

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
 Data File : BN027777.D
 Acq On : 20 Sep 2023 23:29
 Operator : MA/JU
 Sample : 04367-02MSD 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PILE-2MSD

Quant Time: Sep 21 04:24:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 20 13:45:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	4121	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	13579	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	7633	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	18715	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	19624	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	20340	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	399	0.038	ng	0.00
5) Phenol-d6	7.156	99	455	0.035	ng	0.00
8) Nitrobenzene-d5	9.208	82	447	0.042	ng	0.00
11) 2-Methylnaphthalene-d10	12.407	152	591	0.030	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	100	0.031	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	938	0.036	ng	0.00
27) Fluoranthene-d10	19.416	212	1787	0.037	ng	0.00
31) Terphenyl-d14	20.001	244	1670	0.044	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	250	0.050	ng	# 63
3) n-Nitrosodimethylamine	3.776	42	228	0.039	ng	# 85
6) bis(2-Chloroethyl)ether	7.445	93	558	0.044	ng	96
9) Naphthalene	10.885	128	7669	0.204	ng	99
10) Hexachlorobutadiene	11.109	225	291	0.044	ng	# 99
12) 2-Methylnaphthalene	12.483	142	3117	0.119	ng	97
16) Acenaphthylene	14.373	152	21014	0.644	ng	100
17) Acenaphthene	14.705	154	5860	0.253	ng	99
18) Fluorene	15.680	166	8378	0.250	ng	98
21) 4-Bromophenyl-phenylether	16.574	248	360	0.038	ng	# 65
22) Hexachlorobenzene	16.661	284	509	0.047	ng	89
23) Atrazine	16.847	200	338	0.048	ng	# 78
24) Pentachlorophenol	17.021	266	2160	0.598	ng	98
25) Phenanthrene	17.430	178	157243	2.872	ng	100
26) Anthracene	17.530	178	41453	0.885	ng	99
28) Fluoranthene	19.449	202	292026	4.340	ng	99
30) Pyrene	19.816	202	275077	3.902	ng	99
32) Benzo(a)anthracene	21.551	228	154277	2.265	ng	97
33) Chrysene	21.605	228	140282	1.871	ng	97
34) Bis(2-ethylhexyl)phtha...	21.426	149	12626	0.419	ng	96
36) Indeno(1,2,3-cd)pyrene	26.679	276	96915	1.120	ng	94
37) Benzo(b)fluoranthene	23.294	252	190349	2.367	ng	95
38) Benzo(k)fluoranthene	23.338	252	61044m	0.748	ng	
39) Benzo(a)pyrene	23.952	252	140113m	1.918	ng	
40) Dibenzo(a,h)anthracene	26.700	278	23629m	0.335	ng	
41) Benzo(g,h,i)perylene	27.510	276	102634	1.314	ng	98

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

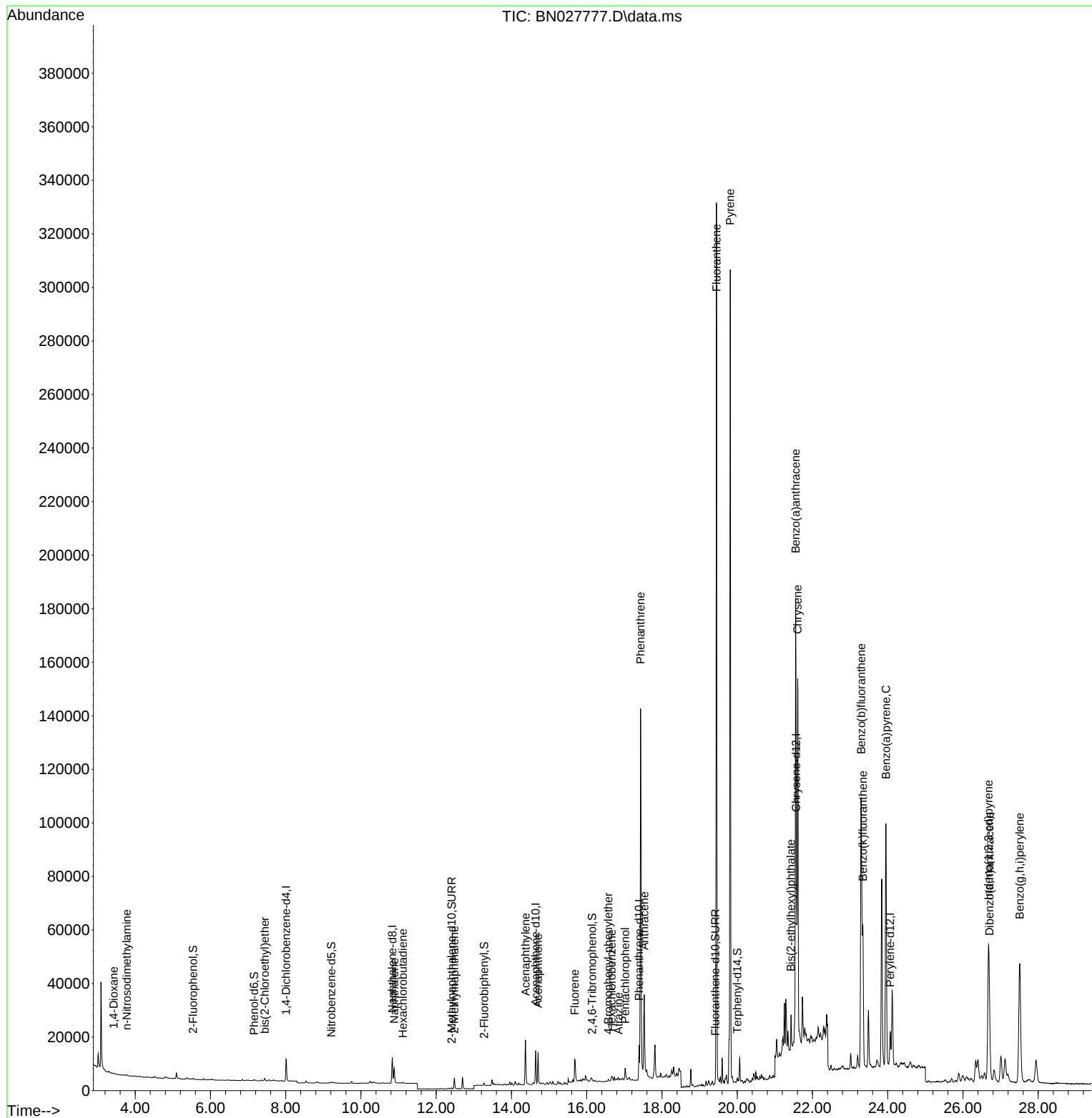
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027777.D
Acq On : 20 Sep 2023 23:29
Operator : MA/JU
Sample : 04367-02MSD 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

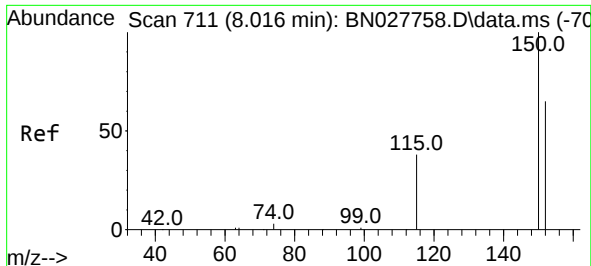
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD

Quant Time: Sep 21 04:24:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 20 13:45:42 2023
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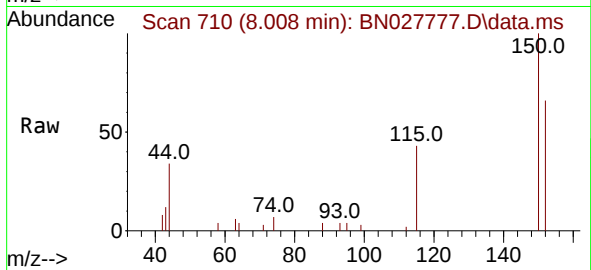
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.008 min Scan# 711
Delta R.T. -0.008 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

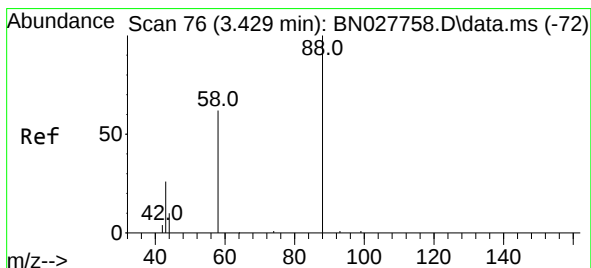
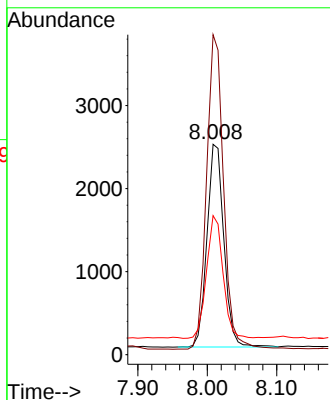
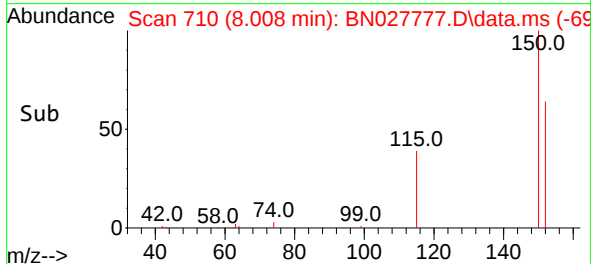
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion: 152 Resp: 412
Ion Ratio Lower Upper
152 100
150 152.1 120.2 180.2
115 66.1 54.5 81.7

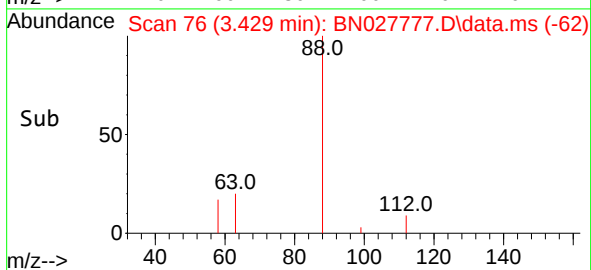
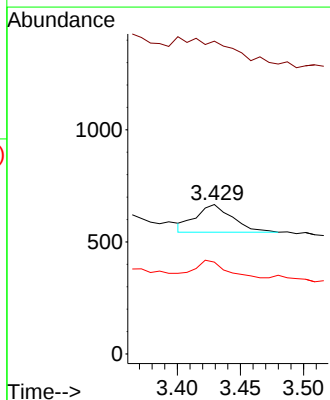
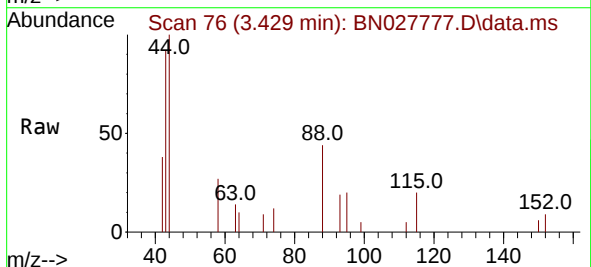
Manual Integrations
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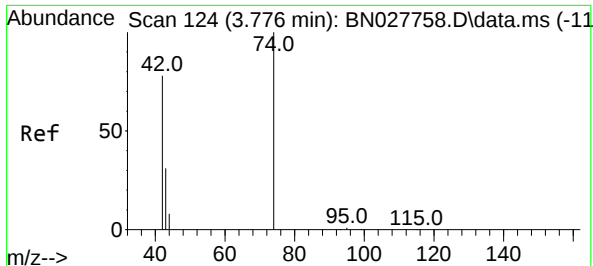
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#2
1,4-Dioxane
Concen: 0.050 ng
RT: 3.429 min Scan# 76
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

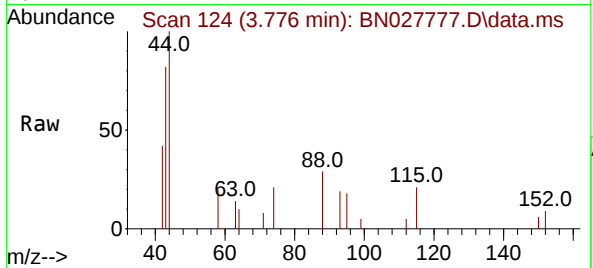
Tgt Ion: 88 Resp: 250
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.6#
58 50.8 59.0 88.6#





