

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029218.D
 Acq On : 28 Dec 2023 17:24
 Operator : MA/JU
 Sample : 05967-12MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

COLTOMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 17:50:59 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 28 01:20:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	784	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	1697	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	1090	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	1937	0.400	ng	0.00
29) Chrysene-d12	21.340	240	797	0.400	ng	0.00
35) Perylene-d12	23.630	264	894	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	130	0.071	ng	0.00
5) Phenol-d6	6.944	99	96	0.047	ng	0.00
8) Nitrobenzene-d5	8.907	82	357	0.168	ng	0.00
11) 2-Methylnaphthalene-d10	12.113	152	672	0.229	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	141	0.168	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	1121	0.192	ng	0.00
27) Fluoranthene-d10	19.169	212	831	0.211	ng	0.00
31) Terphenyl-d14	19.782	244	672	0.272	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.275	88	74m	0.104	ng	Qvalue
3) n-Nitrosodimethylamine	3.615	42	78	0.131	ng	# 38
6) bis(2-Chloroethyl)ether	7.190	93	278	0.199	ng	98
9) Naphthalene	10.573	128	928	0.180	ng	96
10) Hexachlorobutadiene	10.840	225	243	0.165	ng	# 95
12) 2-Methylnaphthalene	12.189	142	736	0.193	ng	95
16) Acenaphthylene	14.094	152	1483	0.207	ng	99
17) Acenaphthene	14.436	154	847	0.191	ng	99
18) Fluorene	15.430	166	1235	0.193	ng	98
20) 4,6-Dinitro-2-methylph...	15.530	198	117	0.226	ng	# 70
21) 4-Bromophenyl-phenylether	16.337	248	341	0.204	ng	92
22) Hexachlorobenzene	16.424	284	384	0.196	ng	98
23) Atrazine	16.622	200	379	0.234	ng	96
24) Pentachlorophenol	16.784	266	464	0.364	ng	94
25) Phenanthrene	17.168	178	2041	0.238	ng	99
26) Anthracene	17.268	178	1842	0.220	ng	97
28) Fluoranthene	19.201	202	1864	0.243	ng	# 96
30) Pyrene	19.563	202	1901	0.237	ng	100
32) Benzo(a)anthracene	21.322	228	1177	0.255	ng	97
33) Chrysene	21.375	228	1163	0.253	ng	96
34) Bis(2-ethylhexyl)phtha...	21.268	149	1824	0.273	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.966	276	1319	0.213	ng	# 80
37) Benzo(b)fluoranthene	22.935	252	1146	0.237	ng	# 88
38) Benzo(k)fluoranthene	22.984	252	1074	0.229	ng	92
39) Benzo(a)pyrene	23.525	252	983	0.224	ng	94
40) Dibenzo(a,h)anthracene	25.990	278	1001	0.211	ng	# 87
41) Benzo(g,h,i)perylene	26.677	276	1088	0.207	ng	96

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

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Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023

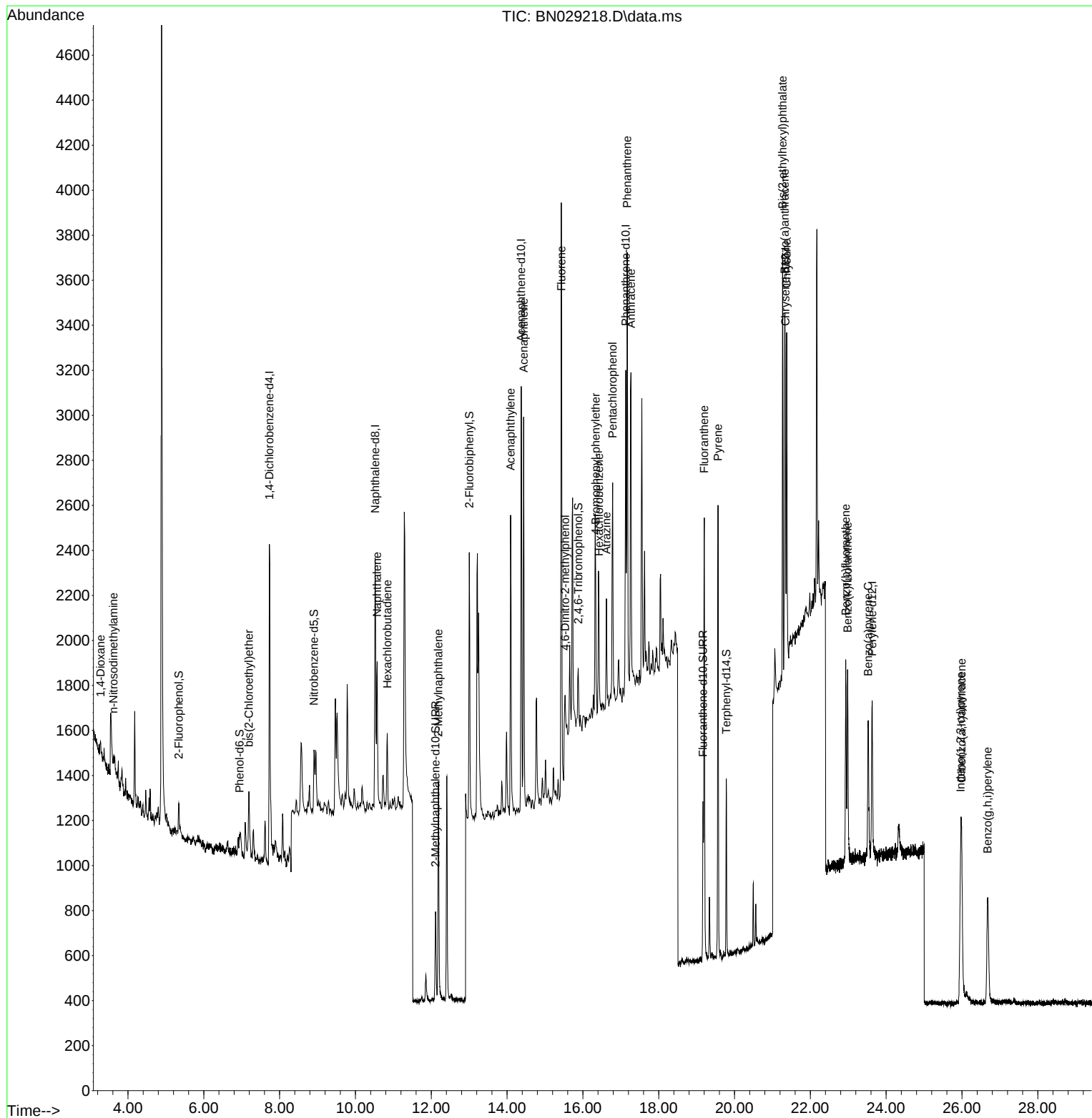
Quant Time: Dec 28 17:50:59 2023

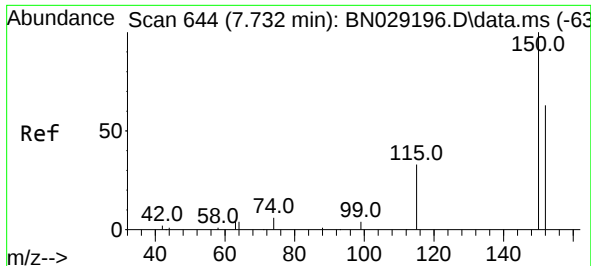
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 28 01:20:47 2023

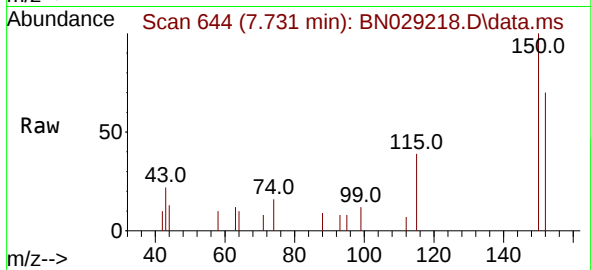
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.731 min Scan# 64
 Delta R.T. -0.001 min
 Lab File: BN029218.D
 Acq: 28 Dec 2023 17:24

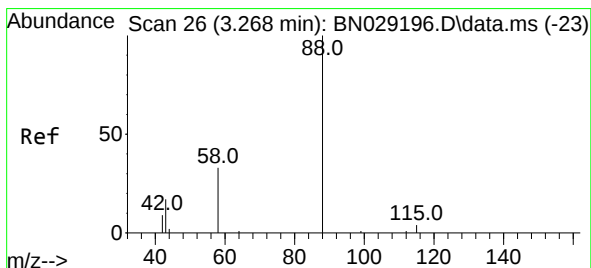
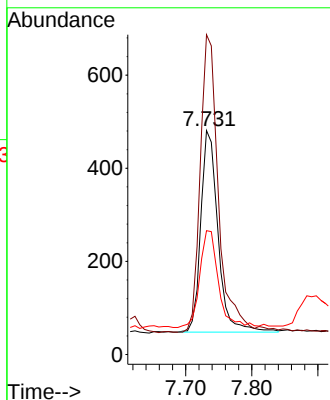
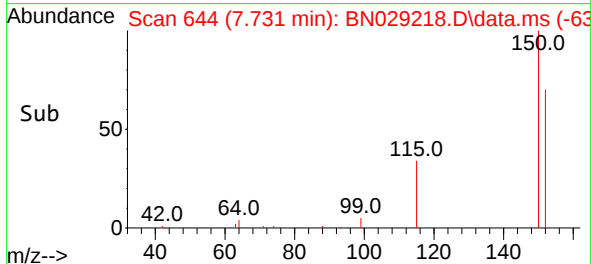
Instrument :
 BNA_N
 ClientSampleId :
 COLTOMS



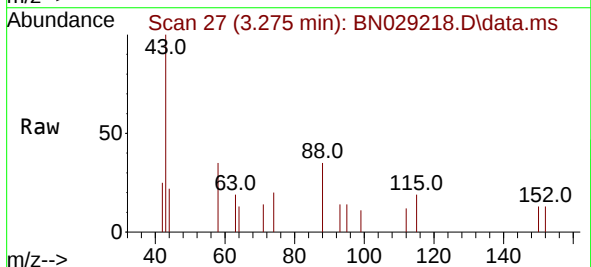
Tgt Ion:152 Resp: 784
 Ion Ratio Lower Upper
 152 100
 150 142.8 122.2 183.2
 115 55.3 48.2 72.4

Manual Integrations
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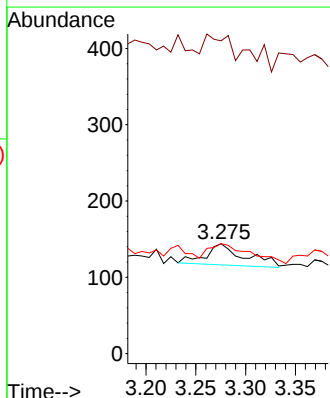
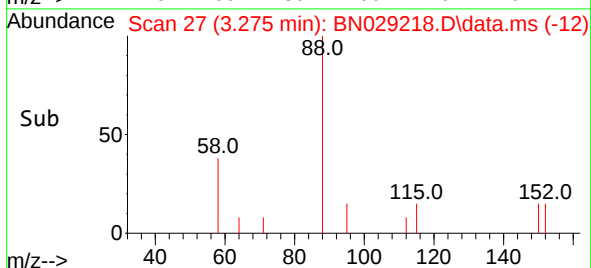
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

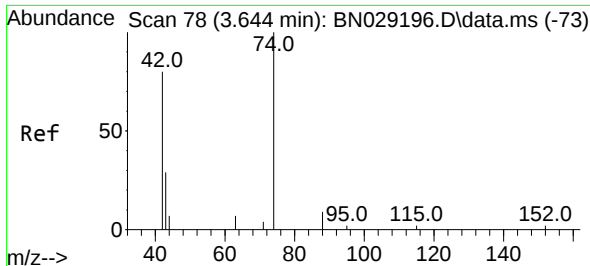


#2
 1,4-Dioxane
 Concen: 0.104 ng m
 RT: 3.275 min Scan# 27
 Delta R.T. 0.007 min
 Lab File: BN029218.D
 Acq: 28 Dec 2023 17:24



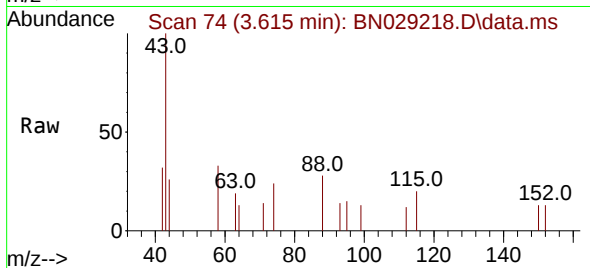
Tgt Ion: 88 Resp: 74
 Ion Ratio Lower Upper
 88 100
 43 48.6 19.0 28.4#
 58 56.8 23.1 34.7#





#3
n-Nitrosodimethylamine
Concen: 0.131 ng
RT: 3.615 min Scan# 74
Delta R.T. -0.029 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

