

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033530.D
 Acq On : 21 Aug 2024 07:03
 Operator : MA/JU
 Sample : P3643-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 932-K1-SD-0-0.5-081524

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 07:27:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7280	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	18950	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	8670	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	17003	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	12146	0.400	ng	0.00
35) Perylene-d12	23.306	264	12923	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4057	0.175	ng	0.00
5) Phenol-d6	6.736	99	4881	0.177	ng	0.00
8) Nitrobenzene-d5	8.681	82	3228	0.205	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	4299	0.159	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	604	0.130	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	5808	0.164	ng	-0.01
27) Fluoranthene-d10	18.975	212	4570	0.112	ng	0.00
31) Terphenyl-d14	19.588	244	2681	0.097	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	13.900	152	777	0.020	ng	97
18) Fluorene	15.236	166	772	0.023	ng	# 57
25) Phenanthrene	16.979	178	6210m	0.131	ng	
26) Anthracene	17.066	178	924	0.022	ng	# 90
28) Fluoranthene	19.003	202	14231	0.272	ng	100
30) Pyrene	19.365	202	12734	0.235	ng	96
32) Benzo(a)anthracene	21.121	228	5120	0.117	ng	94
33) Chrysene	21.175	228	7716	0.177	ng	96
34) Bis(2-ethylhexyl)phtha...	21.085	149	1188m	0.043	ng	
36) Indeno(1,2,3-cd)pyrene	25.455	276	4566	0.085	ng	96
37) Benzo(b)fluoranthene	22.665	252	9829	0.204	ng	# 80
38) Benzo(k)fluoranthene	22.703	252	3957m	0.083	ng	
39) Benzo(a)pyrene	23.212	252	5741	0.144	ng	# 75
40) Dibenzo(a,h)anthracene	25.469	278	1039	0.024	ng	# 18
41) Benzo(g,h,i)perylene	26.109	276	5085	0.111	ng	# 89