#3
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.776 min Scan# 124
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

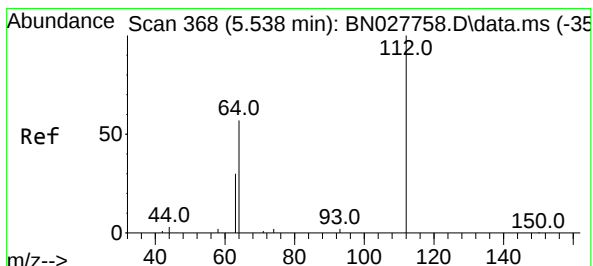
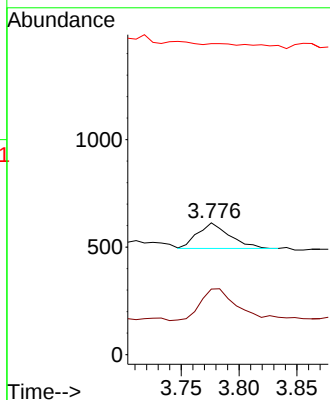
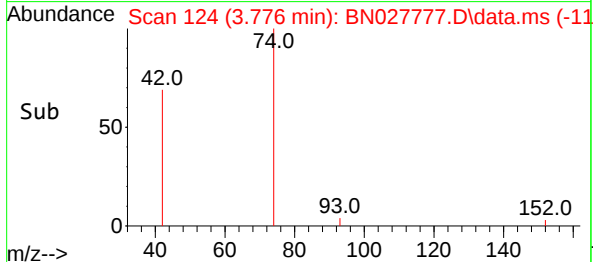
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion: 42 Resp: 228
Ion Ratio Lower Upper
42 100
74 146.9 105.6 158.4
44 0.0 12.3 18.5

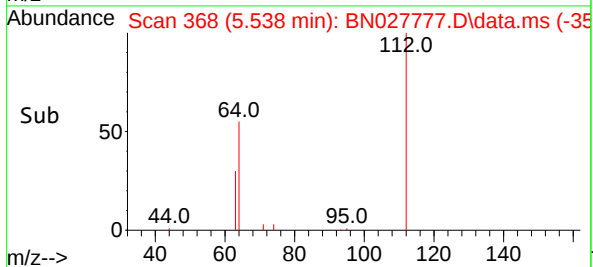
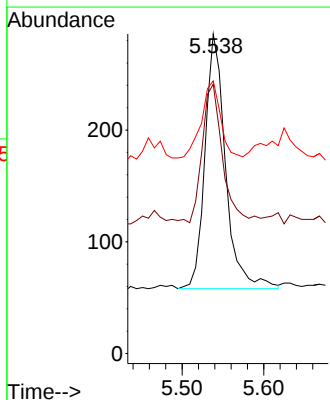
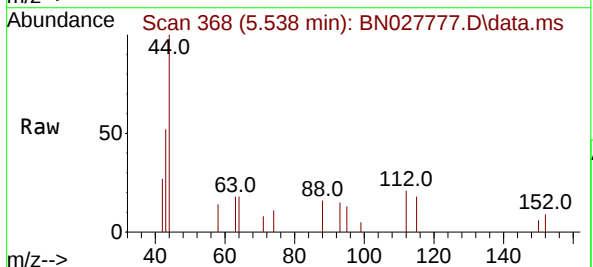
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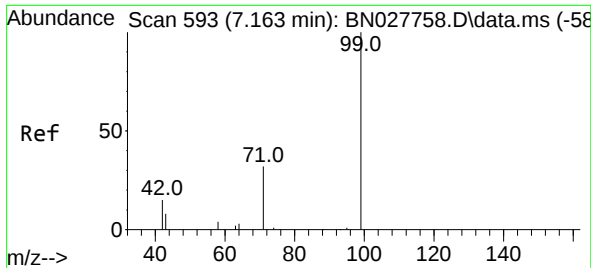
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#4
2-Fluorophenol
Concen: 0.038 ng
RT: 5.538 min Scan# 368
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

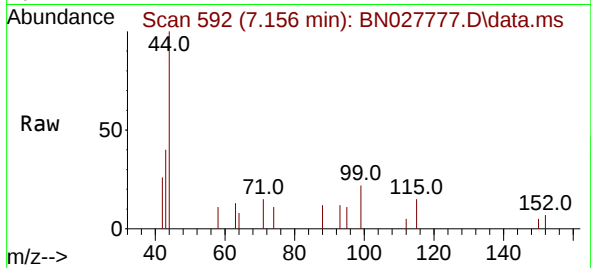
Tgt Ion:112 Resp: 399
Ion Ratio Lower Upper
112 100
64 51.4 46.1 69.1
63 28.1 24.0 36.0





#5
Phenol-d6
Concen: 0.035 ng
RT: 7.156 min Scan# 592
Delta R.T. -0.007 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

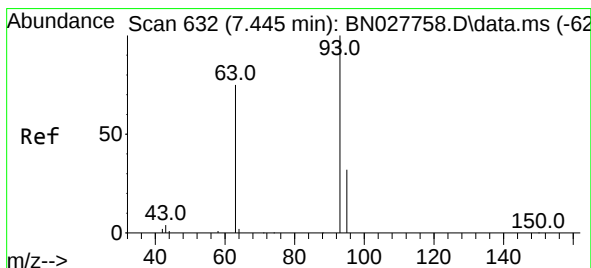
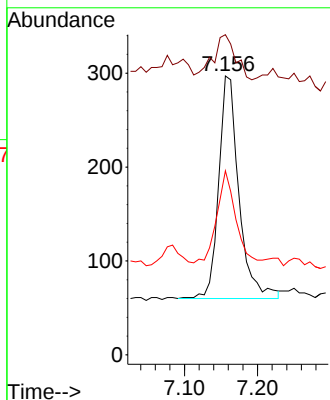
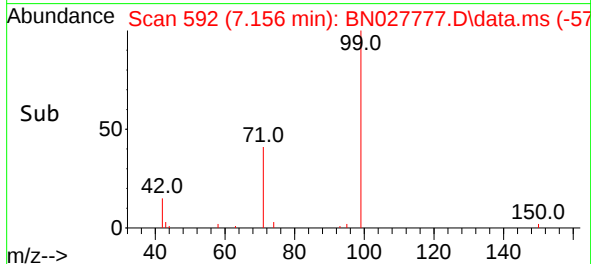
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion: 99 Resp: 458
Ion Ratio Lower Upper
99 100
42 21.8 16.6 25.0
71 40.2 28.1 42.1

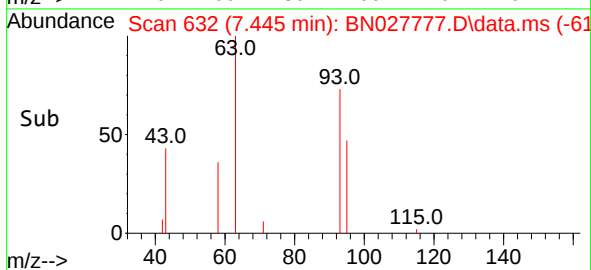
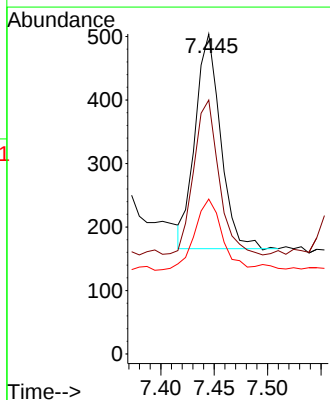
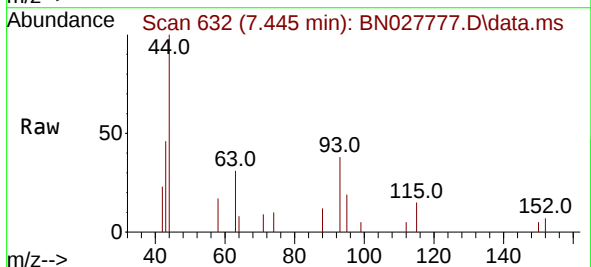
Manual Integrations
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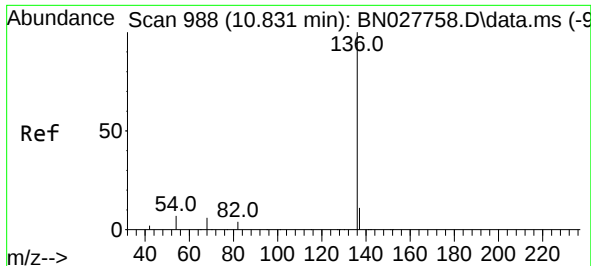
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 7.445 min Scan# 632
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

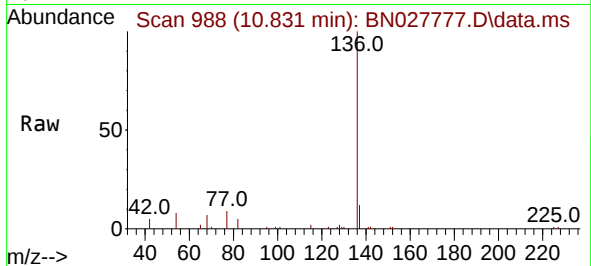
Tgt Ion: 93 Resp: 558
Ion Ratio Lower Upper
93 100
63 72.6 59.5 89.3
95 36.4 26.0 39.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

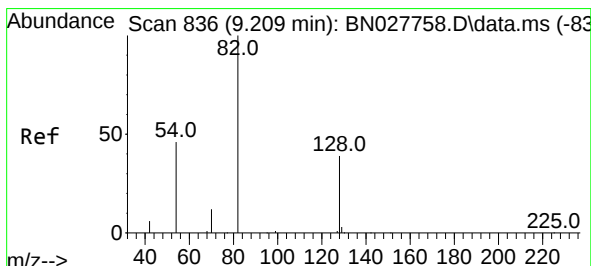
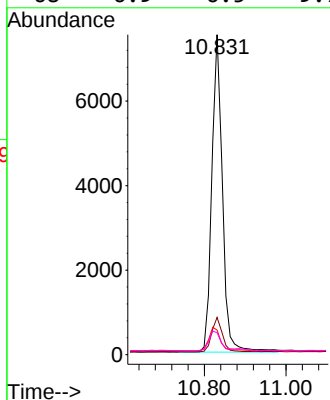
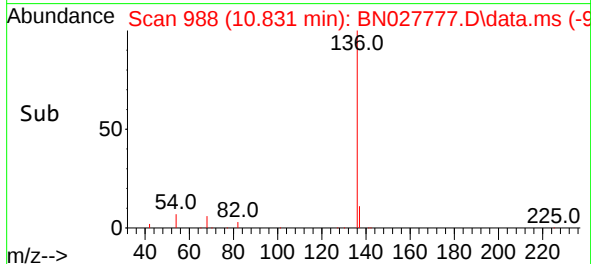
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion:136 Resp: 13579
Ion Ratio Lower Upper
136 100
137 11.7 10.1 15.1
54 7.7 7.4 11.0
68 6.9 6.5 9.7

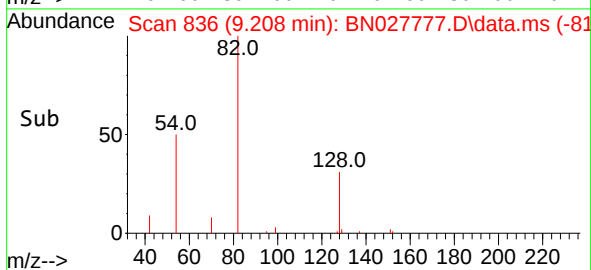
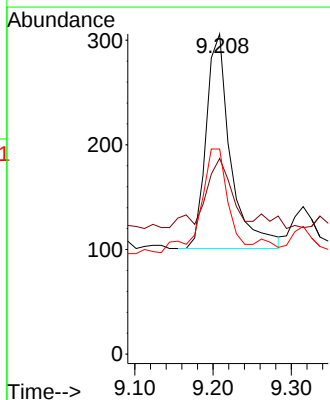
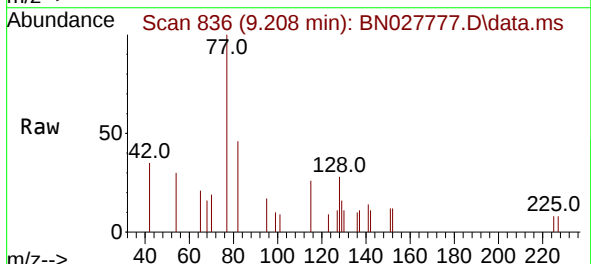
Manual Integrations
APPROVED