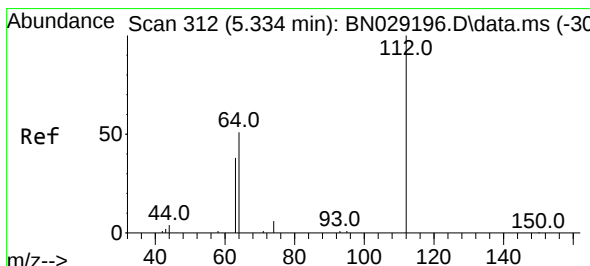
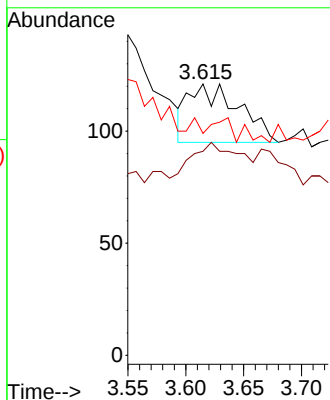
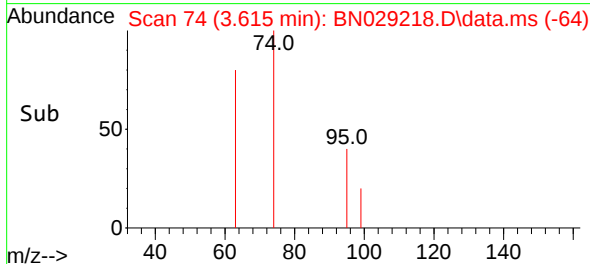
Instrument :
BNA_N
ClientSampleId :
COLTOMS



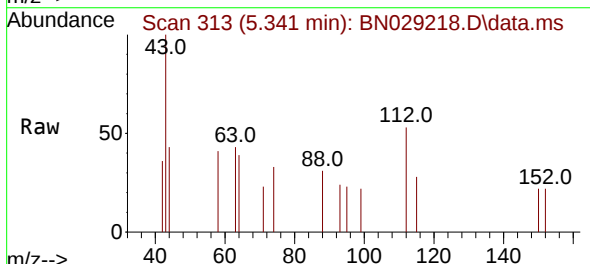
Tgt Ion: 42 Resp: 78
Ion Ratio Lower Upper
42 100
74 56.4 106.8 160.2
44 3.8 5.6 8.4

Manual Integrations
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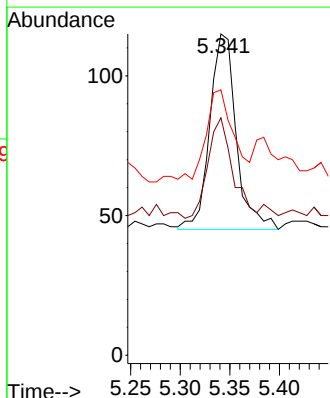
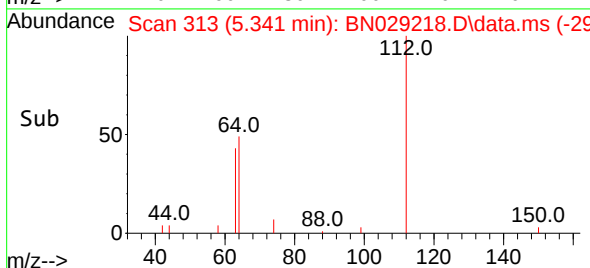
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

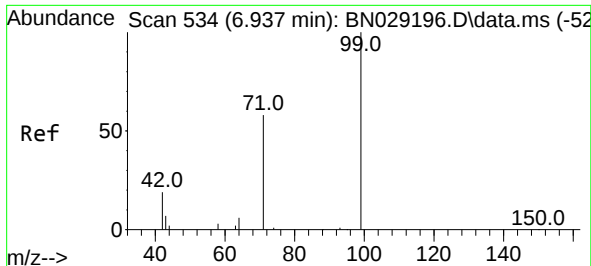


#4
2-Fluorophenol
Concen: 0.071 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.007 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24



Tgt Ion:112 Resp: 130
Ion Ratio Lower Upper
112 100
64 47.7 38.8 58.2
63 50.8 30.6 45.8





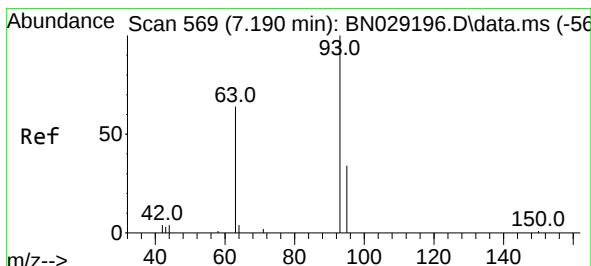
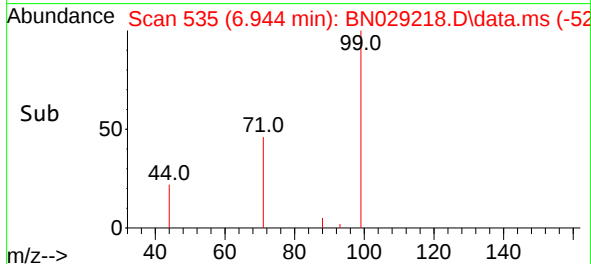
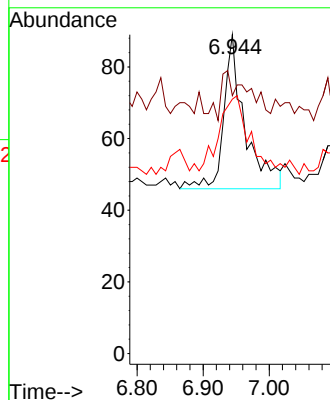
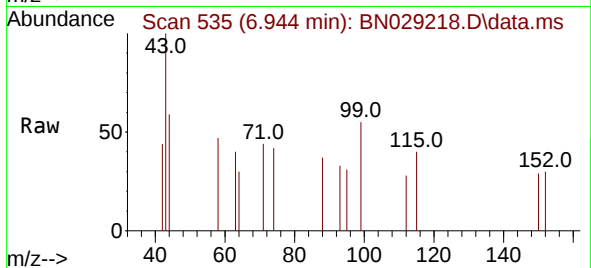
#5
Phenol-d6
Concen: 0.047 ng
RT: 6.944 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Instrument :
BNA_N
ClientSampleId :
COLTOMS

Tgt Ion: 99 Resp: 90
Ion Ratio Lower Upper
99 100
42 16.7 18.3 27.5
71 65.6 48.6 73.0

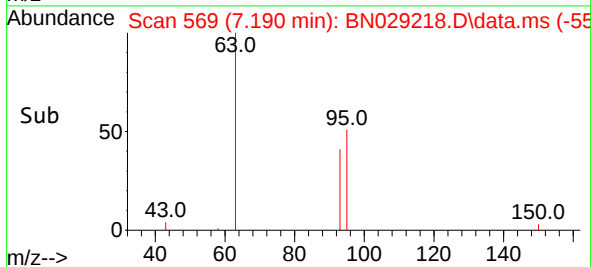
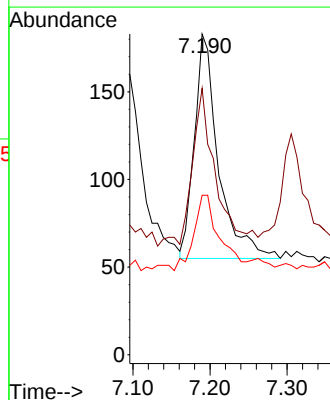
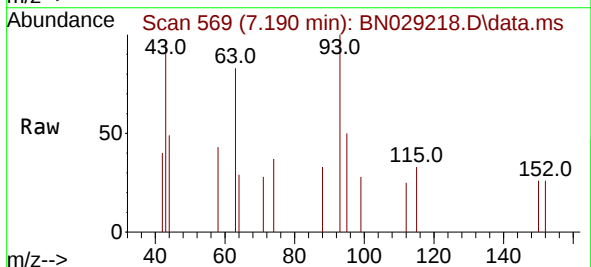
Manual Integrations
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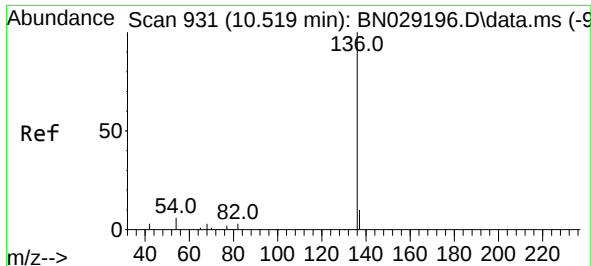
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.199 ng
RT: 7.190 min Scan# 569
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

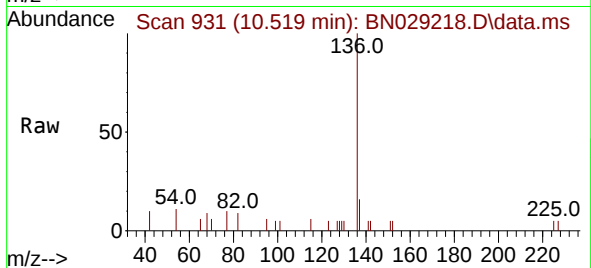
Tgt Ion: 93 Resp: 278
Ion Ratio Lower Upper
93 100
63 68.7 56.6 85.0
95 36.0 29.9 44.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

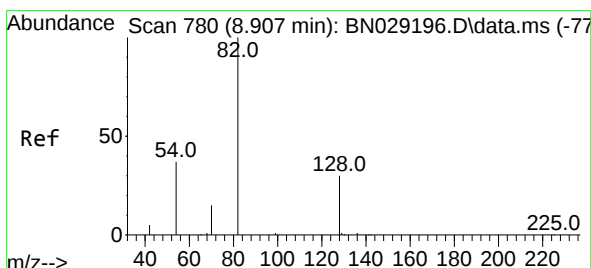
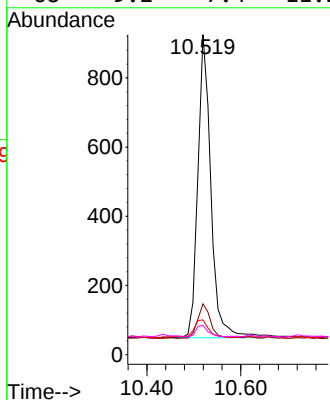
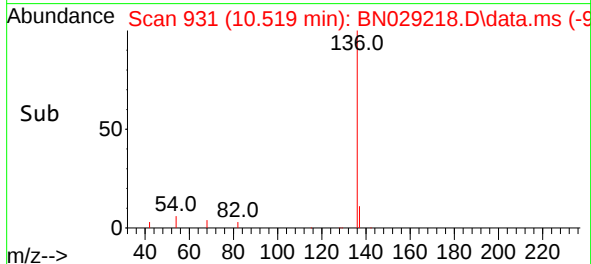
Instrument :
BNA_N
ClientSampleId :
COLTOMS



Tgt Ion:	136	Resp:	169
Ion	Ratio	Lower	Upper
136	100		
137	15.9	13.0	19.4
54	10.8	9.8	14.6
68	9.2	7.4	11.2

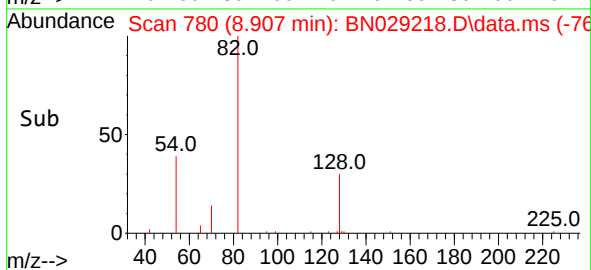
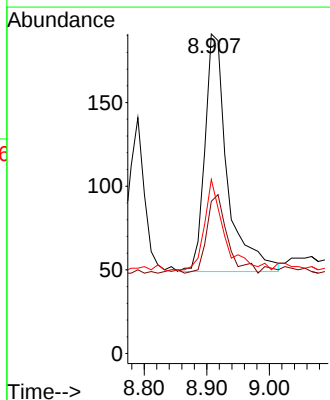
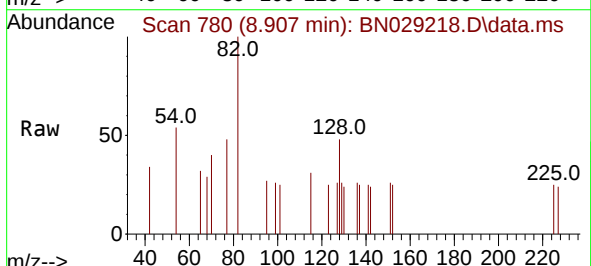
Manual Integrations
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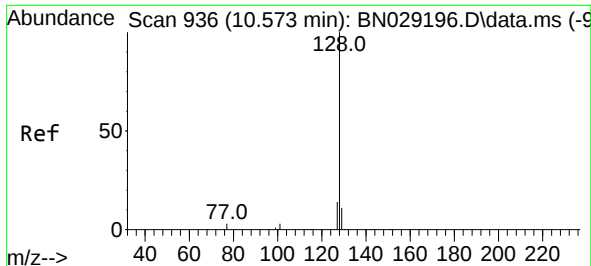
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#8
Nitrobenzene-d5
Concen: 0.168 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Tgt Ion:	82	Resp:	357
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.2	51.2
54	54.5	38.8	58.2