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

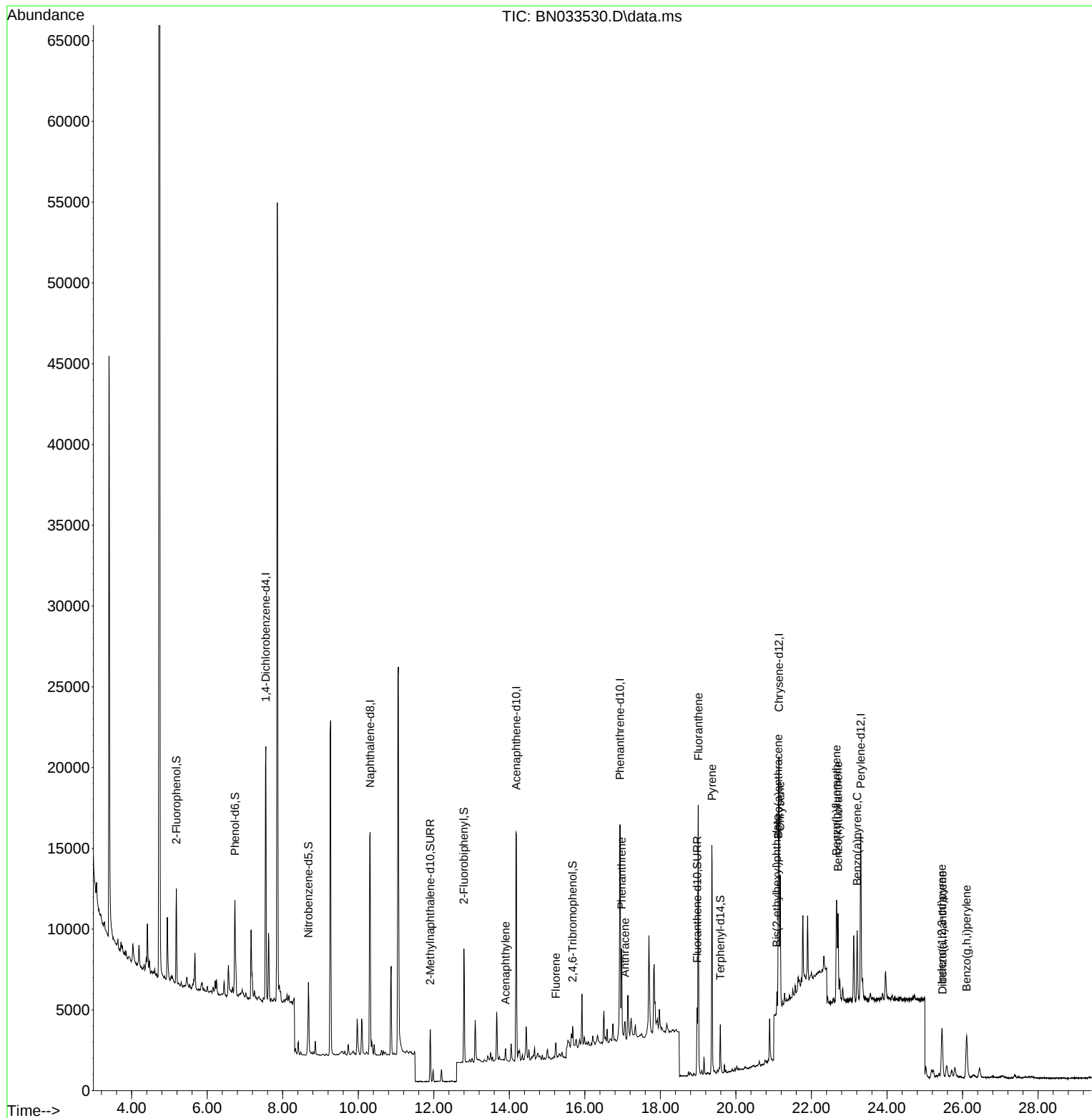
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033530.D
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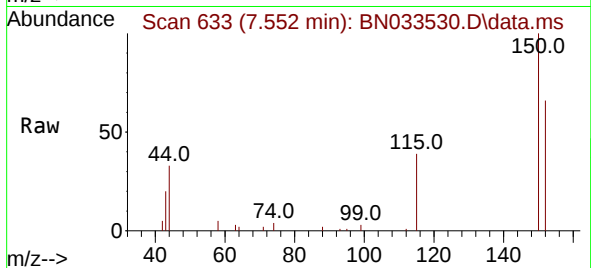
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

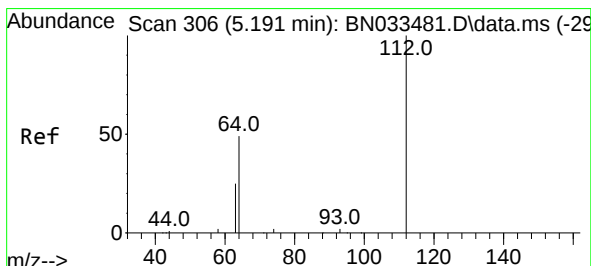
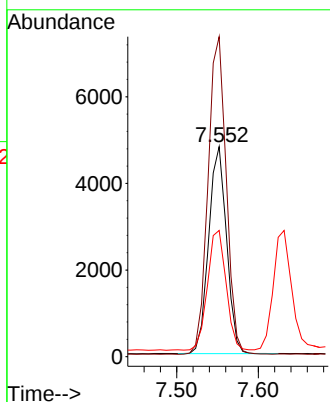
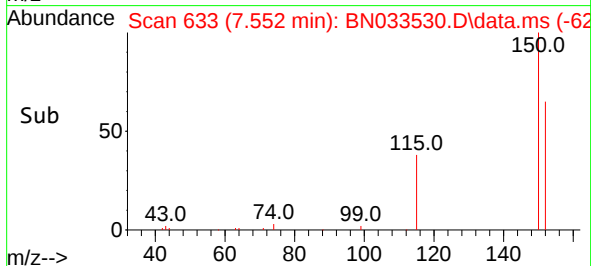
Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