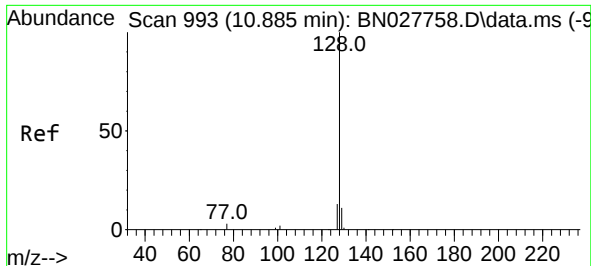
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#8
Nitrobenzene-d5
Concen: 0.042 ng
RT: 9.208 min Scan# 836
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

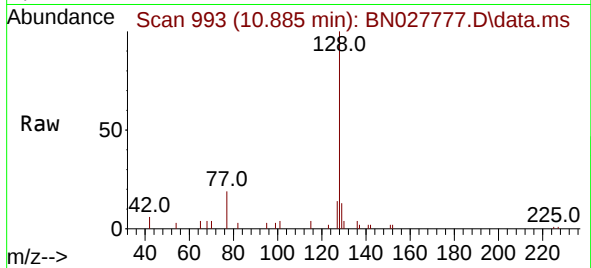
Tgt Ion: 82 Resp: 447
Ion Ratio Lower Upper
82 100
128 61.1 36.8 55.2#
54 64.1 39.9 59.9#





#9
Naphthalene
Concen: 0.204 ng
RT: 10.885 min Scan# 993
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

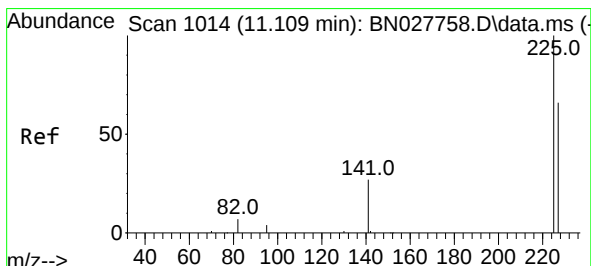
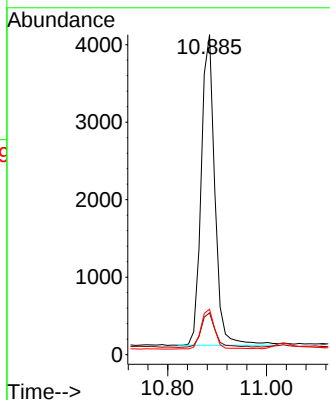
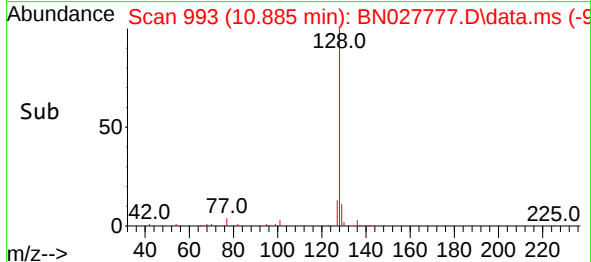
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion:128 Resp: 7669
Ion Ratio Lower Upper
128 100
129 13.1 10.2 15.2
127 14.2 11.1 16.7

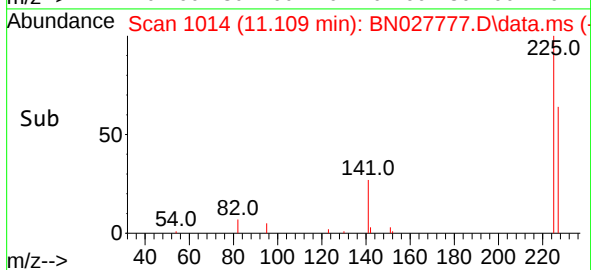
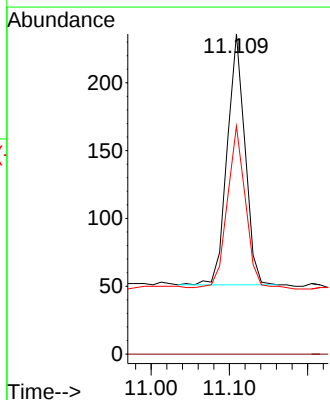
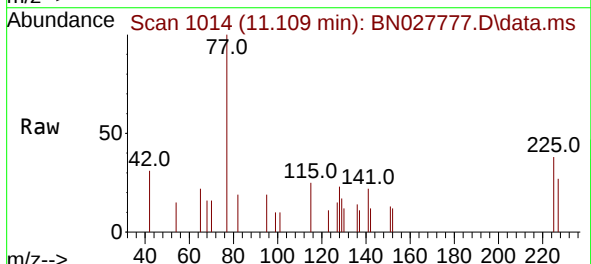
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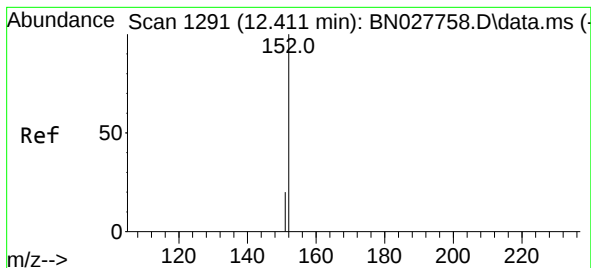
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#10
Hexachlorobutadiene
Concen: 0.044 ng
RT: 11.109 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

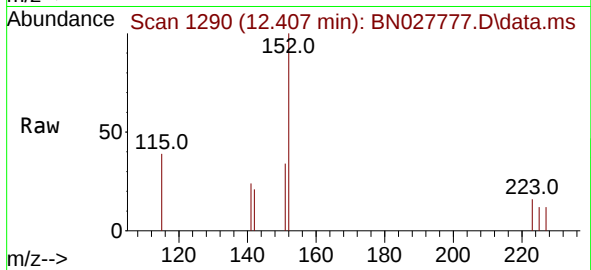
Tgt Ion:225 Resp: 291
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.9 51.4 77.0





#11
2-Methylnaphthalene-d10
Concen: 0.030 ng
RT: 12.407 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

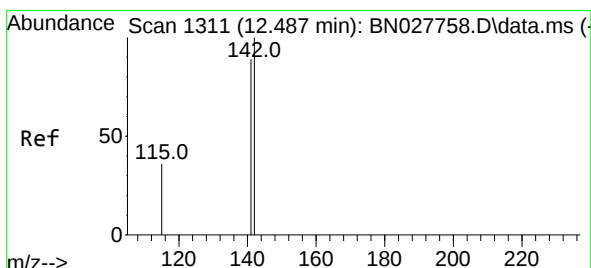
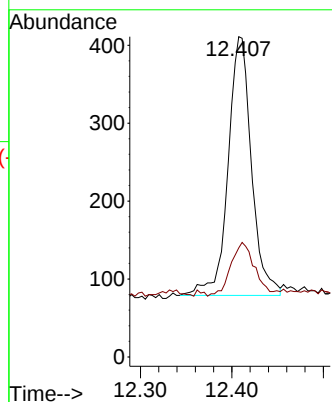
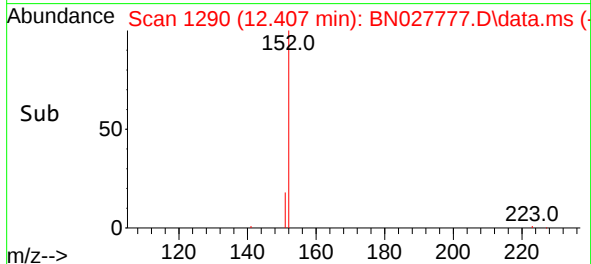
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



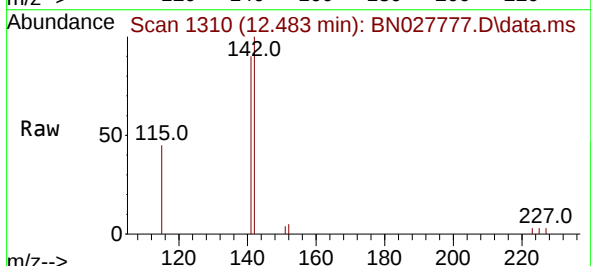
Tgt Ion:152 Resp: 59
Ion Ratio Lower Upper
152 100
151 21.3 15.6 23.4

Manual Integrations
APPROVED

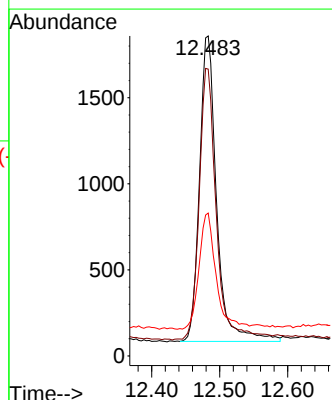
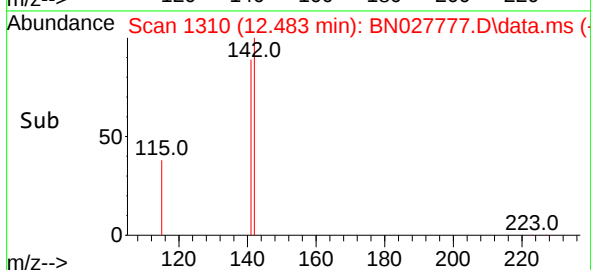
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

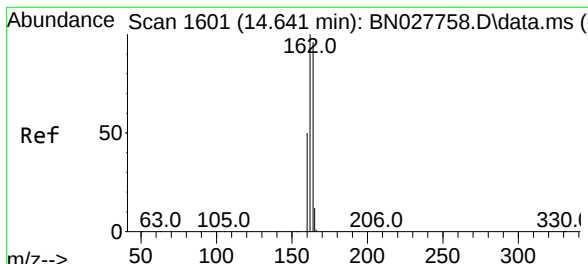


#12
2-Methylnaphthalene
Concen: 0.119 ng
RT: 12.483 min Scan# 1310
Delta R.T. -0.004 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29



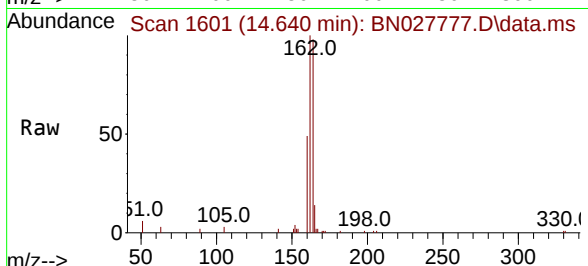
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Ion Ratio Lower Upper
142 100
141 89.7 71.5 107.3
115 44.6 31.8 47.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

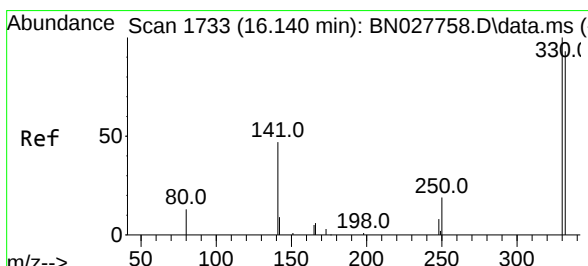
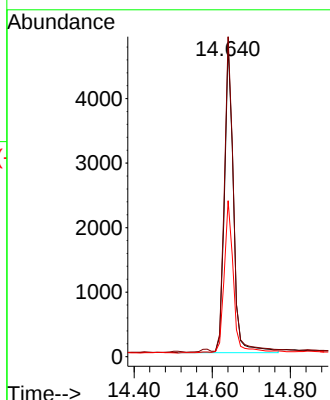
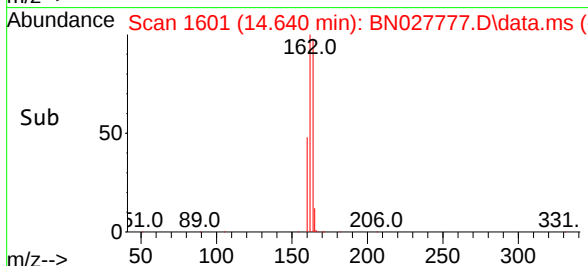
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