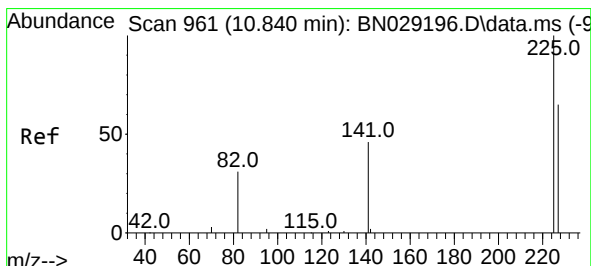
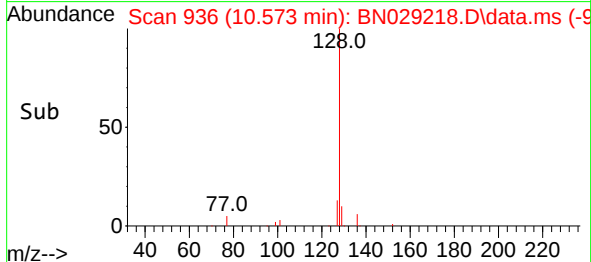
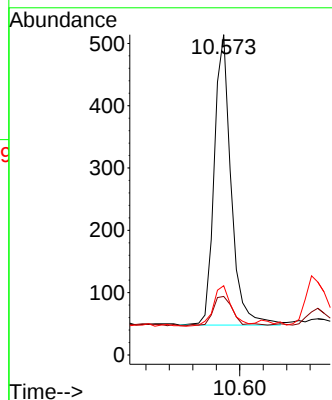
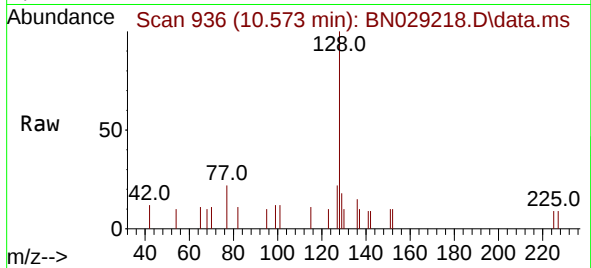
#9
Naphthalene
Concen: 0.180 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Instrument :
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ClientSampleId :
COLTOMS

Tgt Ion:128 Resp: 928
Ion Ratio Lower Upper
128 100
129 18.3 13.4 20.2
127 21.6 15.5 23.3

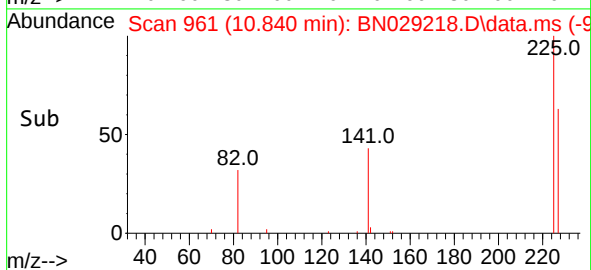
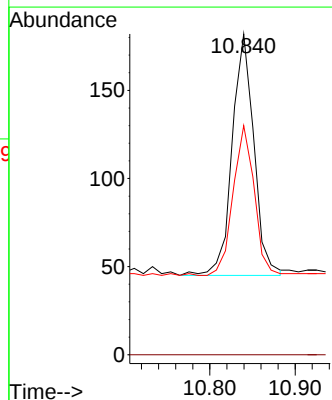
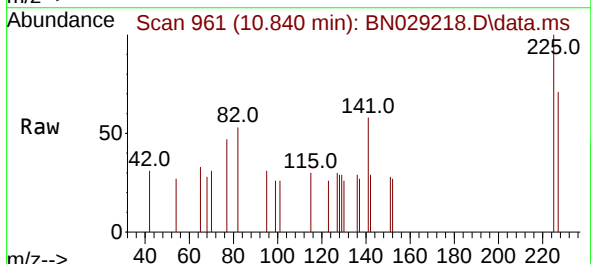
Manual Integrations
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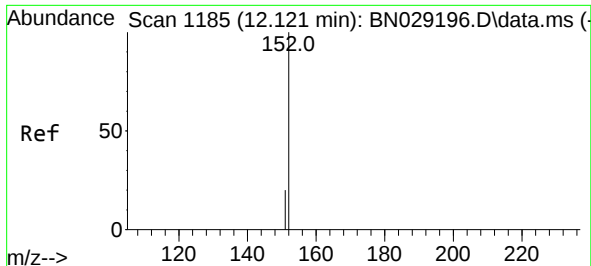
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#10
Hexachlorobutadiene
Concen: 0.165 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

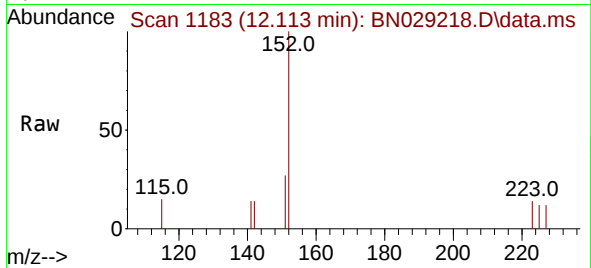
Tgt Ion:225 Resp: 243
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 60.1 51.0 76.6





#11
2-Methylnaphthalene-d10
Concen: 0.229 ng
RT: 12.113 min Scan# 1185
Delta R.T. -0.008 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

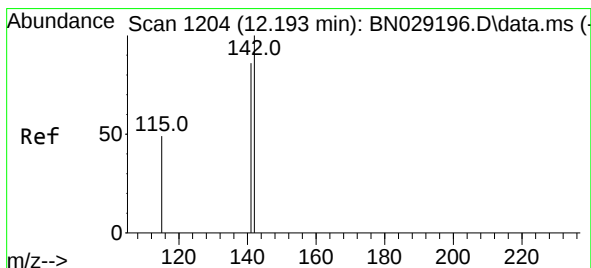
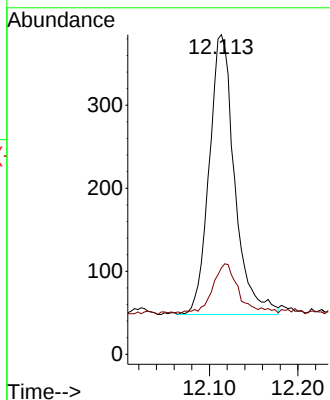
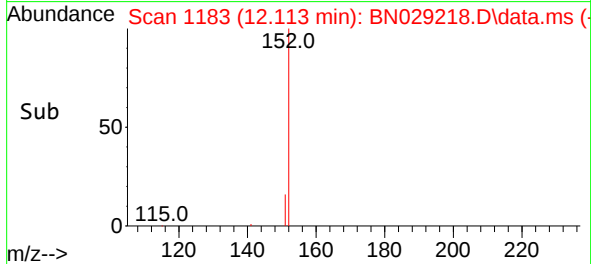
Instrument :
BNA_N
ClientSampleId :
COLTOMS



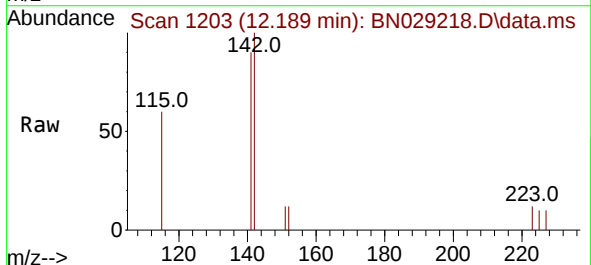
Tgt Ion:152 Resp: 672
Ion Ratio Lower Upper
152 100
151 16.8 16.6 24.8

Manual Integrations
APPROVED

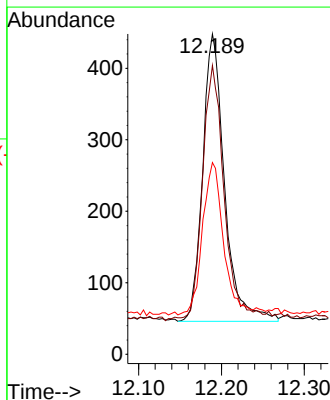
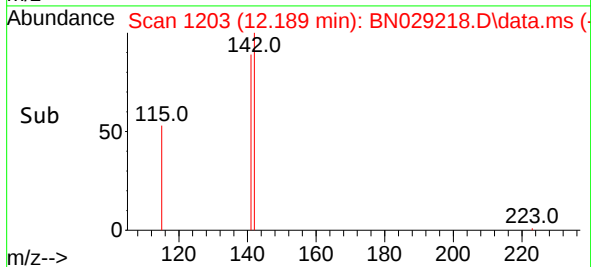
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

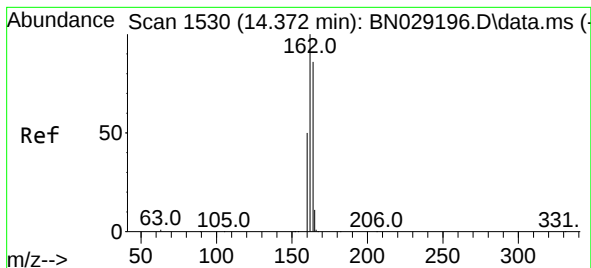


#12
2-Methylnaphthalene
Concen: 0.193 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24



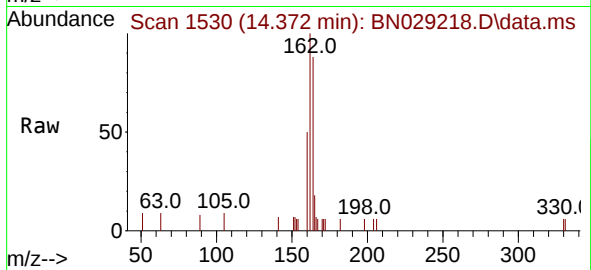
Tgt Ion:142 Resp: 736
Ion Ratio Lower Upper
142 100
141 90.2 69.8 104.6
115 59.8 43.2 64.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

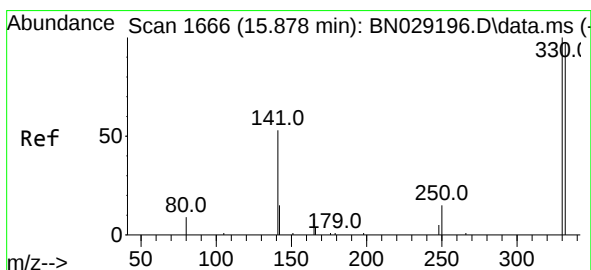
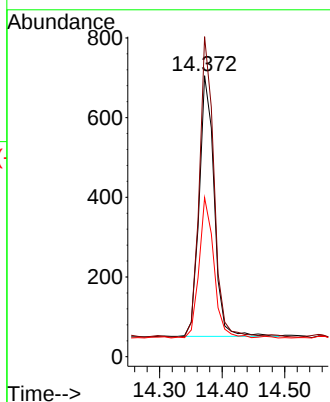
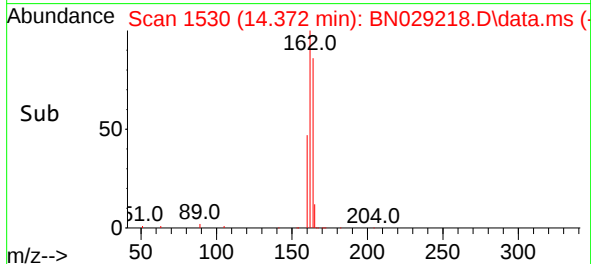
Instrument :
BNA_N
ClientSampleId :
COLTOMS



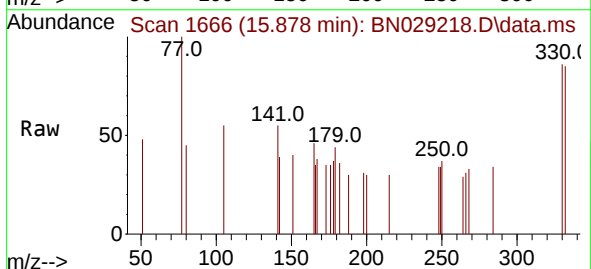
Tgt Ion:164 Resp: 1090
Ion Ratio Lower Upper
164 100
162 113.9 91.8 137.8
160 56.6 49.4 74.2