Tgt Ion:152 Resp: 7280
Ion Ratio Lower Upper
152 100
150 152.4 122.2 183.2
115 60.1 47.2 70.8

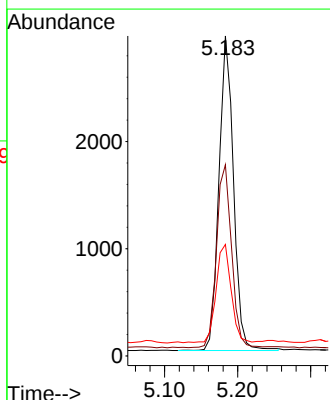
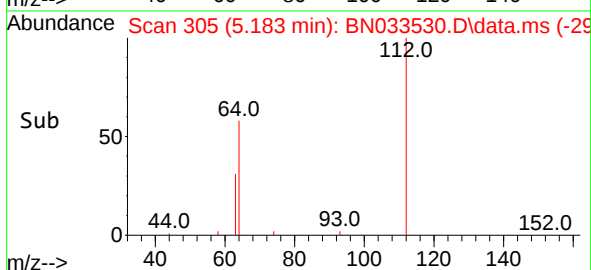
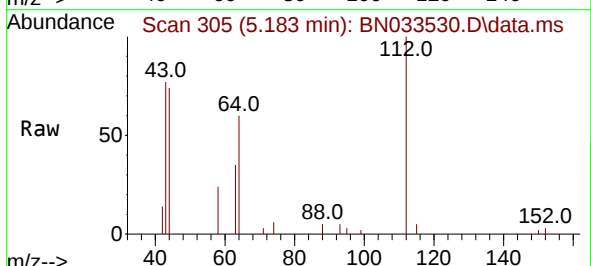
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#4
2-Fluorophenol
Concen: 0.175 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

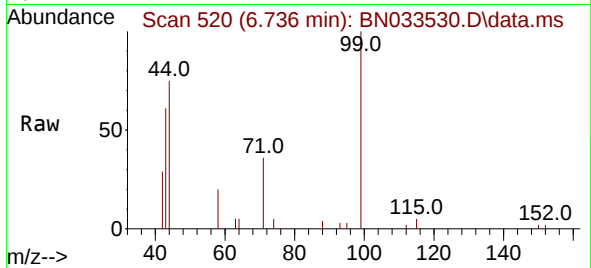
Tgt Ion:112 Resp: 4057
Ion Ratio Lower Upper
112 100
64 60.1 47.1 70.7
63 32.1 24.9 37.3





#5
Phenol-d6
Concen: 0.177 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

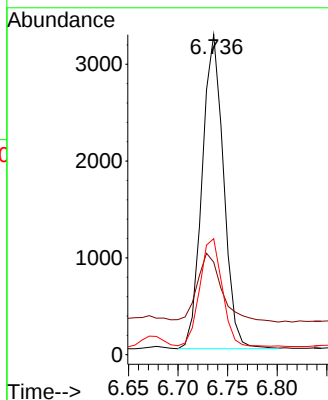
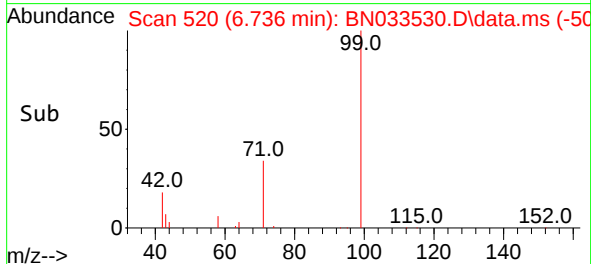
Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



Tgt Ion: 99 Resp: 488
Ion Ratio Lower Upper
99 100
42 25.5 16.6 24.8
71 35.9 26.2 39.4