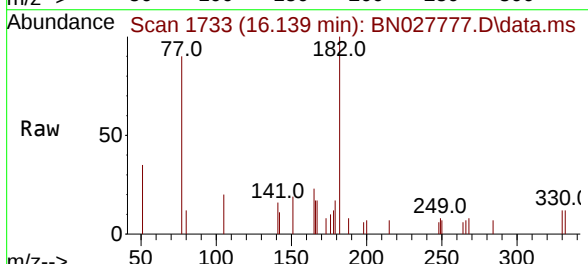
Tgt Ion:164 Resp: 763
Ion Ratio Lower Upper
164 100
162 102.4 83.6 125.4
160 49.9 42.6 64.0

Manual Integrations
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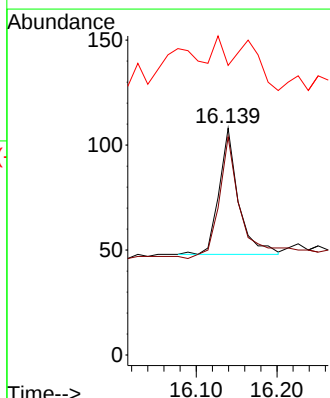
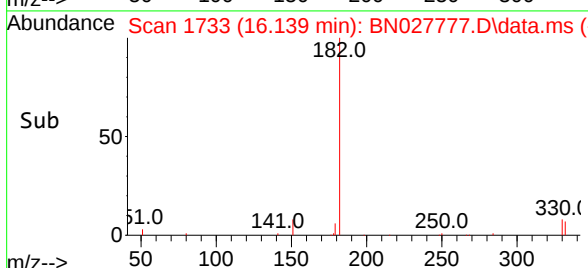
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

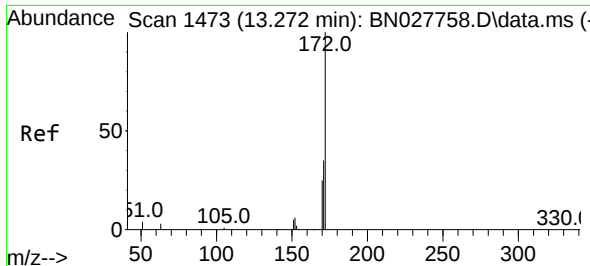


#14
2,4,6-Tribromophenol
Concen: 0.031 ng
RT: 16.139 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29



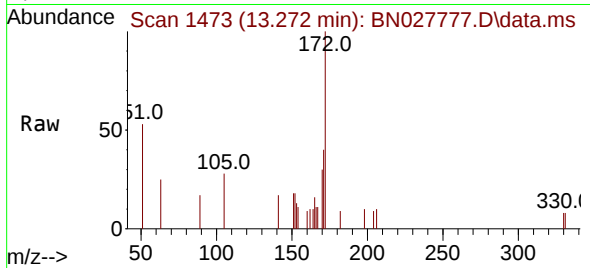
Tgt Ion:330 Resp: 100
Ion Ratio Lower Upper
330 100
332 112.0 77.0 115.4
141 10.0 38.1 57.1#





#15
2-Fluorobiphenyl
Concen: 0.036 ng
RT: 13.272 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

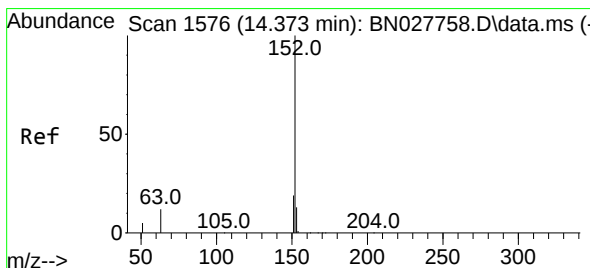
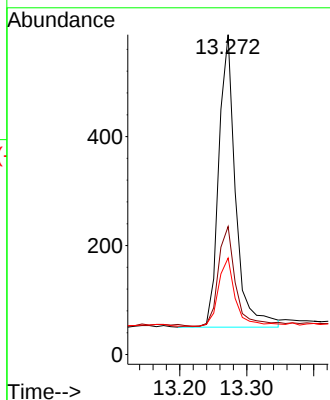
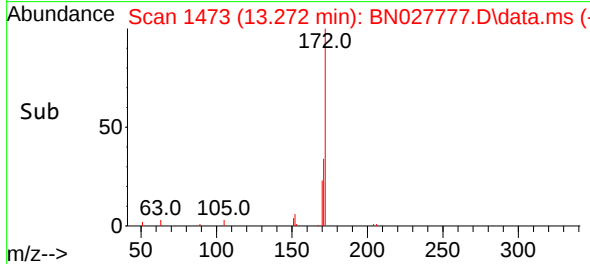
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



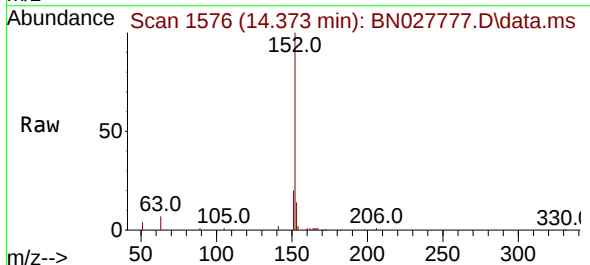
Tgt Ion:172 Resp: 938
Ion Ratio Lower Upper
172 100
171 40.0 29.3 43.9
170 30.2 20.8 31.2

Manual Integrations
APPROVED

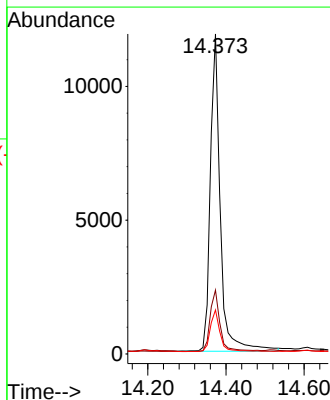
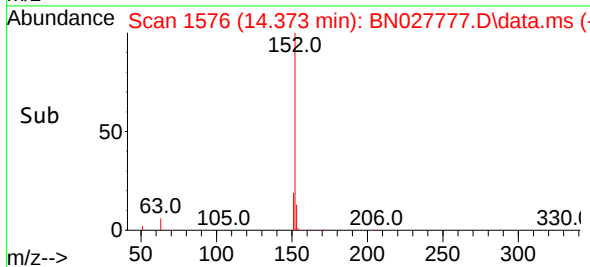
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

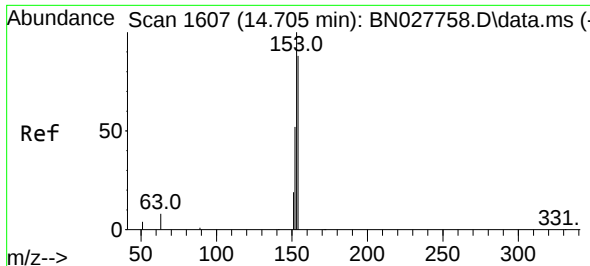


#16
Acenaphthylene
Concen: 0.644 ng
RT: 14.373 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29



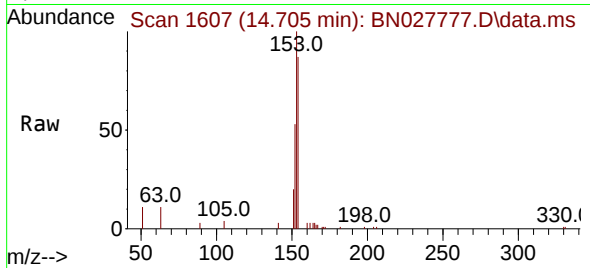
Tgt Ion:152 Resp: 21014
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 13.0 10.6 15.8





#17
Acenaphthene
Concen: 0.253 ng
RT: 14.705 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

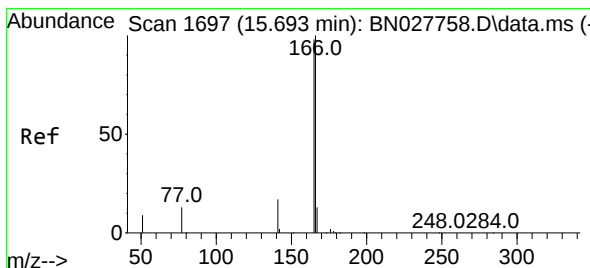
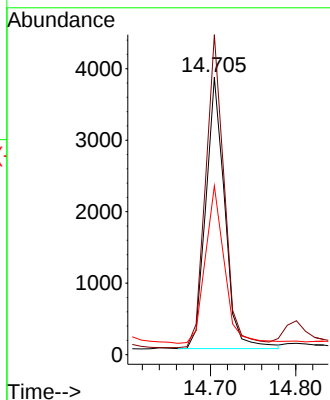
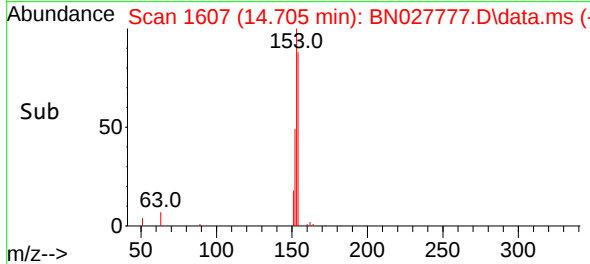
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion:154 Resp: 5860
Ion Ratio Lower Upper
154 100
153 114.6 91.0 136.6
152 59.4 47.4 71.2

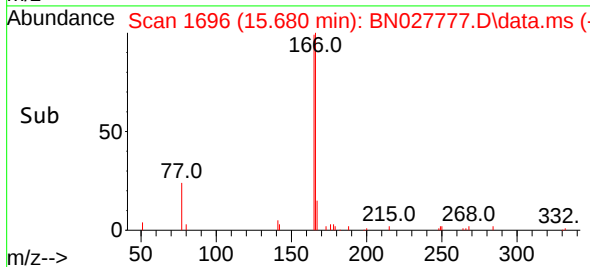
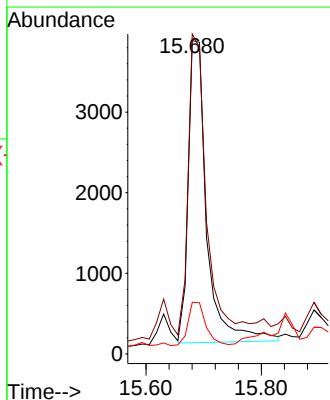
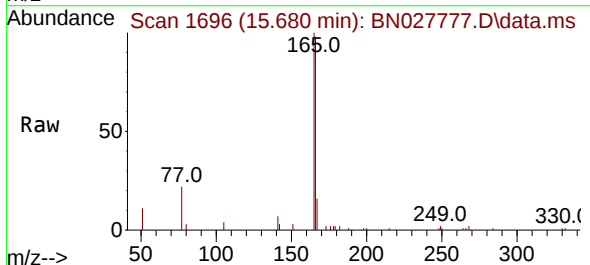
Manual Integrations
APPROVED

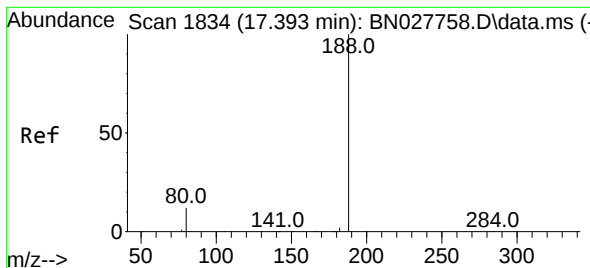
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#18
Fluorene
Concen: 0.250 ng
RT: 15.680 min Scan# 1696
Delta R.T. -0.013 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

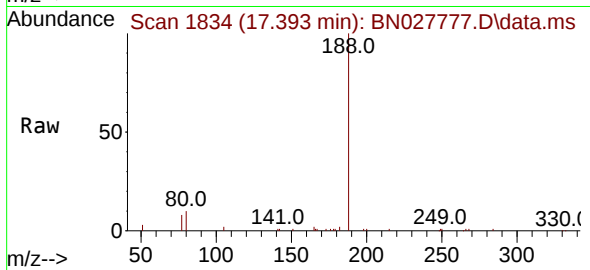
Tgt Ion:166 Resp: 8378
Ion Ratio Lower Upper
166 100
165 97.3 79.3 118.9
167 13.8 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