Manual Integrations
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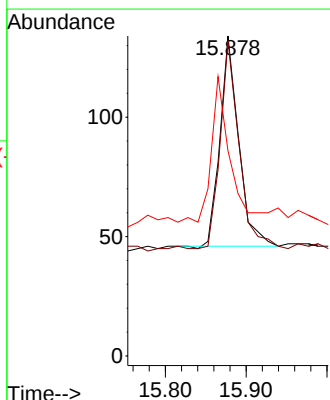
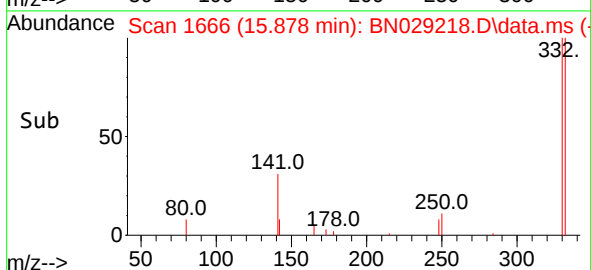
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

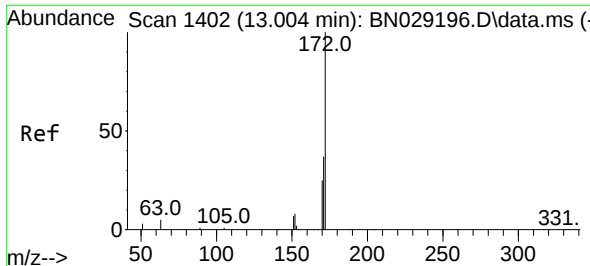


#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 15.878 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24



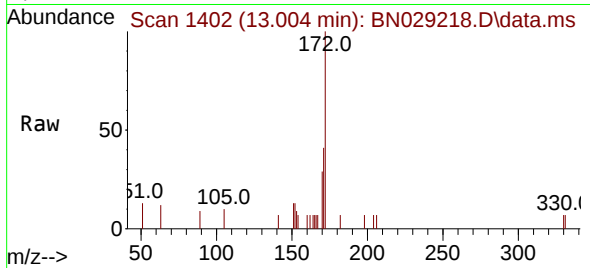
Tgt Ion:330 Resp: 141
Ion Ratio Lower Upper
330 100
332 100.0 74.4 111.6
141 67.4 46.7 70.1





#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 13.004 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

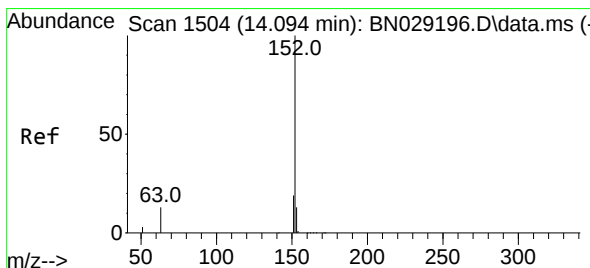
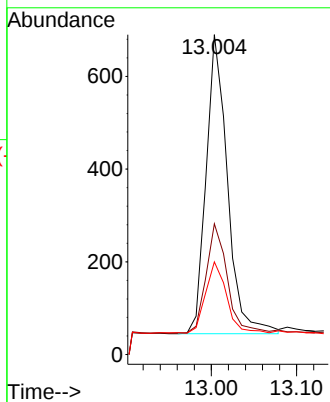
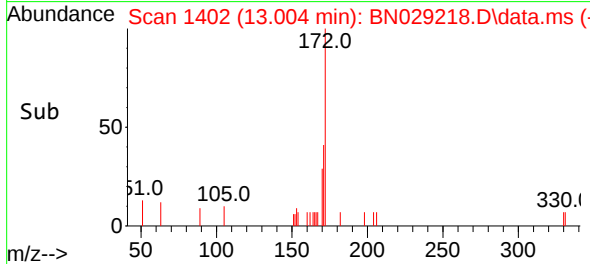
Instrument :
BNA_N
ClientSampleId :
COLTOMS



Tgt Ion:172 Resp: 112
Ion Ratio Lower Upper
172 100
171 40.9 32.8 49.2
170 29.0 24.0 36.0

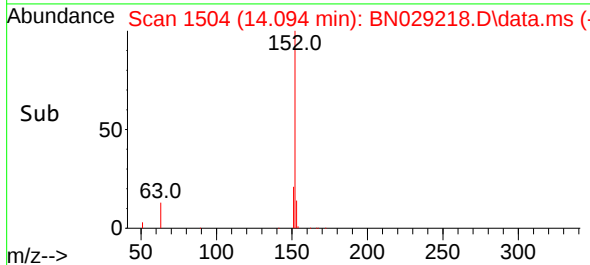
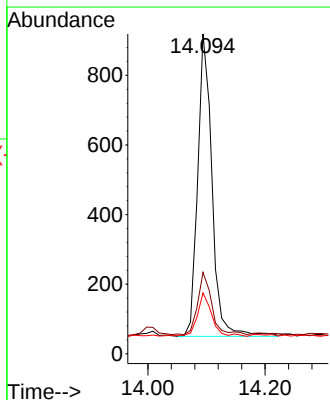
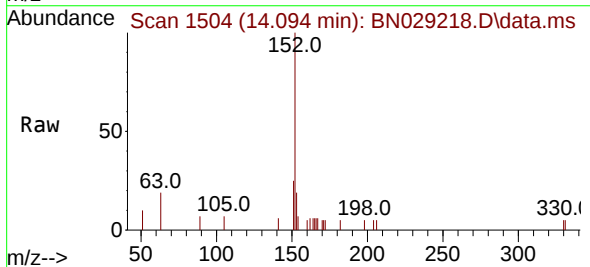
Manual Integrations
APPROVED

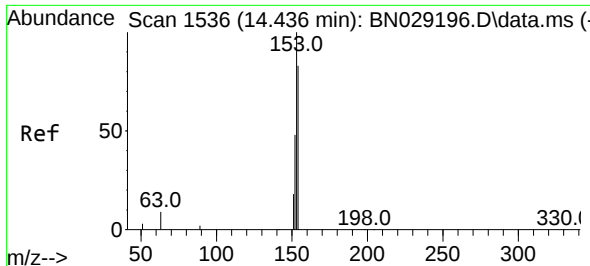
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#16
Acenaphthylene
Concen: 0.207 ng
RT: 14.094 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

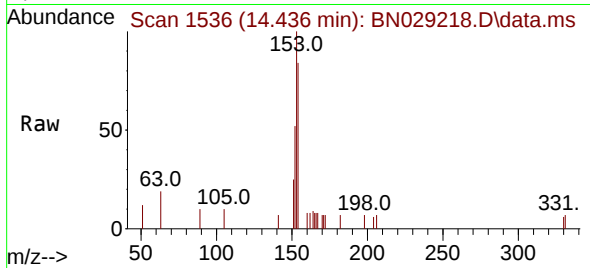
Tgt Ion:152 Resp: 1483
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 14.6 10.8 16.2





#17
Acenaphthene
Concen: 0.191 ng
RT: 14.436 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

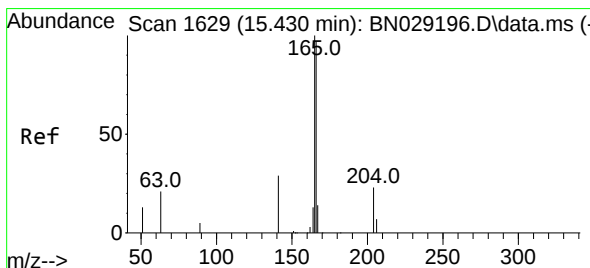
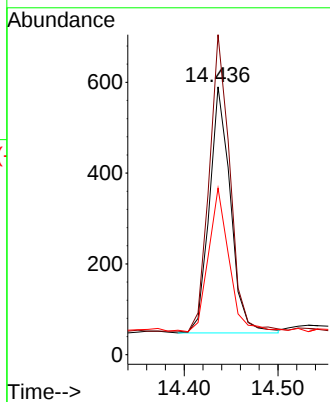
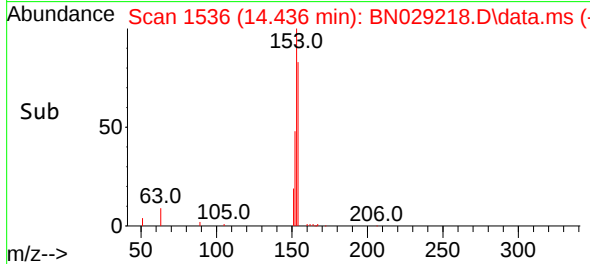
Instrument :
BNA_N
ClientSampleId :
COLTOMS



Tgt Ion:154 Resp: 84
Ion Ratio Lower Upper
154 100
153 117.5 94.6 141.8
152 56.1 46.4 69.6

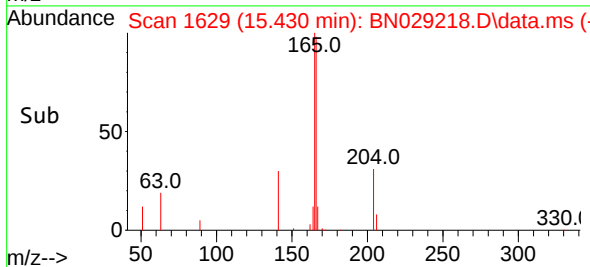
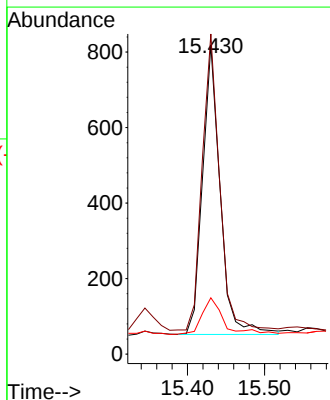
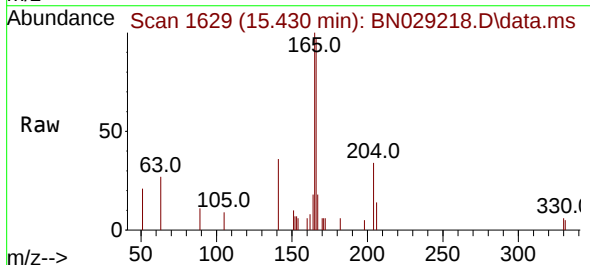
Manual Integrations
APPROVED

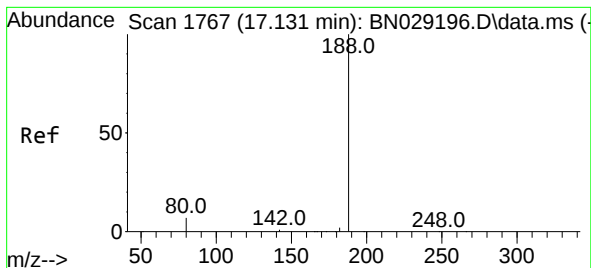
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#18
Fluorene
Concen: 0.193 ng
RT: 15.430 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Tgt Ion:166 Resp: 1235
Ion Ratio Lower Upper
166 100
165 101.2 82.8 124.2
167 15.5 11.4 17.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.131 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029218.D

Acq: 28 Dec 2023 17:24

Instrument :

BNA_N

ClientSampleId :

COLTOMS

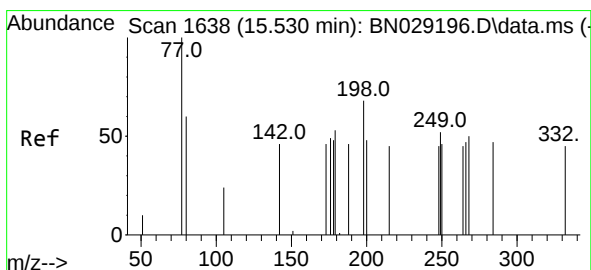
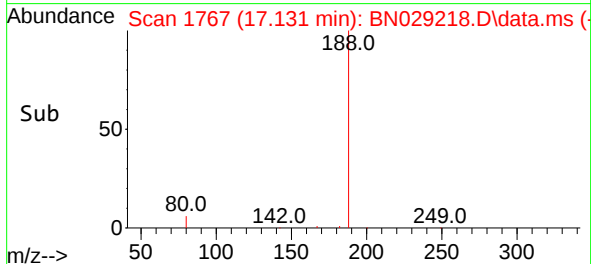
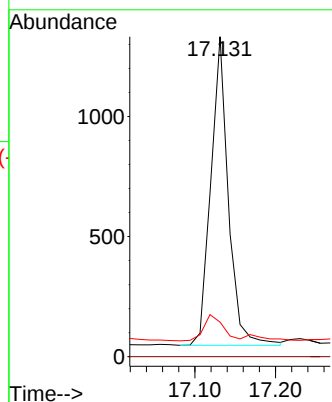
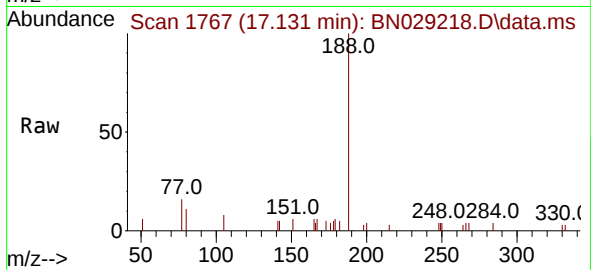
Tgt Ion:188	Resp:	193
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#20