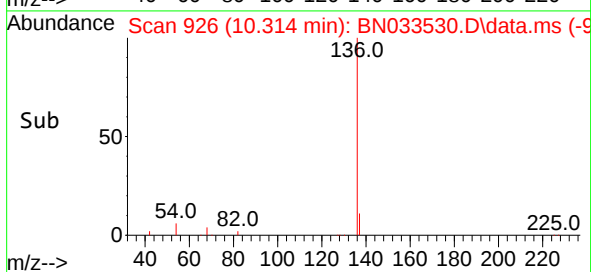
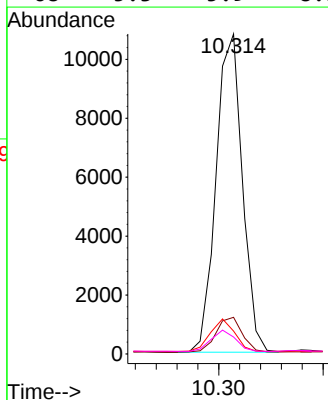
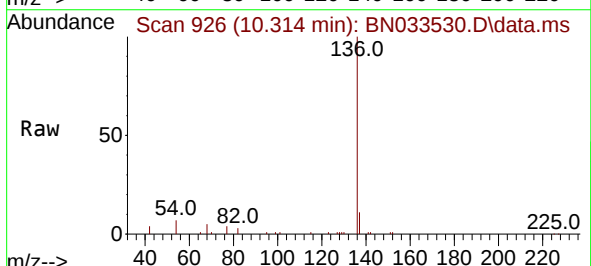
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

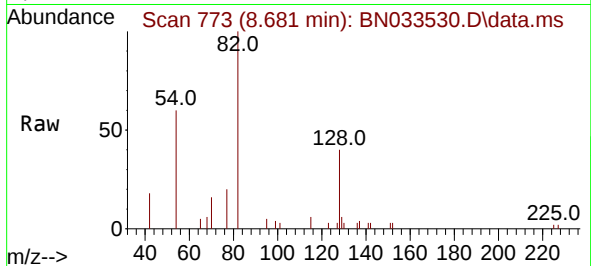
Tgt Ion:136 Resp: 18950
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.1 8.3 12.5#
68 5.3 5.9 8.9#





#8
 Nitrobenzene-d5
 Concen: 0.205 ng
 RT: 8.681 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033530.D
 Acq: 21 Aug 2024 07:03

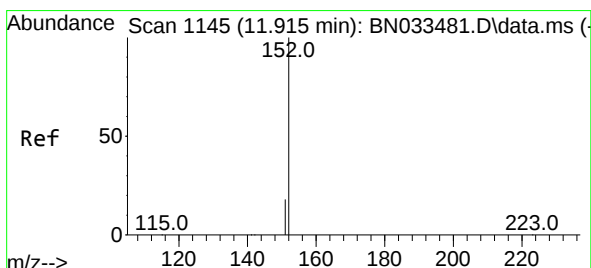
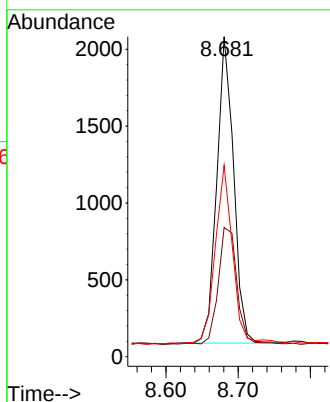
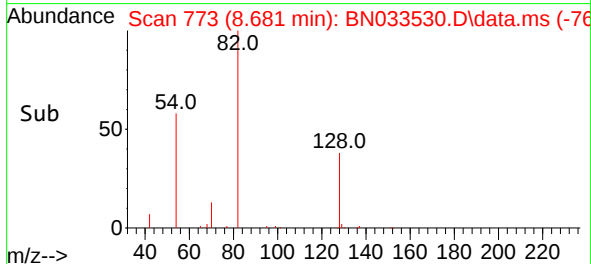
Instrument :
 BNA_N
 ClientSampleId :
 932-K1-SD-0-0.5-081524



Tgt Ion: 82 Resp: 3228
 Ion Ratio Lower Upper
 82 100
 128 40.4 36.0 54.0
 54 59.8 42.0 63.0