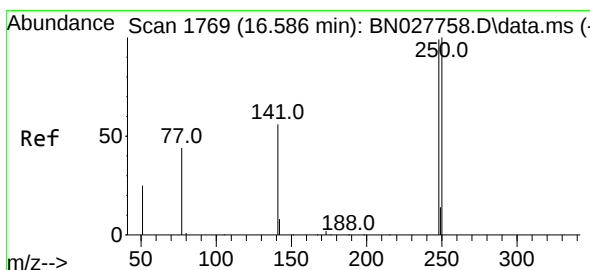
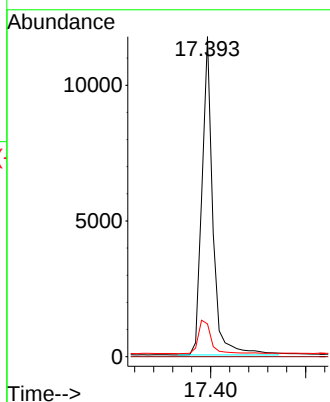
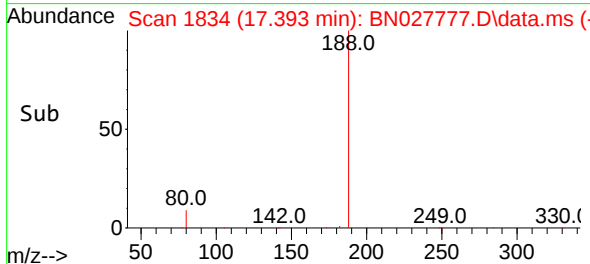
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



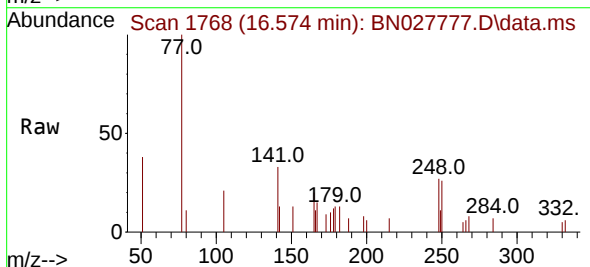
Tgt Ion:188 Resp: 18715
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 10.6 16.0

Manual Integrations
APPROVED

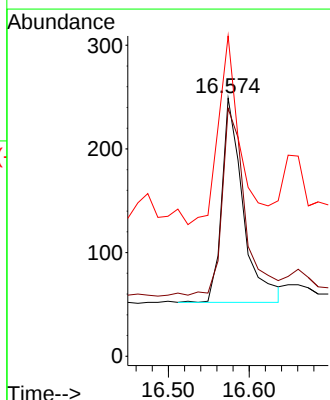
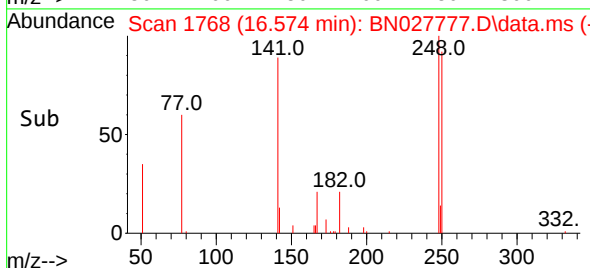
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

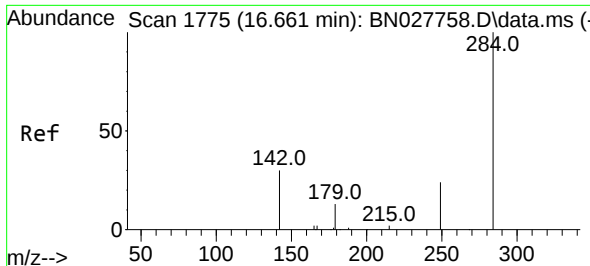


#21
4-Bromophenyl-phenylether
Concen: 0.038 ng
RT: 16.574 min Scan# 1768
Delta R.T. -0.013 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29



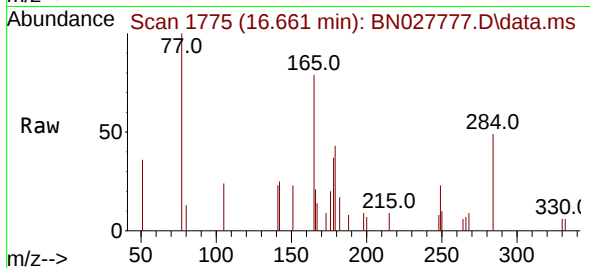
Tgt Ion:248 Resp: 360
Ion Ratio Lower Upper
248 100
250 96.0 81.4 122.2
141 124.1 48.2 72.4





#22
Hexachlorobenzene
Concen: 0.047 ng
RT: 16.661 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

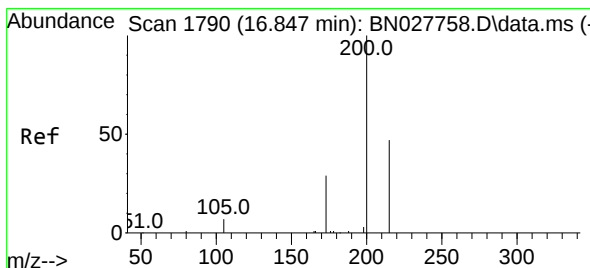
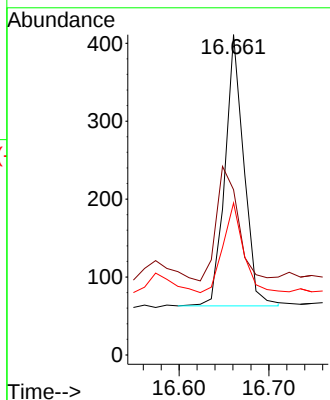
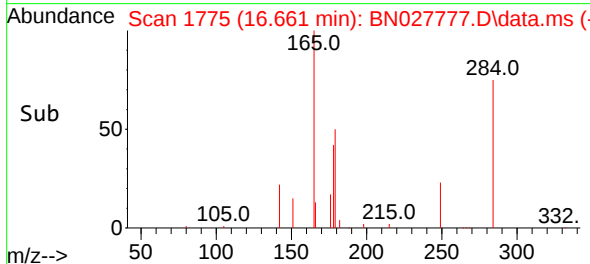
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



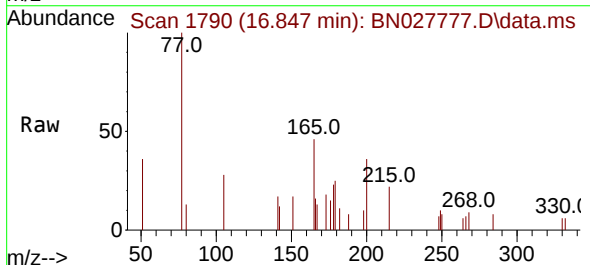
Tgt Ion:284 Resp: 509
Ion Ratio Lower Upper
284 100
142 48.7 32.9 49.3
249 35.4 24.1 36.1

Manual Integrations
APPROVED

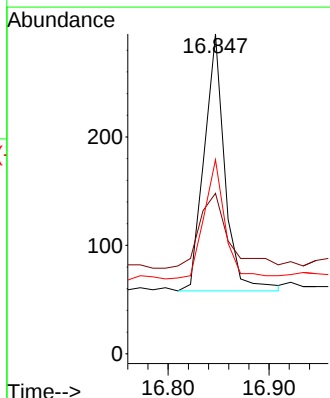
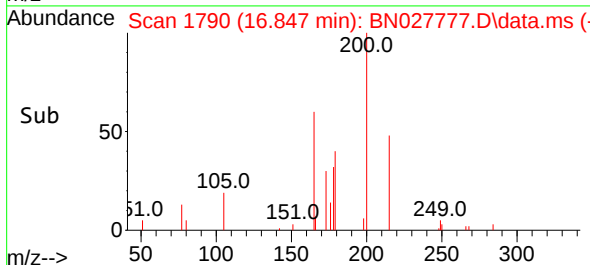
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

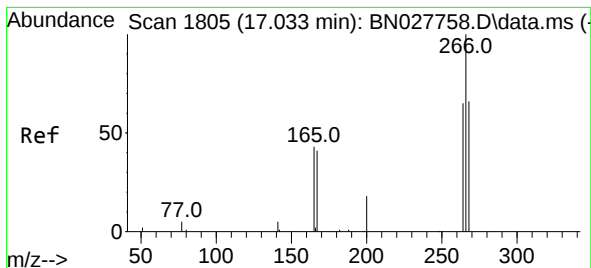


#23
Atrazine
Concen: 0.048 ng
RT: 16.847 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29



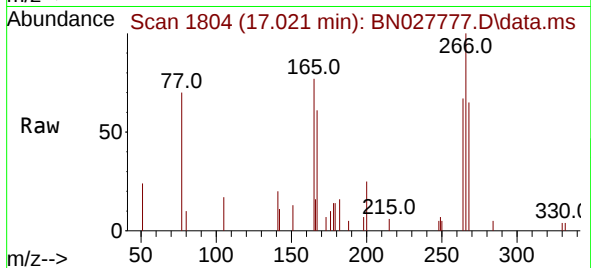
Tgt Ion:200 Resp: 338
Ion Ratio Lower Upper
200 100
173 50.2 26.1 39.1#
215 60.7 40.0 60.0#





#24
Pentachlorophenol
Concen: 0.598 ng
RT: 17.021 min Scan# 1804
Delta R.T. -0.012 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

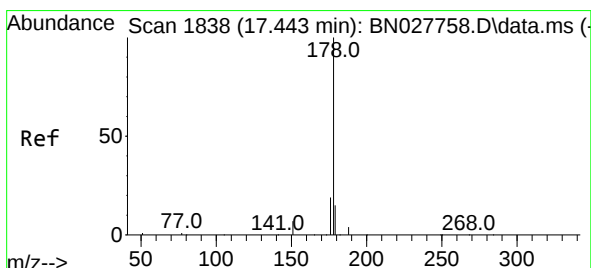
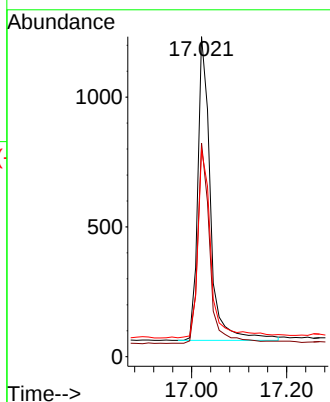
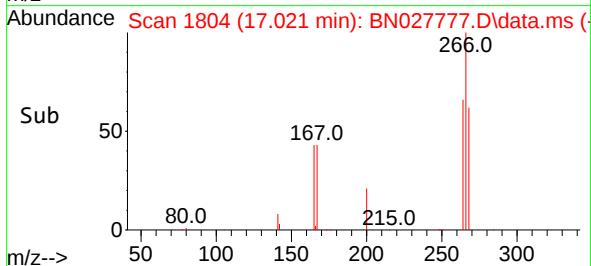
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion:266 Resp: 2160
Ion Ratio Lower Upper
266 100
264 62.6 50.8 76.2
268 64.5 53.0 79.6

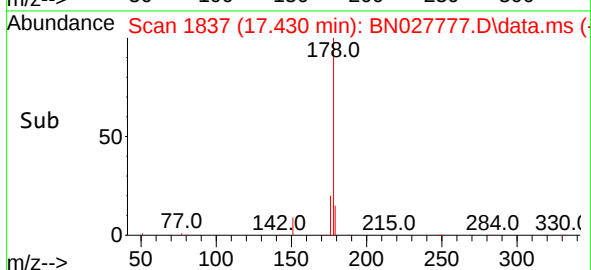
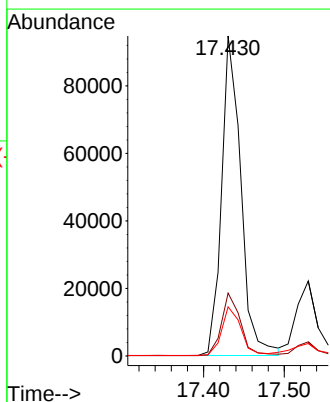
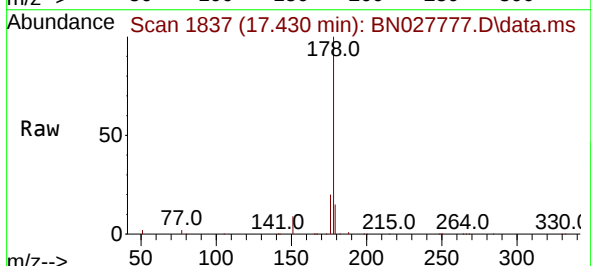
Manual Integrations
APPROVED