4,6-Dinitro-2-methylphenol

Concen: 0.226 ng

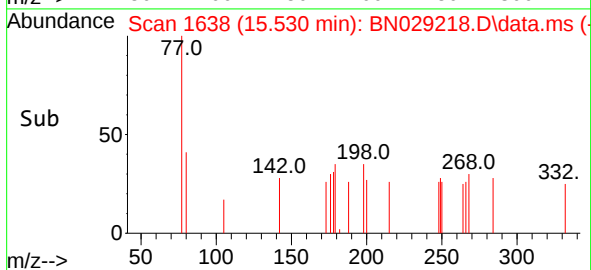
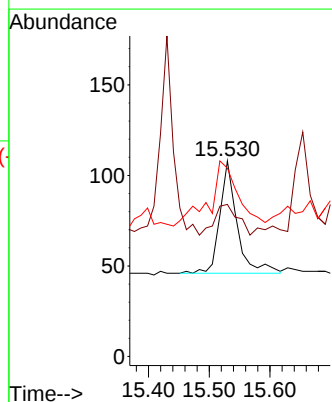
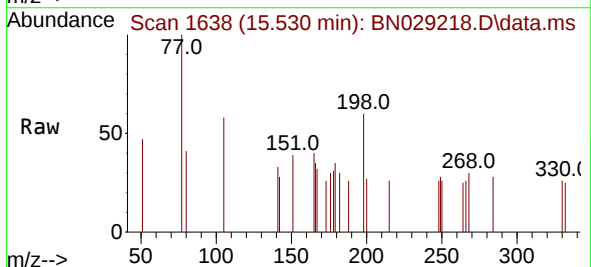
RT: 15.530 min Scan# 1638

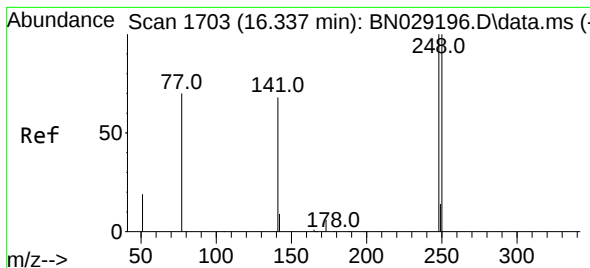
Delta R.T. -0.000 min

Lab File: BN029218.D

Acq: 28 Dec 2023 17:24

Tgt Ion:198	Resp:	117
Ion Ratio	Lower	Upper
198	100	
51	77.8	47.4
105	96.3	54.5





#21
4-Bromophenyl-phenylether
Concen: 0.204 ng
RT: 16.337 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Instrument :

BNA_N

ClientSampleId :

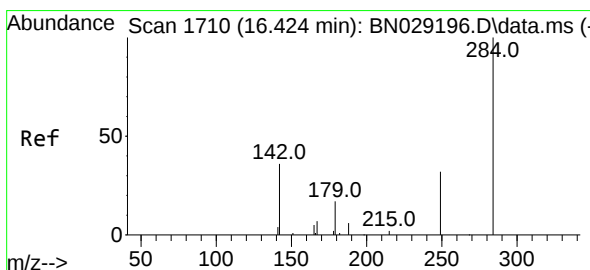
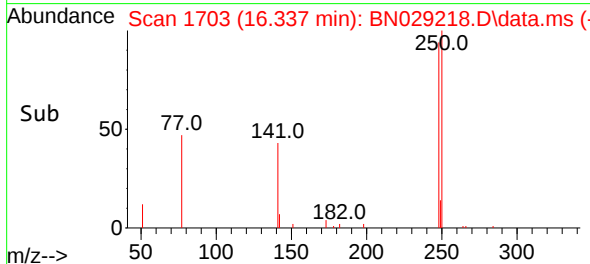
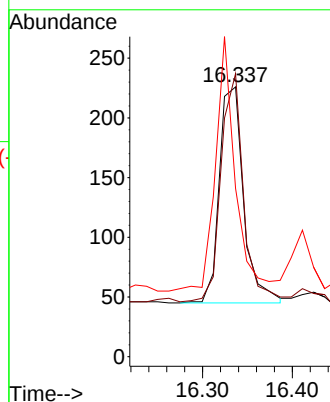
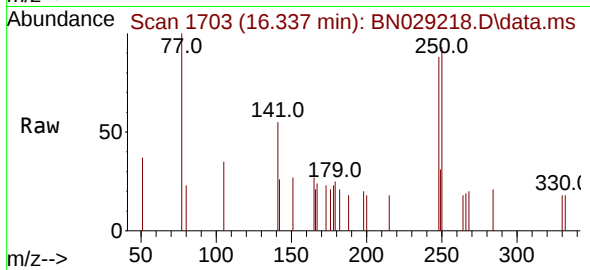
COLTOMS

Tgt Ion:248 Resp: 34.0
Ion Ratio Lower Upper
248 100
250 104.9 80.8 121.2
141 62.4 58.6 87.8

Manual Integrations

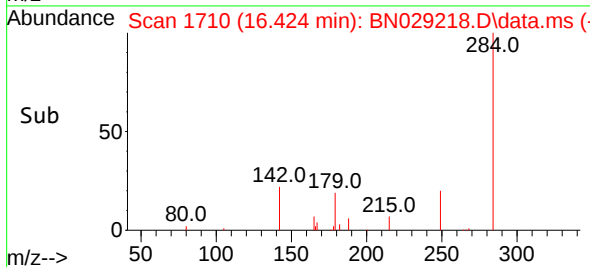
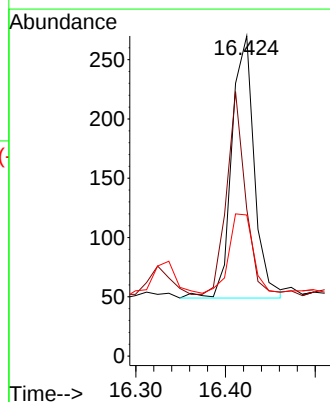
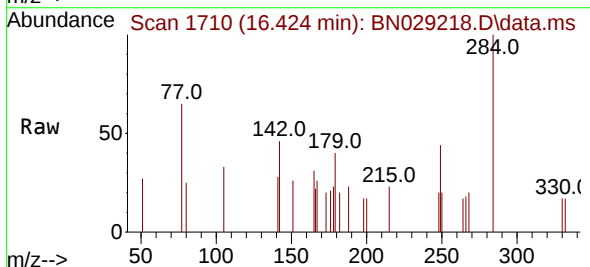
APPROVED

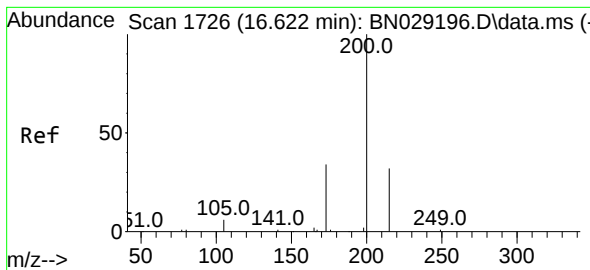
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#22
Hexachlorobenzene
Concen: 0.196 ng
RT: 16.424 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Tgt Ion:284 Resp: 384
Ion Ratio Lower Upper
284 100
142 64.3 49.9 74.9
249 32.6 26.3 39.5





#23

Atrazine

Concen: 0.234 ng

RT: 16.622 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN029218.D

Acq: 28 Dec 2023 17:24

Instrument :

BNA_N

ClientSampleId :

COLTOMS

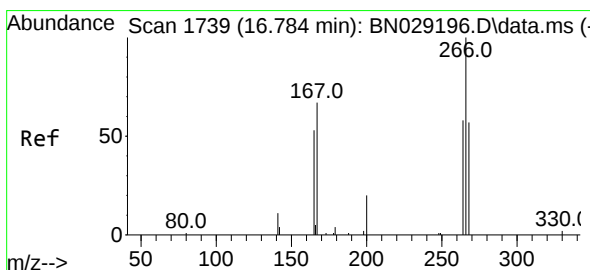
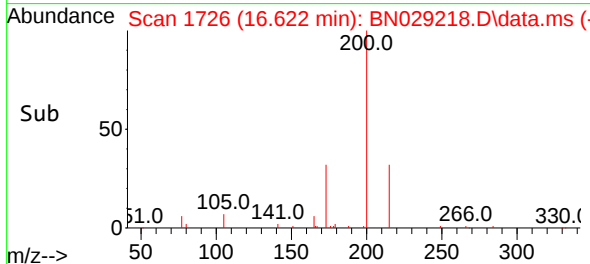
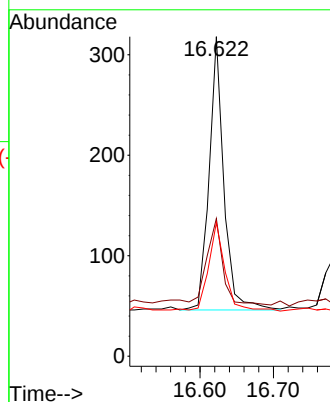
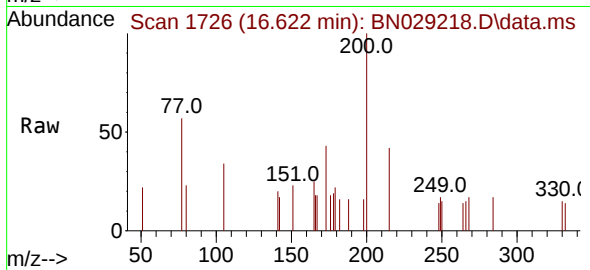
Tgt Ion:	200	Resp:	379
Ion Ratio	Lower	Upper	
200	100		
173	43.1	36.6	54.8
215	41.8	35.3	52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023



#24

Pentachlorophenol

Concen: 0.364 ng

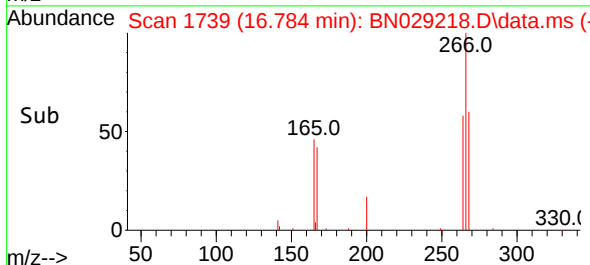
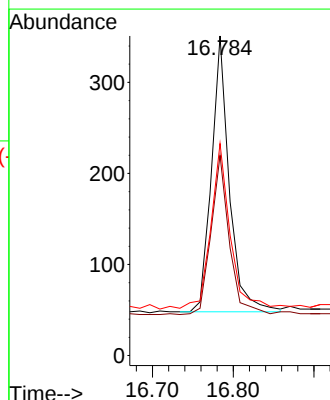
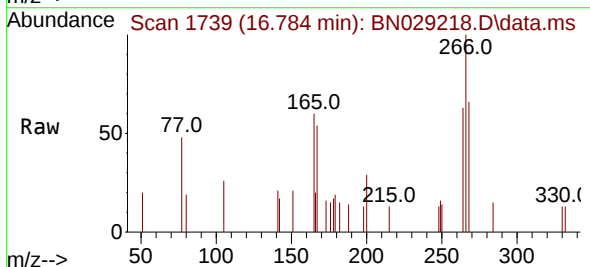
RT: 16.784 min Scan# 1739

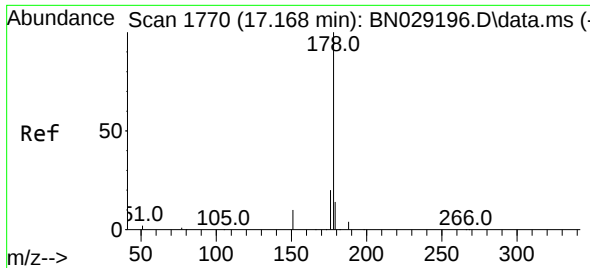
Delta R.T. -0.000 min

Lab File: BN029218.D

Acq: 28 Dec 2023 17:24

Tgt Ion:	266	Resp:	464
Ion Ratio	Lower	Upper	
266	100		
264	60.6	44.4	66.6
268	66.4	49.4	74.2