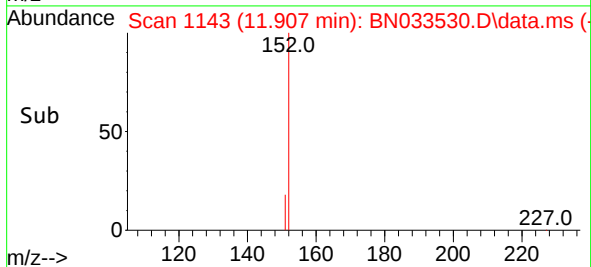
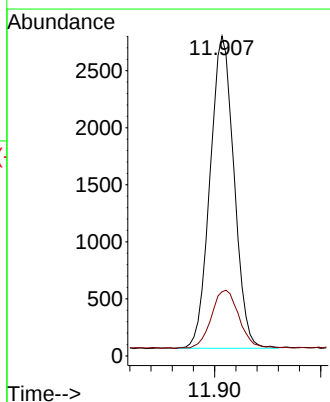
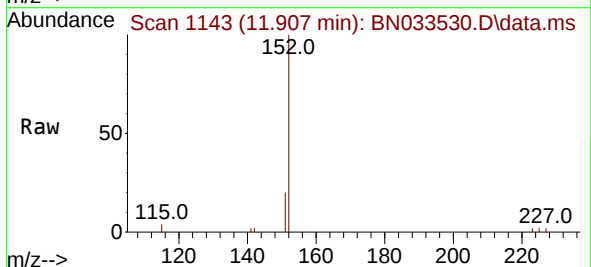
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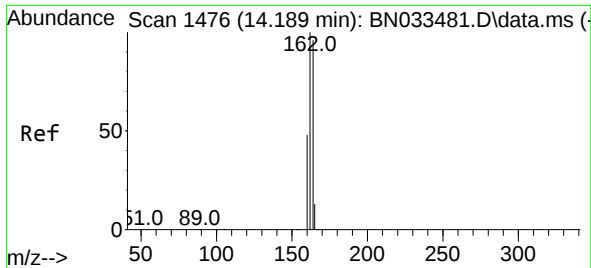
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#11
 2-Methylnaphthalene-d10
 Concen: 0.159 ng
 RT: 11.907 min Scan# 1143
 Delta R.T. -0.008 min
 Lab File: BN033530.D
 Acq: 21 Aug 2024 07:03

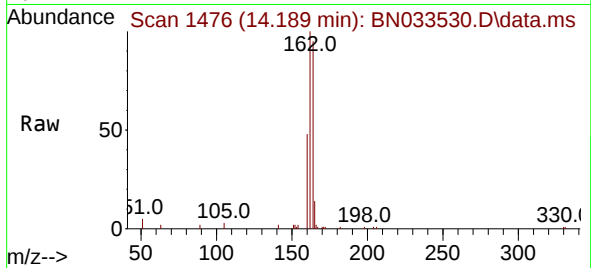
Tgt Ion:152 Resp: 4299
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

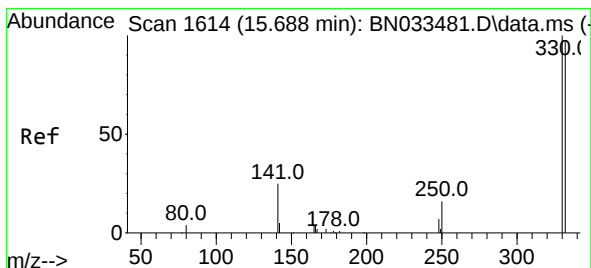
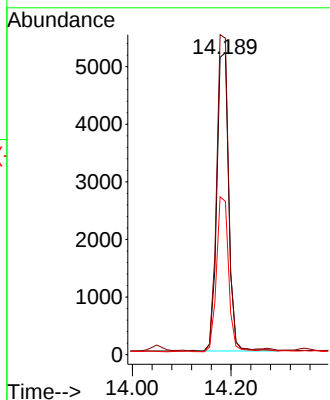
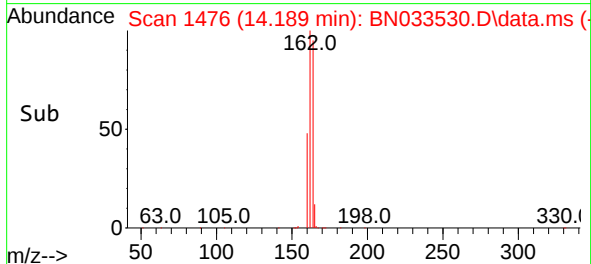
Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