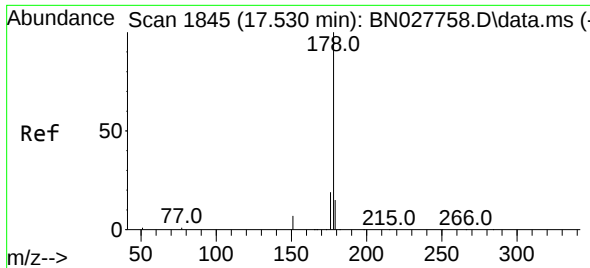
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#25
Phenanthrene
Concen: 2.872 ng
RT: 17.430 min Scan# 1837
Delta R.T. -0.013 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

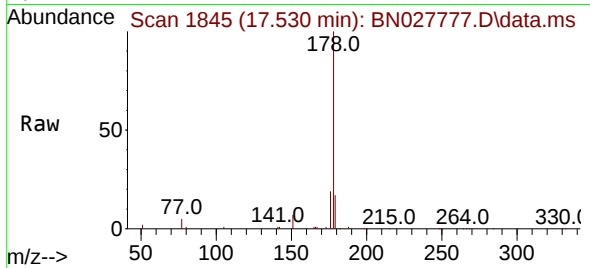
Tgt Ion:178 Resp: 157243
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.3 18.5





#26
 Anthracene
 Concen: 0.885 ng
 RT: 17.530 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: BN027777.D
 Acq: 20 Sep 2023 23:29

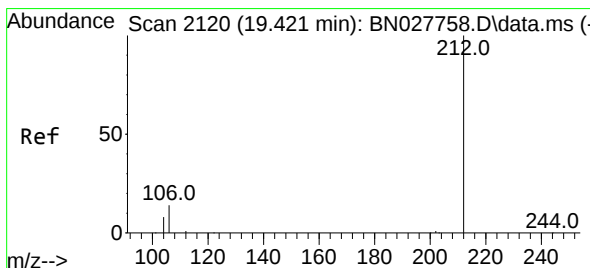
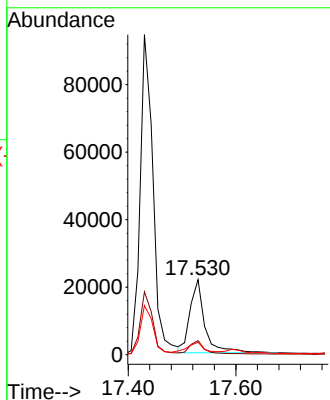
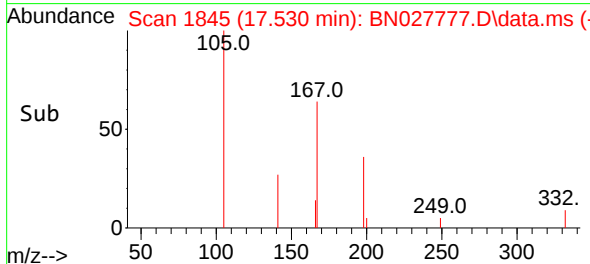
Instrument :
 BNA_N
 ClientSampleId :
 PILE-2MSD



Tgt Ion:178 Resp: 4145
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.2 22.8
 179 14.7 12.2 18.2

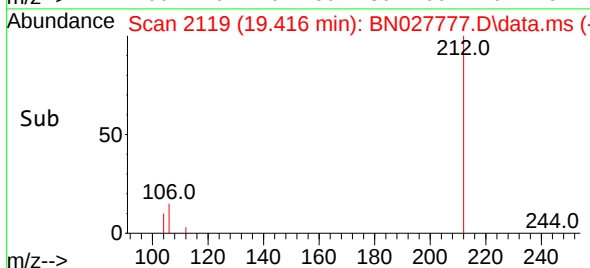
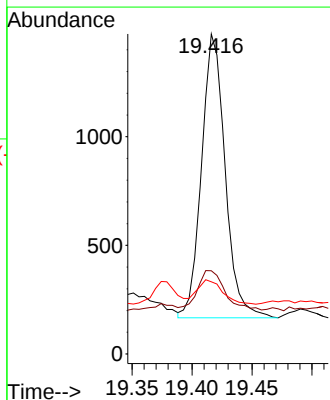
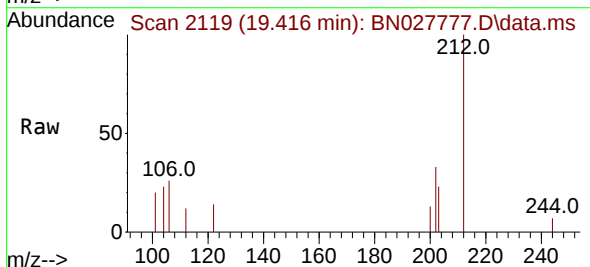
Manual Integrations
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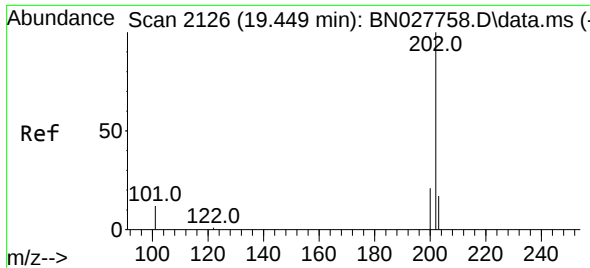
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



#27
 Fluoranthene-d10
 Concen: 0.037 ng
 RT: 19.416 min Scan# 2119
 Delta R.T. -0.005 min
 Lab File: BN027777.D
 Acq: 20 Sep 2023 23:29

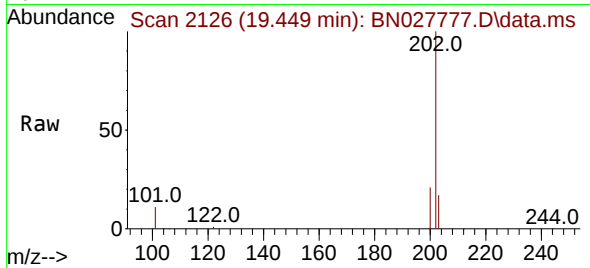
Tgt Ion:212 Resp: 1787
 Ion Ratio Lower Upper
 212 100
 106 15.7 12.2 18.2
 104 9.5 7.0 10.4





#28
Fluoranthene
Concen: 4.340 ng
RT: 19.449 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

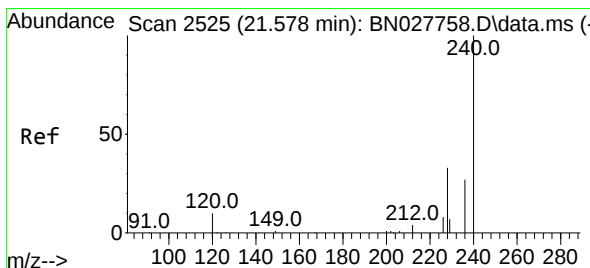
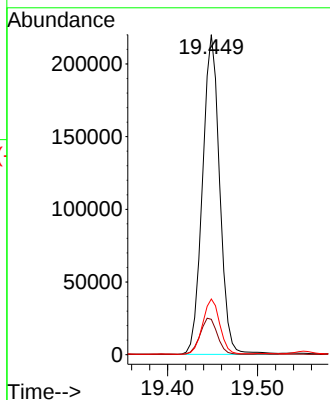
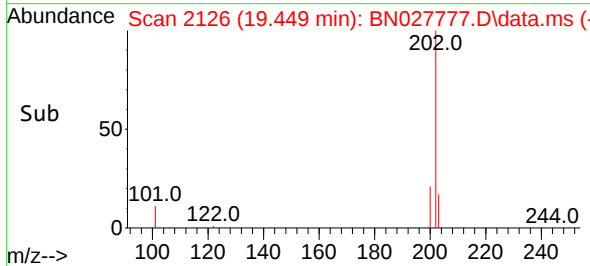
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion:202 Resp: 292020
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
203 17.2 13.8 20.6

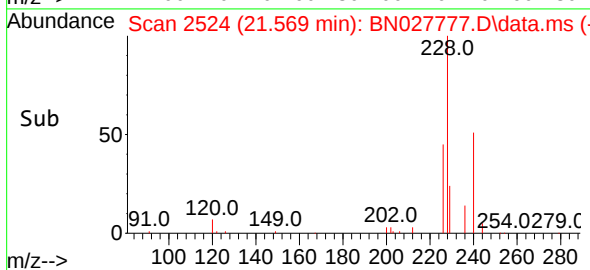
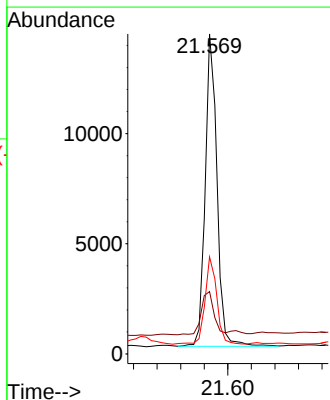
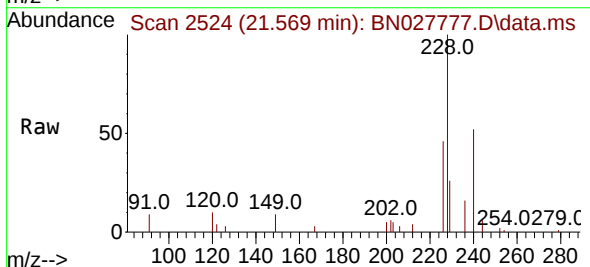
Manual Integrations
APPROVED

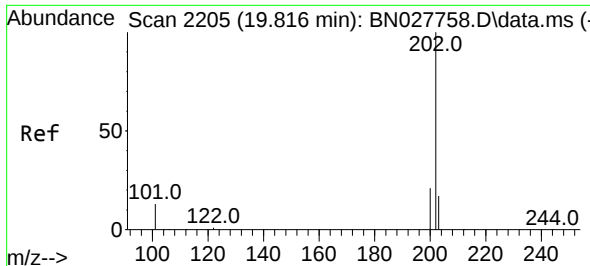
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

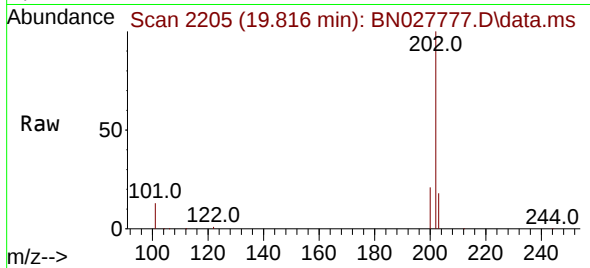
Tgt Ion:240 Resp: 19624
Ion Ratio Lower Upper
240 100
120 19.5 11.2 16.8#
236 30.3 22.8 34.2





#30
Pyrene
Concen: 3.902 ng
RT: 19.816 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

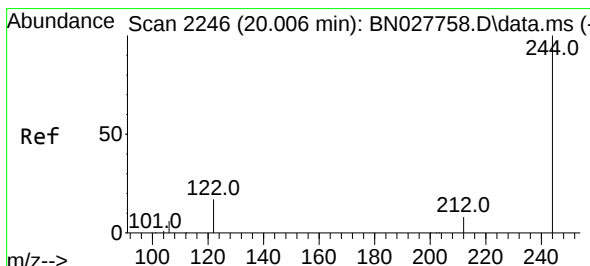
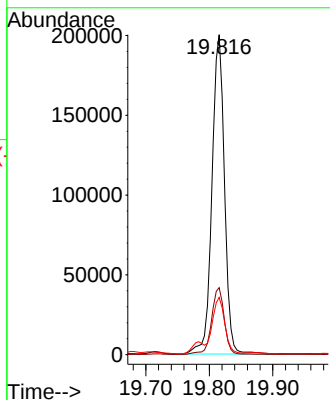
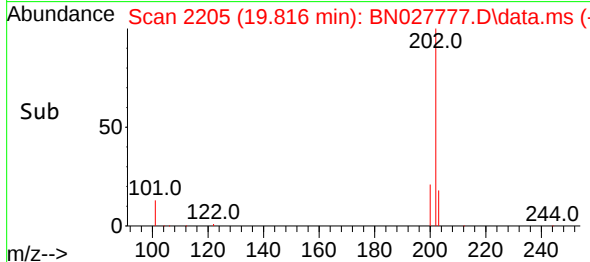
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion:202 Resp: 27507
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.4 14.2 21.4