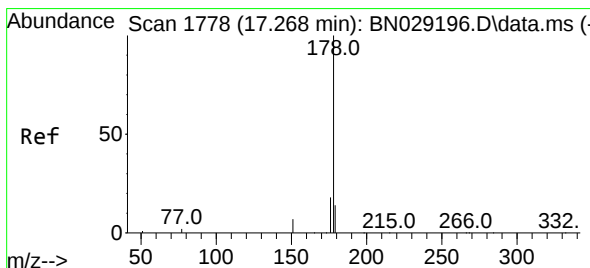
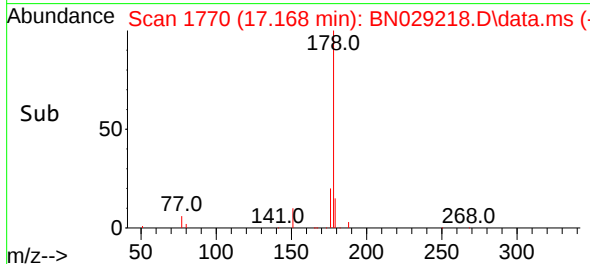
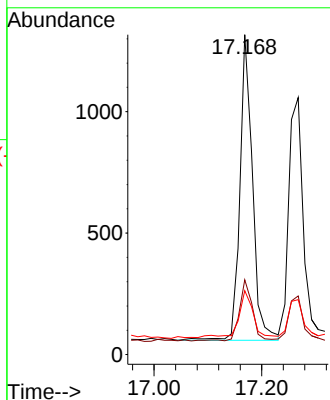
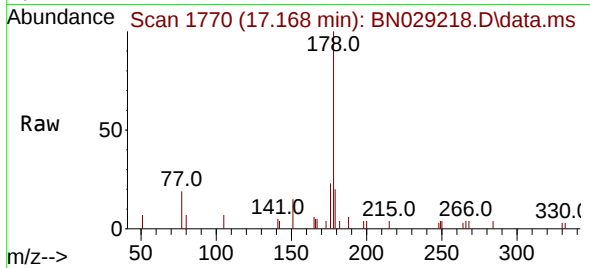
#25
Phenanthrene
Concen: 0.238 ng
RT: 17.168 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Instrument :
BNA_N
ClientSampleId :
COLTOMS

Tgt Ion:178 Resp: 204
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 14.8 12.8 19.2

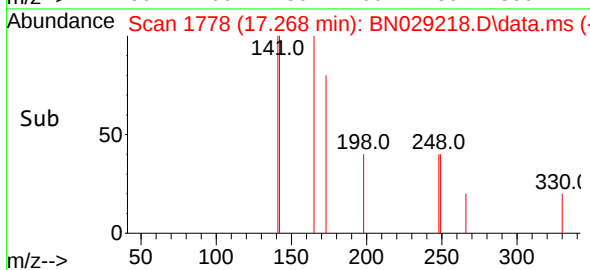
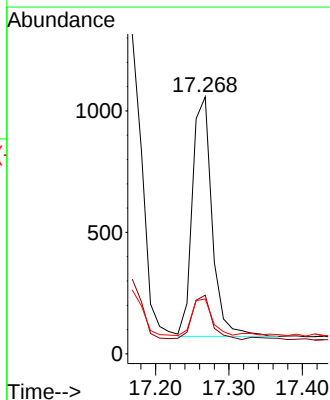
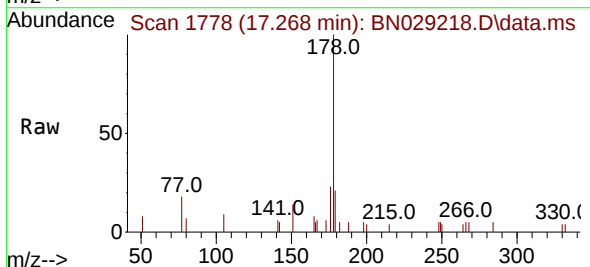
Manual Integrations
APPROVED

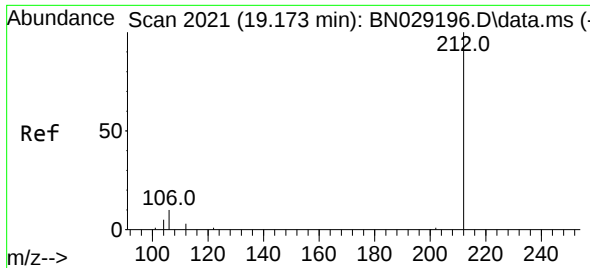
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#26
Anthracene
Concen: 0.220 ng
RT: 17.268 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Tgt Ion:178 Resp: 1842
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 15.7 11.5 17.3





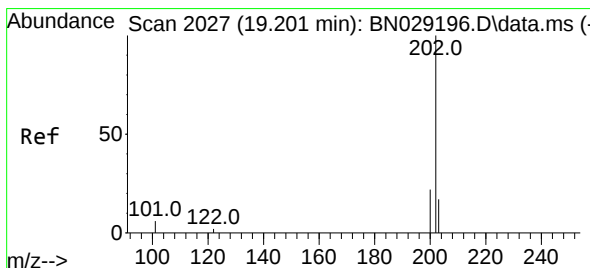
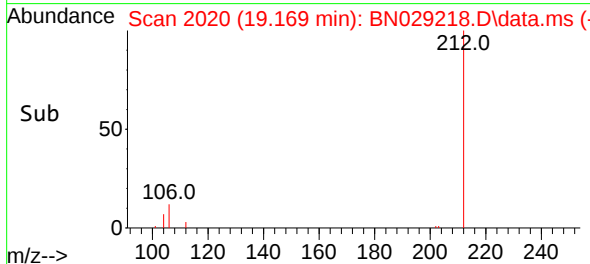
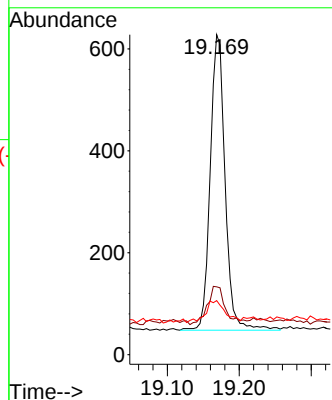
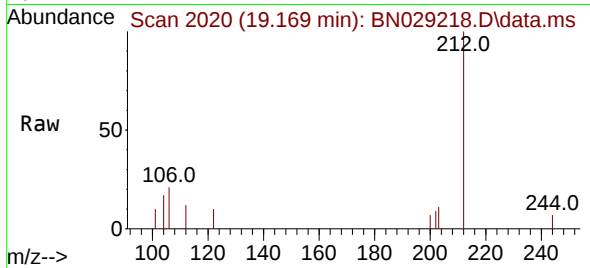
#27
Fluoranthene-d10
Concen: 0.211 ng
RT: 19.169 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Instrument :
BNA_N
ClientSampleId :
COLTOMS

Tgt Ion:212 Resp: 83
Ion Ratio Lower Upper
212 100
106 15.8 9.7 14.5
104 9.6 6.3 9.5

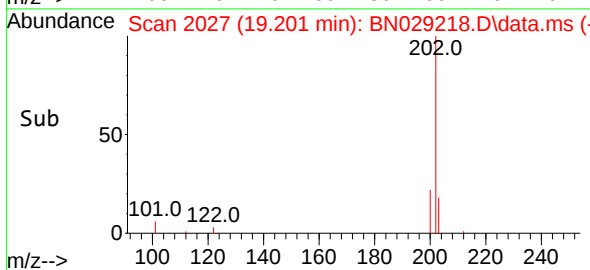
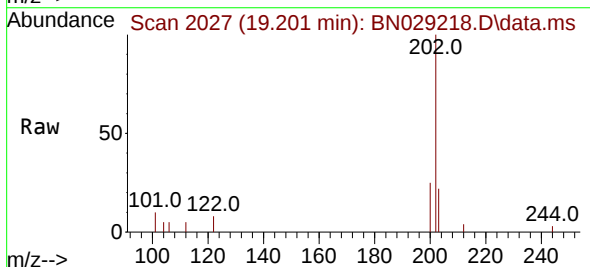
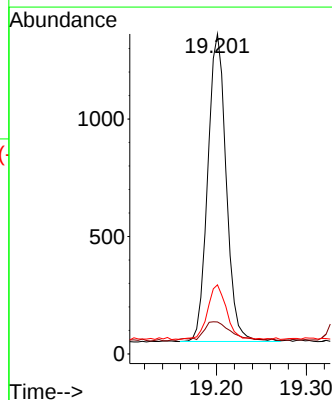
Manual Integrations
APPROVED

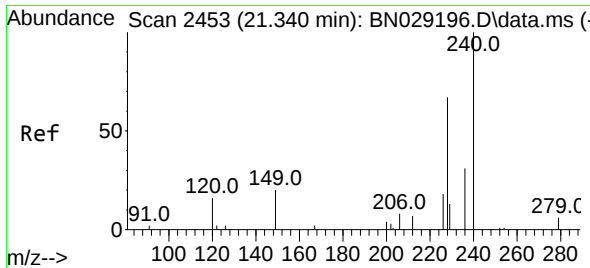
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#28
Fluoranthene
Concen: 0.243 ng
RT: 19.201 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

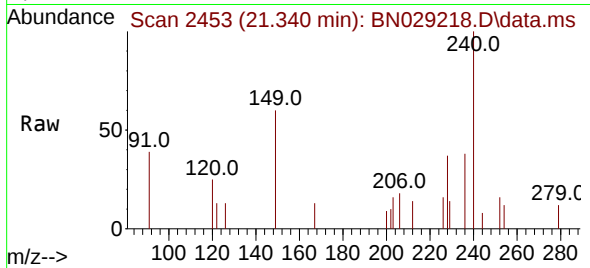
Tgt Ion:202 Resp: 1864
Ion Ratio Lower Upper
202 100
101 9.4 5.8 8.6
203 18.1 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

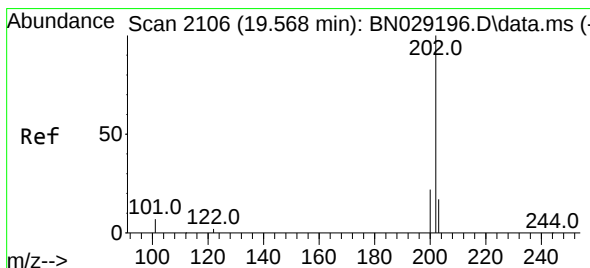
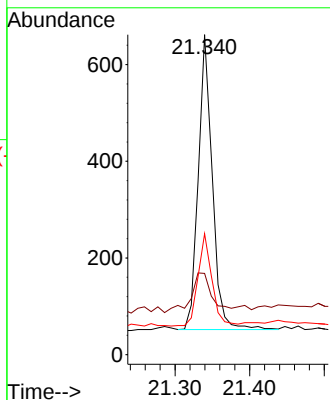
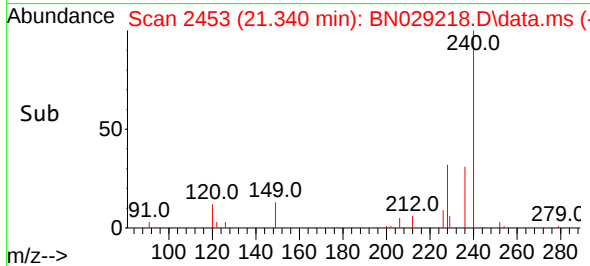
Instrument :
BNA_N
ClientSampleId :
COLTOMS



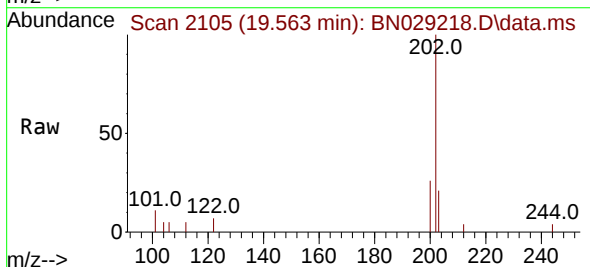
Tgt Ion:240 Resp: 791
Ion Ratio Lower Upper
240 100
120 25.4 24.6 36.8
236 37.8 32.0 48.0

Manual Integrations
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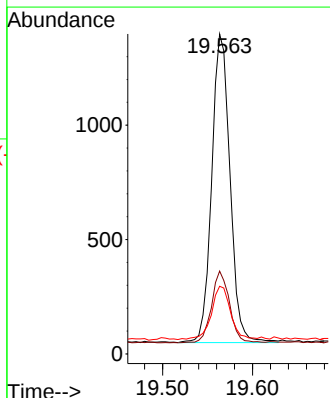
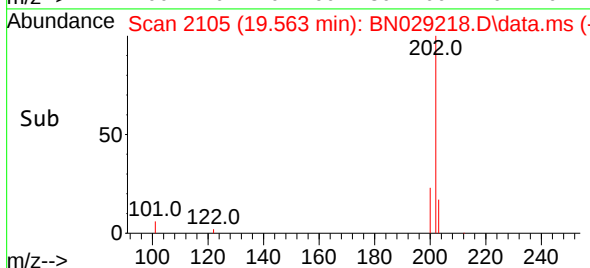
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

