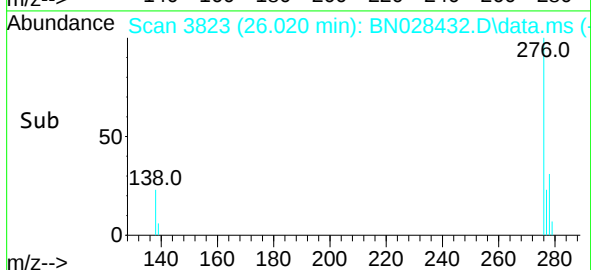
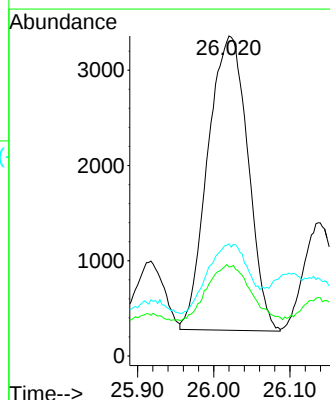
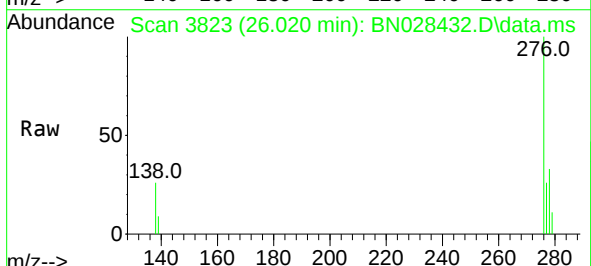
RT: 26.020 min Scan# 3823

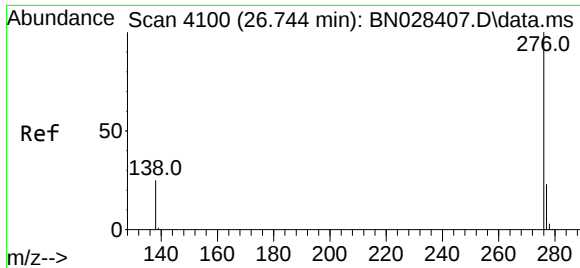
Delta R.T. -0.031 min

Lab File: BN028432.D

Acq: 02 Nov 2023 21:34

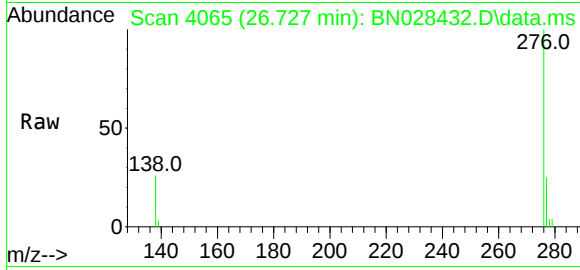
Tgt Ion:	278	Resp:	11283
Ion Ratio	Lower	Upper	
278	100		
139	27.8	15.8	23.8#
279	35.1	19.7	29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.348 ng
RT: 26.727 min Scan# 4065
Delta R.T. -0.017 min
Lab File: BN028432.D
Acq: 02 Nov 2023 21:34

Instrument :
BNA_N
ClientSampleId :
PE-6-NORTHSIDE-BASE



Tgt Ion:276 Resp: 43812
Ion Ratio Lower Upper
276 100
277 24.5 19.0 28.4
138 26.3 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