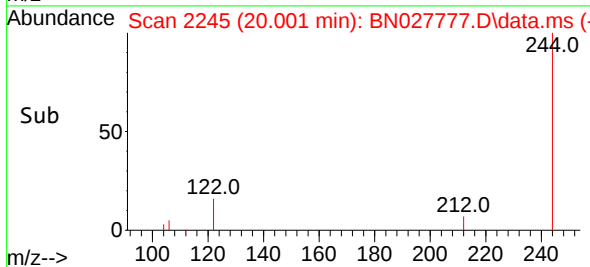
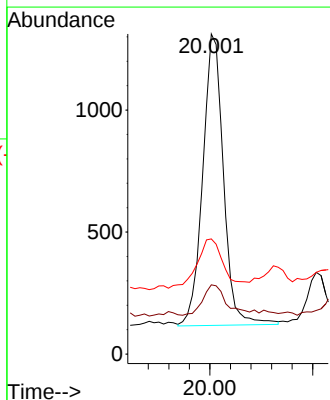
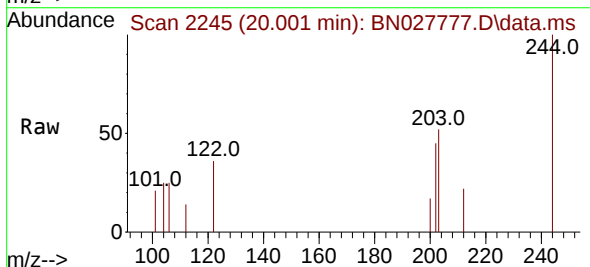
Manual Integrations
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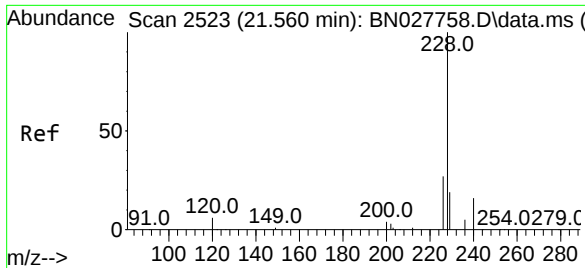
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#31
Terphenyl-d14
Concen: 0.044 ng
RT: 20.001 min Scan# 2245
Delta R.T. -0.005 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

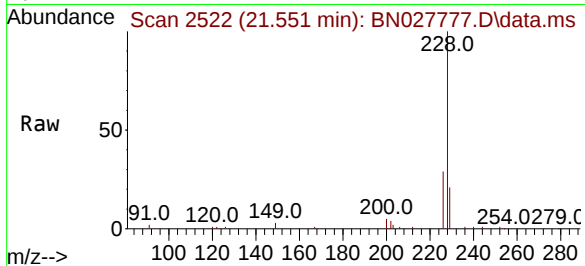
Tgt Ion:244 Resp: 1670
Ion Ratio Lower Upper
244 100
212 21.6 7.5 11.3#
122 36.0 13.9 20.9#





#32
Benzo(a)anthracene
Concen: 2.265 ng
RT: 21.551 min Scan# 21551
Delta R.T. -0.009 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

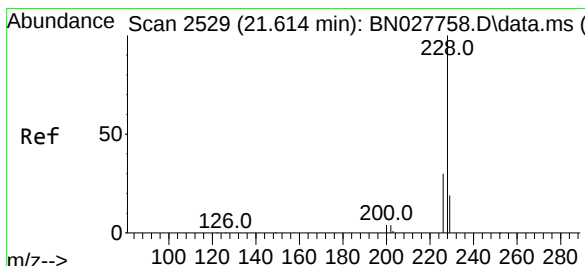
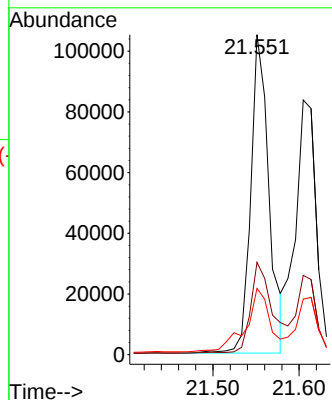
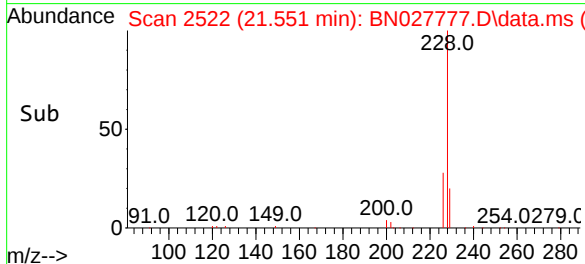
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



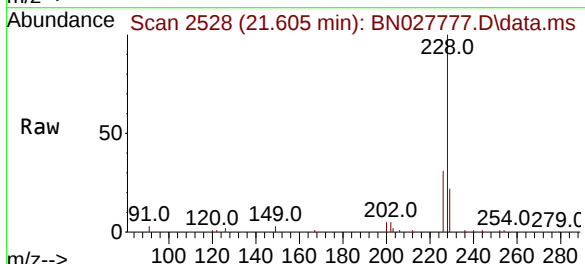
Tgt Ion:228 Resp: 15427
Ion Ratio Lower Upper
228 100
226 28.9 21.9 32.9
229 20.7 15.8 23.6

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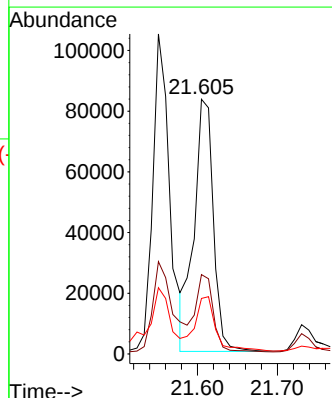
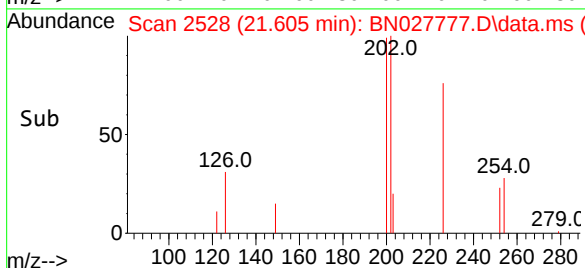
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

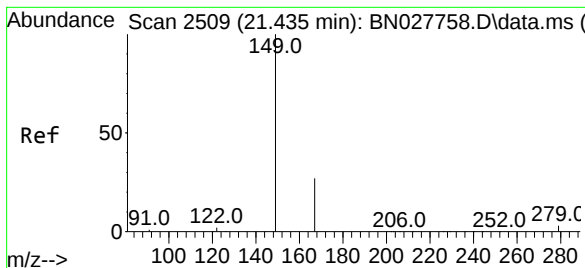


#33
Chrysene
Concen: 1.871 ng
RT: 21.605 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29



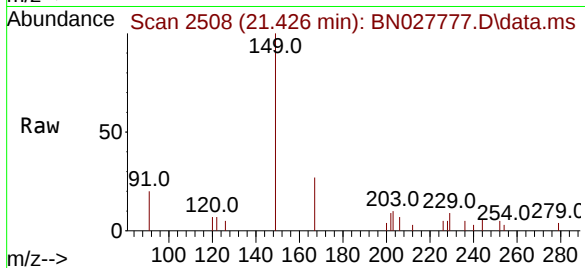
Tgt Ion:228 Resp: 140282
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.4
229 21.8 15.7 23.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.419 ng
 RT: 21.426 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027777.D
 Acq: 20 Sep 2023 23:29

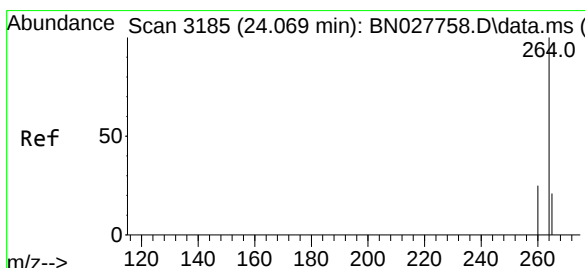
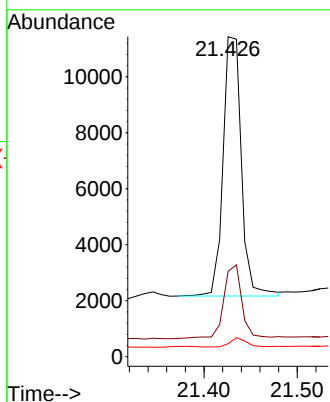
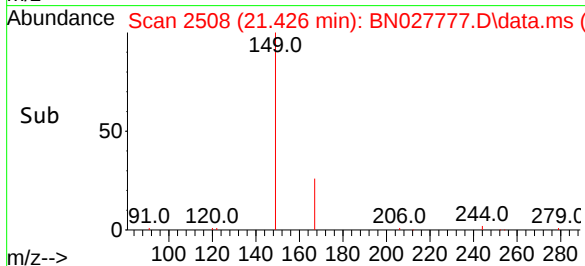
Instrument :
 BNA_N
 ClientSampleId :
 PILE-2MSD



Tgt Ion:149 Resp: 12620
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.4 32.2
 279 3.2 2.3 3.5

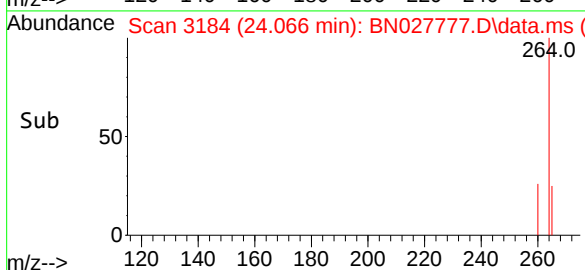
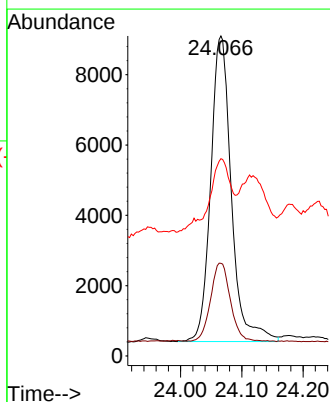
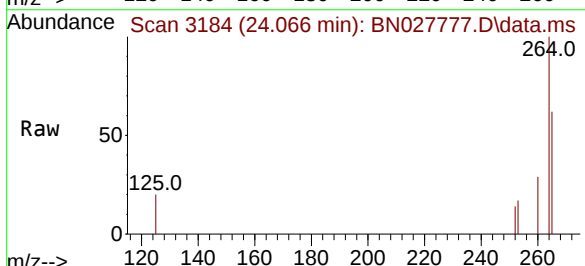
Manual Integrations
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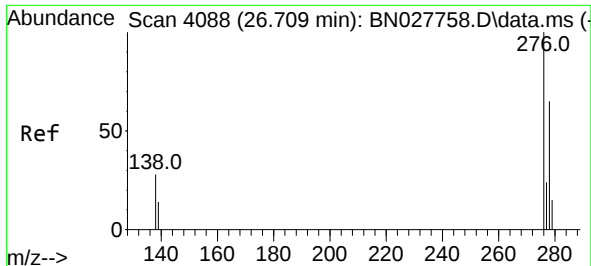
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.066 min Scan# 3184
 Delta R.T. -0.003 min
 Lab File: BN027777.D
 Acq: 20 Sep 2023 23:29