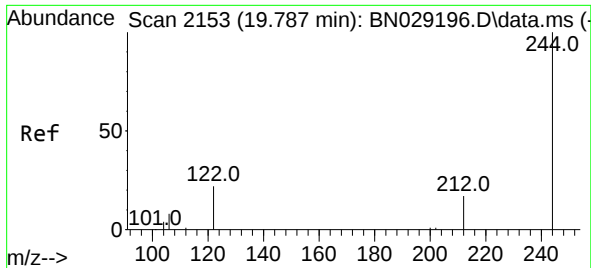


#30
Pyrene
Concen: 0.237 ng
RT: 19.563 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24



Tgt Ion:202 Resp: 1901
Ion Ratio Lower Upper
202 100
200 22.8 18.2 27.4
203 18.1 14.8 22.2





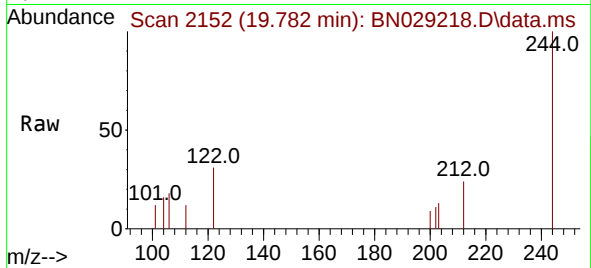
#31
 Terphenyl-d14
 Concen: 0.272 ng
 RT: 19.782 min Scan# 2152
 Delta R.T. -0.005 min
 Lab File: BN029218.D
 Acq: 28 Dec 2023 17:24

Instrument :

BNA_N

ClientSampleId :

COLTOMS

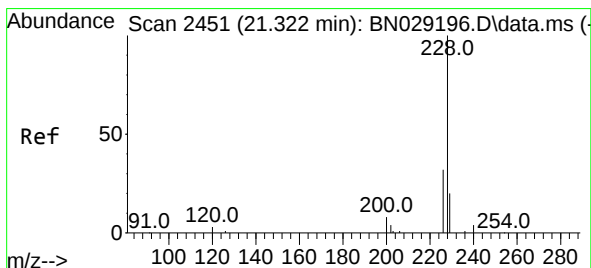
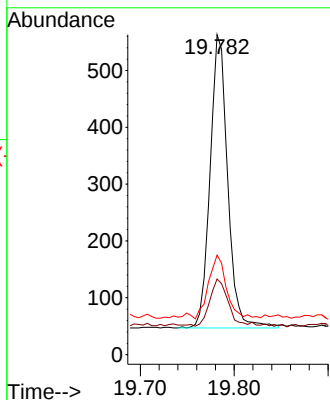
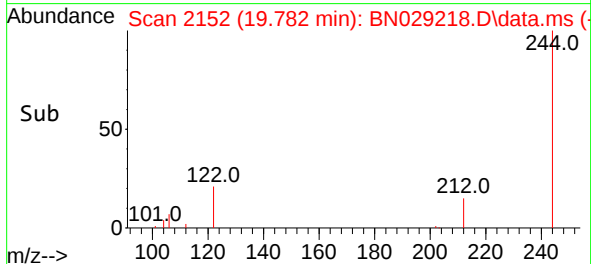


Tgt Ion:244 Resp: 672
 Ion Ratio Lower Upper
 244 100
 212 23.6 20.1 30.1
 122 31.1 23.9 35.9

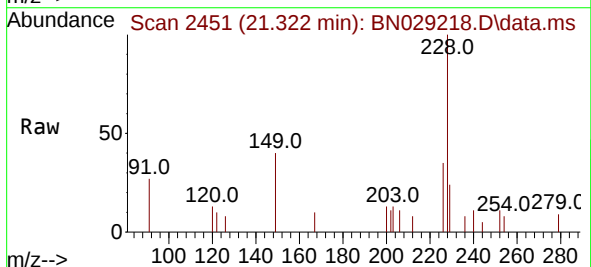
Manual Integrations

APPROVED

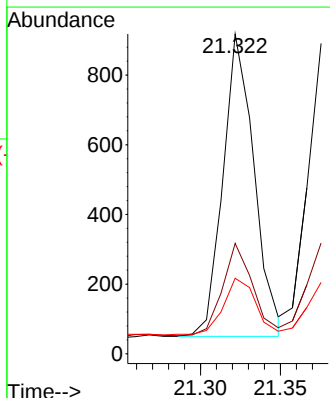
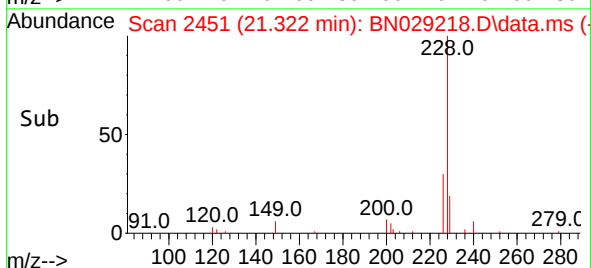
Reviewed By :Yogesh Patel 12/29/2023
 Supervised By :mohammad ahmed 12/29/2023

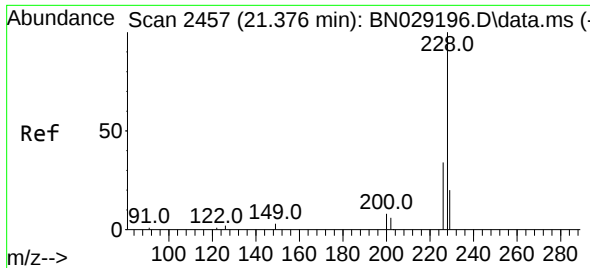


#32
 Benzo(a)anthracene
 Concen: 0.255 ng
 RT: 21.322 min Scan# 2451
 Delta R.T. -0.000 min
 Lab File: BN029218.D
 Acq: 28 Dec 2023 17:24



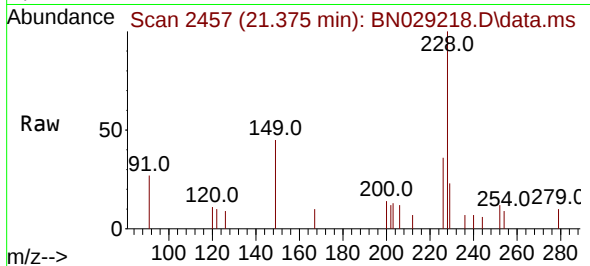
Tgt Ion:228 Resp: 1177
 Ion Ratio Lower Upper
 228 100
 226 34.5 29.0 43.4
 229 23.6 20.1 30.1





#33
Chrysene
Concen: 0.253 ng
RT: 21.375 min Scan# 2457
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

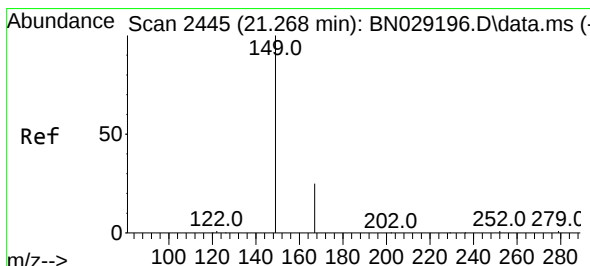
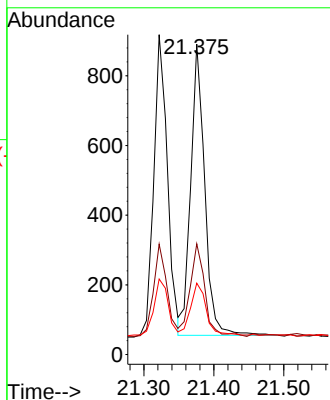
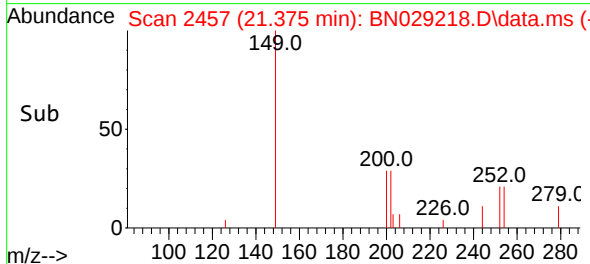
Instrument :
BNA_N
ClientSampleId :
COLTOMS



Tgt Ion: 228 Resp: 116
Ion Ratio Lower Upper
228 100
226 35.7 30.4 45.6
229 23.0 19.8 29.6

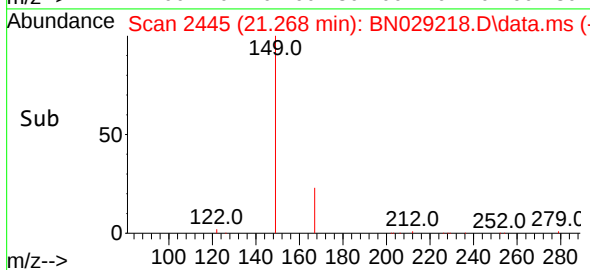
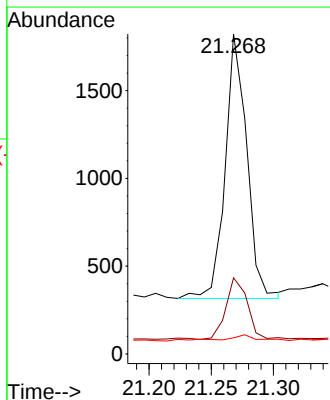
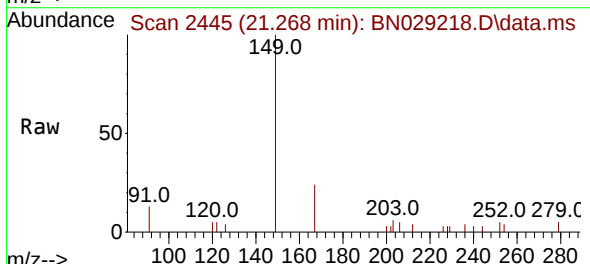
Manual Integrations
APPROVED

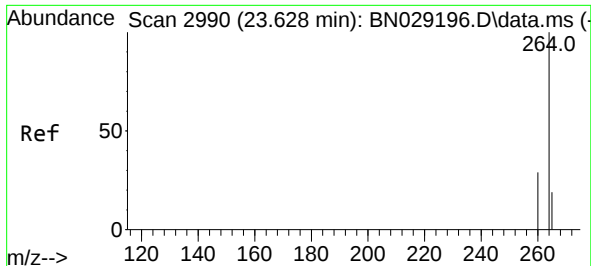
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.273 ng
RT: 21.268 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

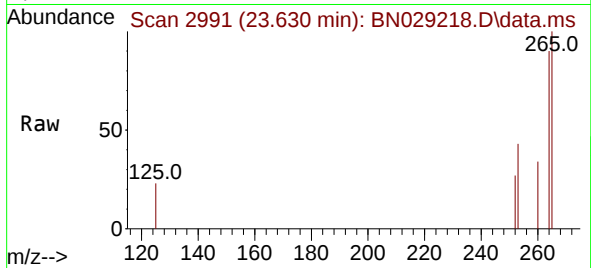
Tgt Ion: 149 Resp: 1824
Ion Ratio Lower Upper
149 100
167 23.4 20.7 31.1
279 3.6 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.630 min Scan# 2991
Delta R.T. 0.003 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

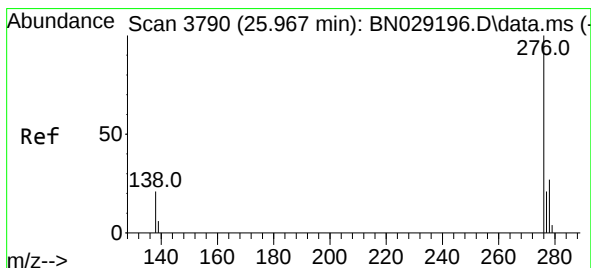
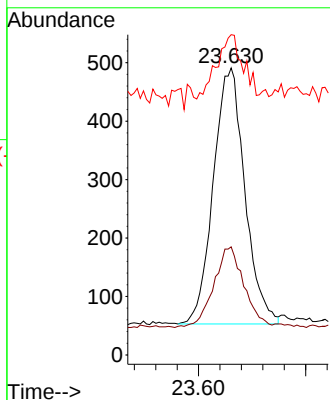
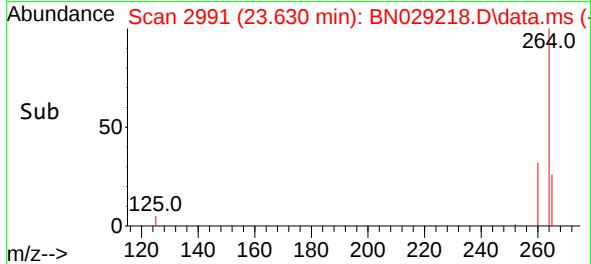
Instrument :
BNA_N
ClientSampleId :
COLTOMS



Tgt Ion:264 Resp: 894
Ion Ratio Lower Upper
264 100
260 37.7 30.2 45.4
265 111.6 88.1 132.1

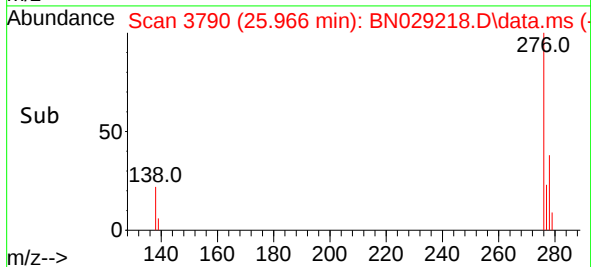
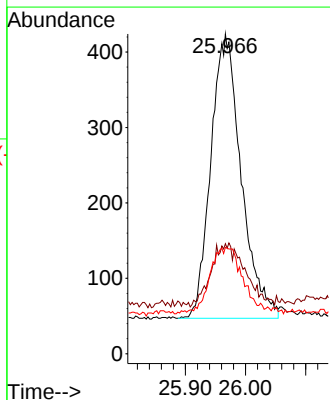
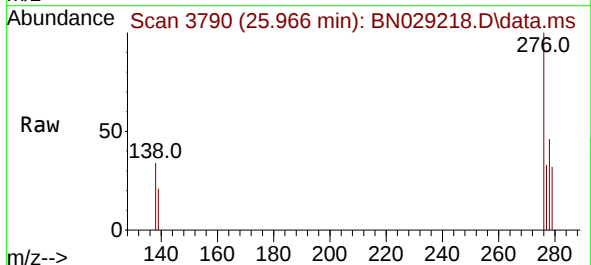
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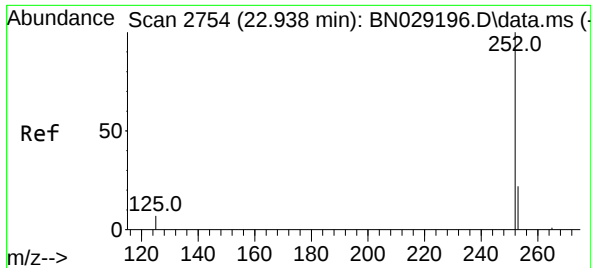
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng
RT: 25.966 min Scan# 3790
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Tgt Ion:276 Resp: 1319
Ion Ratio Lower Upper
276 100
138 15.2 18.4 27.6#
277 10.5 17.2 25.8#





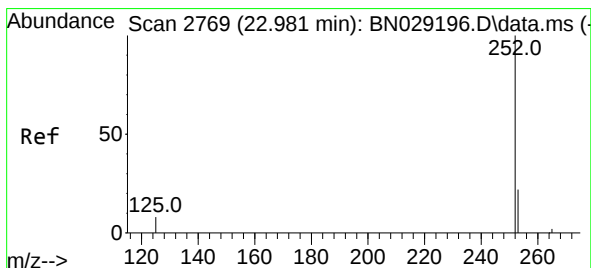
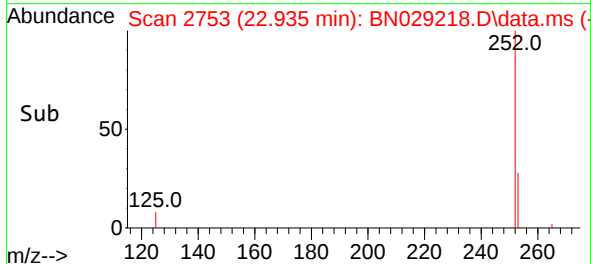
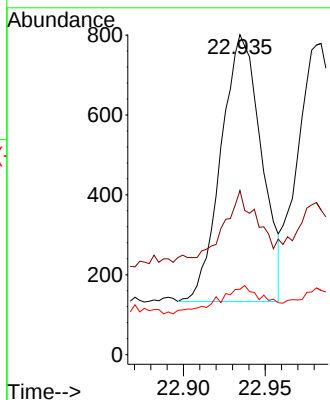
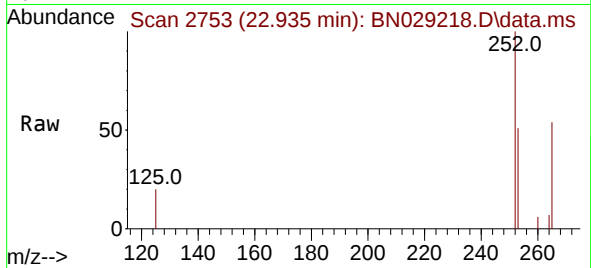
#37
Benzo(b)fluoranthene
Concen: 0.237 ng
RT: 22.935 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

Instrument :
BNA_N
ClientSampleId :
COLTOMS

Tgt Ion:252 Resp: 1140
Ion Ratio Lower Upper
252 100
253 51.3 34.3 51.5
125 20.5 13.4 20.0

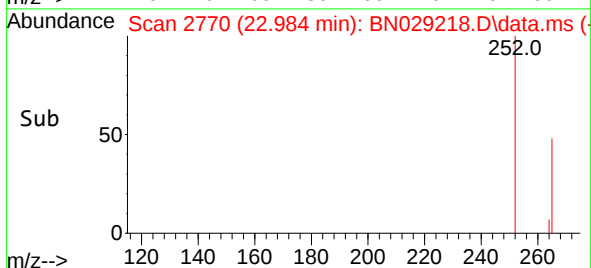
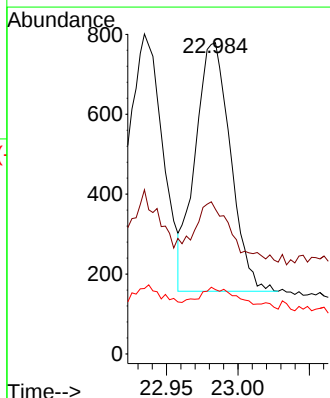
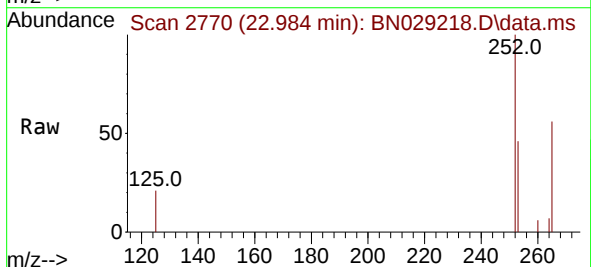
Manual Integrations
APPROVED

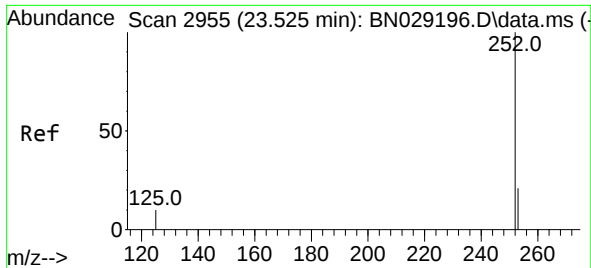
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023



#38
Benzo(k)fluoranthene
Concen: 0.229 ng
RT: 22.984 min Scan# 2770
Delta R.T. 0.003 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

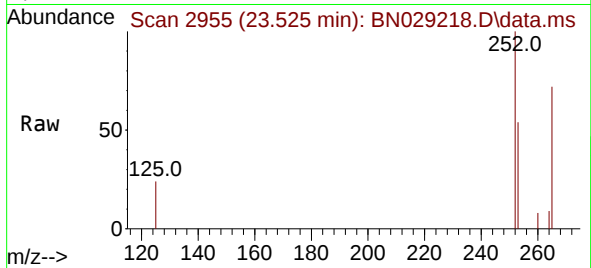
Tgt Ion:252 Resp: 1074
Ion Ratio Lower Upper
252 100
253 46.5 33.4 50.0
125 20.7 13.9 20.9





#39
Benzo(a)pyrene
Concen: 0.224 ng
RT: 23.525 min Scan# 2955
Delta R.T. -0.000 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24

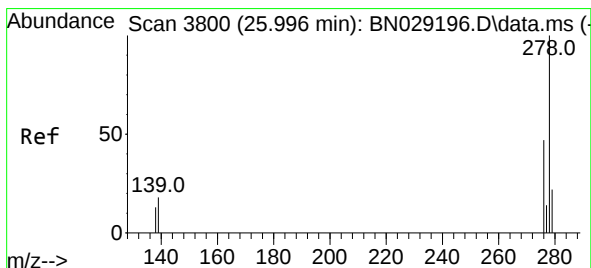
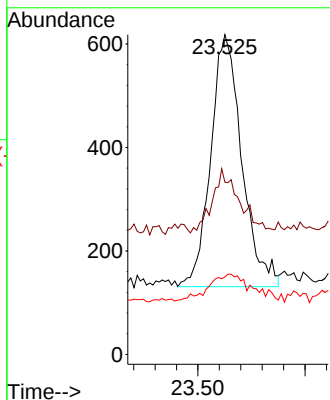
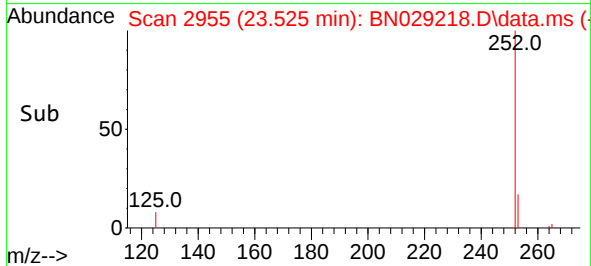
Instrument :
BNA_N
ClientSampleId :
COLTOMS



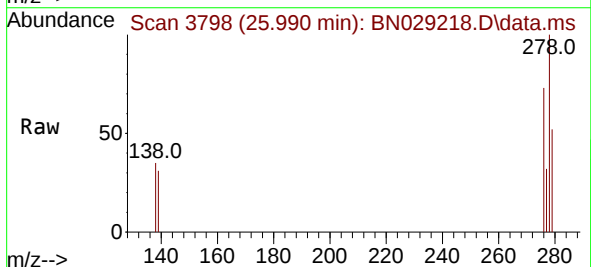
Tgt Ion:252 Resp: 98.3
Ion Ratio Lower Upper
252 100
253 53.9 38.9 58.3
125 24.3 18.3 27.5

Manual Integrations
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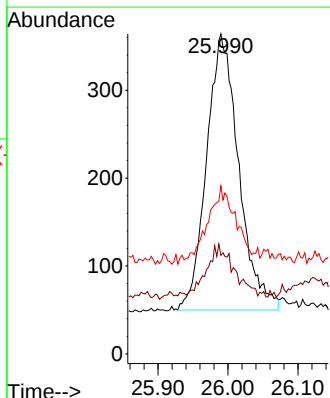
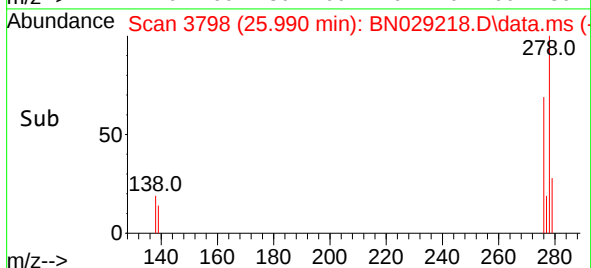
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

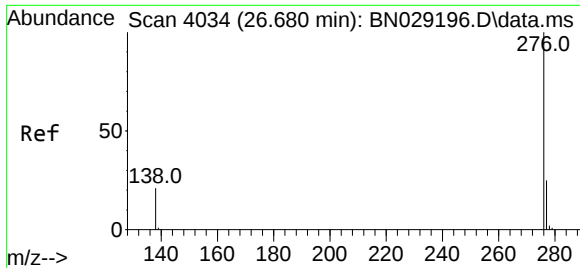


#40
Dibenzo(a,h)anthracene
Concen: 0.211 ng
RT: 25.990 min Scan# 3798
Delta R.T. -0.006 min
Lab File: BN029218.D
Acq: 28 Dec 2023 17:24



Tgt Ion:278 Resp: 100.1
Ion Ratio Lower Upper
278 100
139 30.8 22.9 34.3
279 52.5 32.3 48.5





#41

Benzo(g,h,i)perylene

Concen: 0.207 ng

RT: 26.677 min Scan# 4033

Delta R.T. -0.003 min

Lab File: BN029218.D

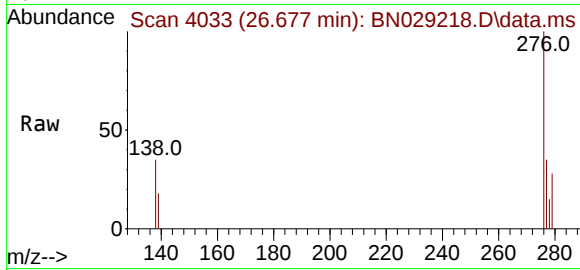
Acq: 28 Dec 2023 17:24

Instrument :

BNA_N

ClientSampleId :

COLTOMS



Tgt Ion:276 Resp: 1088

Ion Ratio Lower Upper

276 100

277 35.0 26.4 39.6

138 34.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/29/2023

Supervised By :mohammad ahmed 12/29/2023