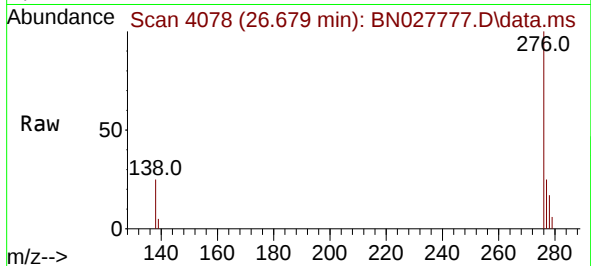
Tgt Ion:264 Resp: 20340
 Ion Ratio Lower Upper
 264 100
 260 28.9 21.0 31.6
 265 61.7 60.5 90.7





#36
Indeno(1,2,3-cd)pyrene
Concen: 1.120 ng
RT: 26.679 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

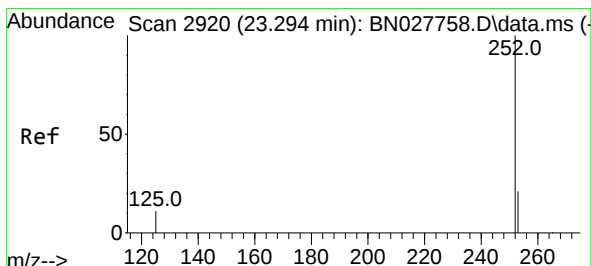
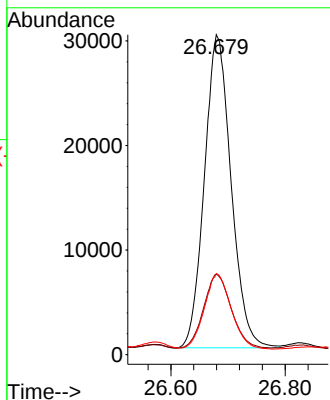
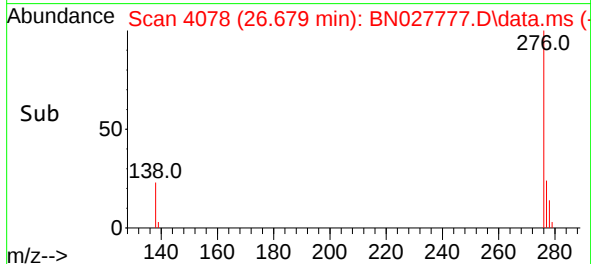
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion:276 Resp: 96915
Ion Ratio Lower Upper
276 100
138 24.2 23.5 35.3
277 24.2 19.9 29.9

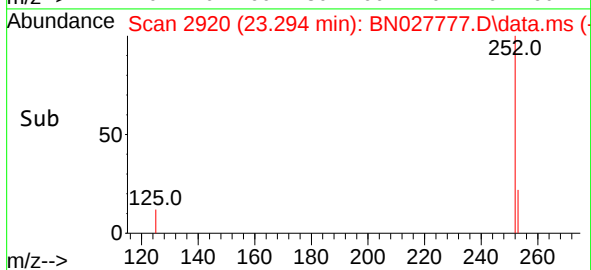
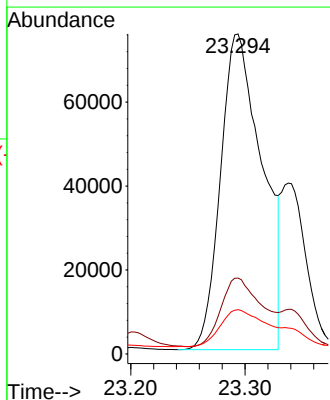
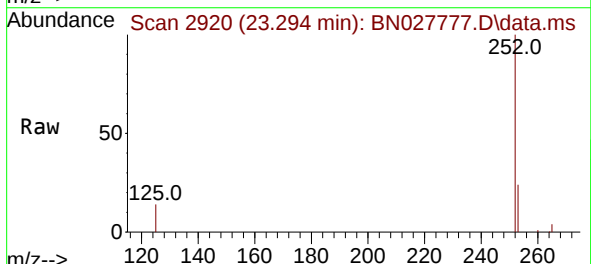
Manual Integrations
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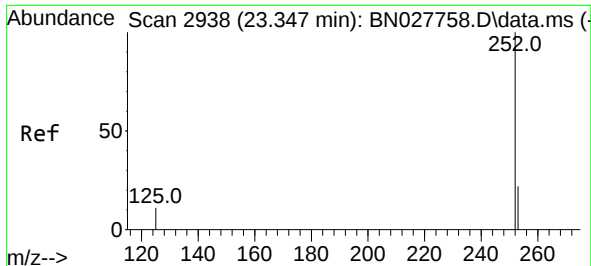
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#37
Benzo(b)fluoranthene
Concen: 2.367 ng
RT: 23.294 min Scan# 2920
Delta R.T. -0.000 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

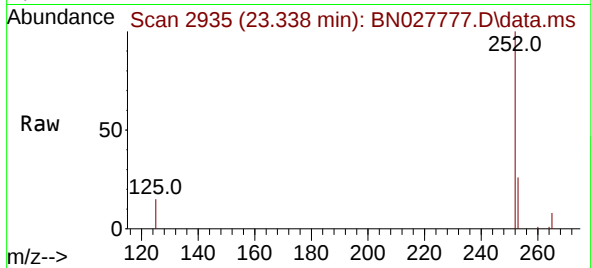
Tgt Ion:252 Resp: 190349
Ion Ratio Lower Upper
252 100
253 23.7 20.8 31.2
125 13.9 13.5 20.3





#38
Benzo(k)fluoranthene
Concen: 0.748 ng m
RT: 23.338 min Scan# 2938
Delta R.T. -0.009 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

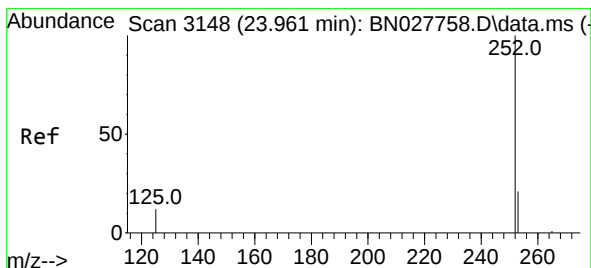
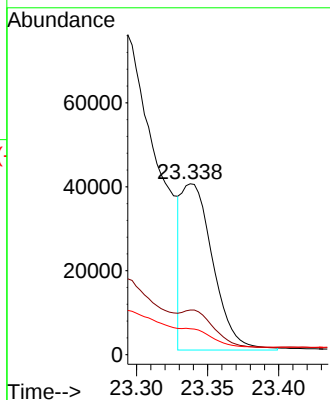
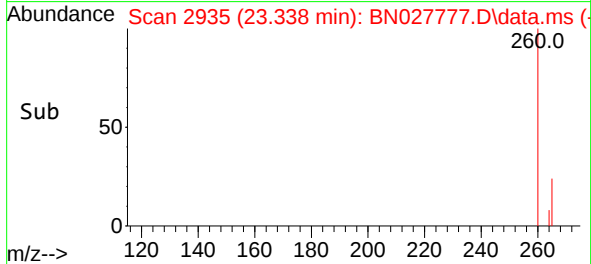
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion:252 Resp: 61044
Ion Ratio Lower Upper
252 100
253 26.1 21.2 31.8
125 15.2 13.8 20.6

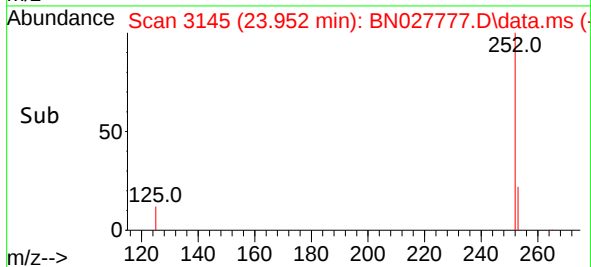
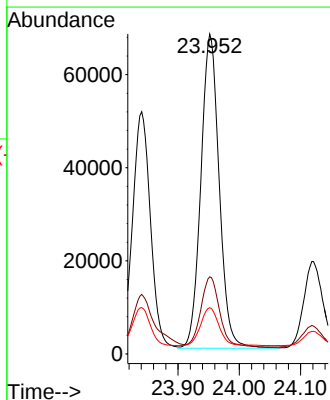
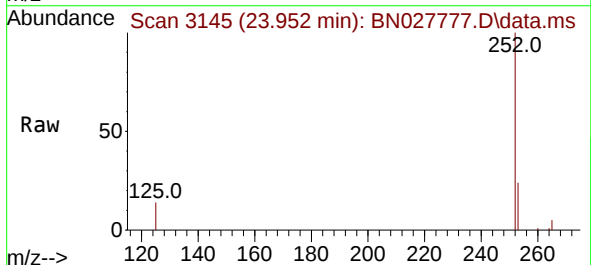
Manual Integrations
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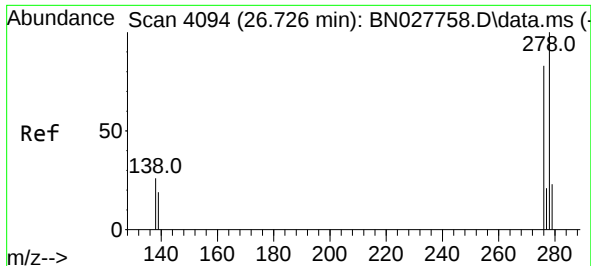
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#39
Benzo(a)pyrene
Concen: 1.918 ng m
RT: 23.952 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

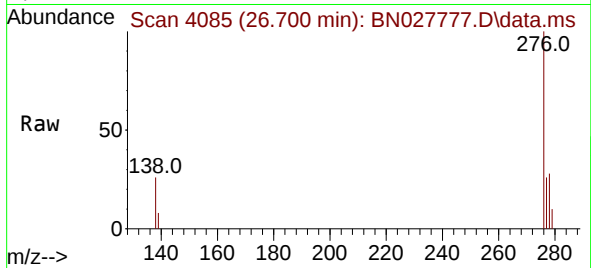
Tgt Ion:252 Resp: 140113
Ion Ratio Lower Upper
252 100
253 24.1 22.6 33.8
125 14.4 16.5 24.7#





#40
Dibenzo(a,h)anthracene
Concen: 0.335 ng m
RT: 26.700 min Scan# 4094
Delta R.T. -0.026 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

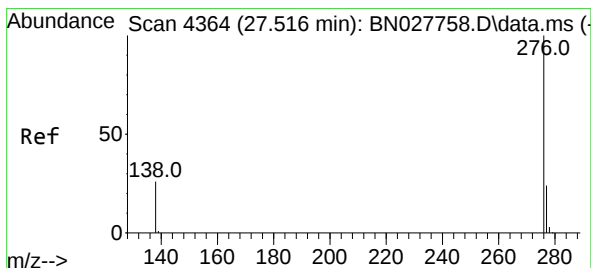
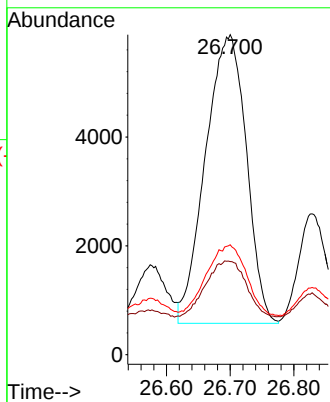
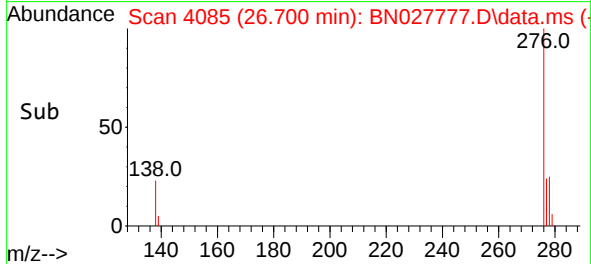
Instrument :
BNA_N
ClientSampleId :
PILE-2MSD



Tgt Ion:278 Resp: 23629
Ion Ratio Lower Upper
278 100
139 29.1 17.1 25.7
279 34.3 22.2 33.2

Manual Integrations
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Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#41
Benzo(g,h,i)perylene
Concen: 1.314 ng
RT: 27.510 min Scan# 4362
Delta R.T. -0.006 min
Lab File: BN027777.D
Acq: 20 Sep 2023 23:29

Tgt Ion:276 Resp: 102634
Ion Ratio Lower Upper
276 100
277 25.0 20.4 30.6
138 26.1 21.9 32.9