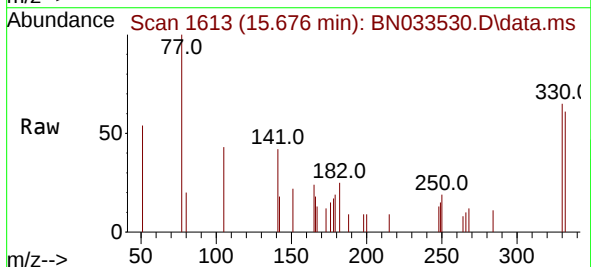
Tgt Ion:164 Resp: 8670
Ion Ratio Lower Upper
164 100
162 104.8 83.5 125.3
160 50.8 40.2 60.4

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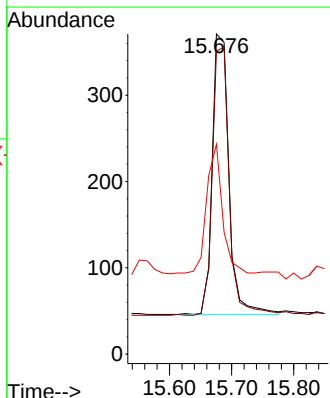
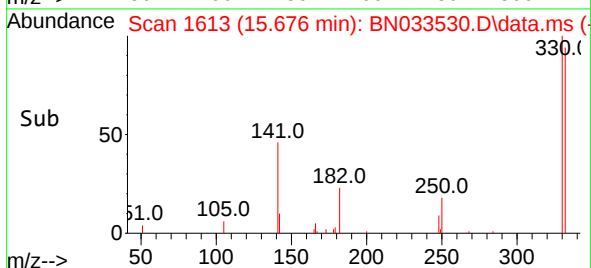
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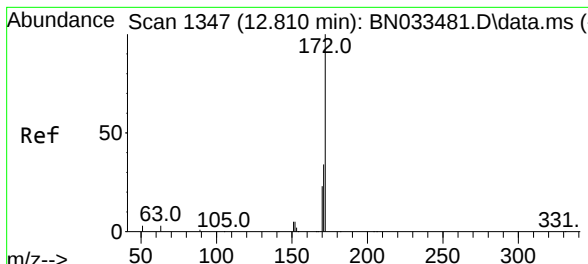


#14
2,4,6-Tribromophenol
Concen: 0.130 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.013 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03



Tgt Ion:330 Resp: 604
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 42.7 33.9 50.9





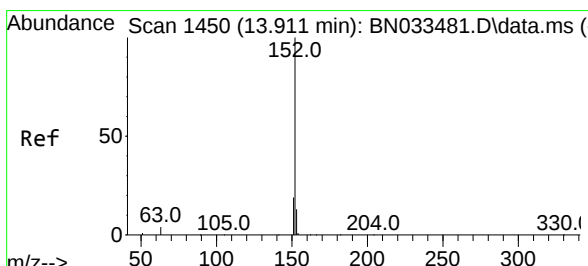
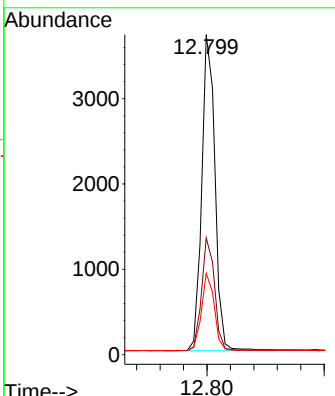
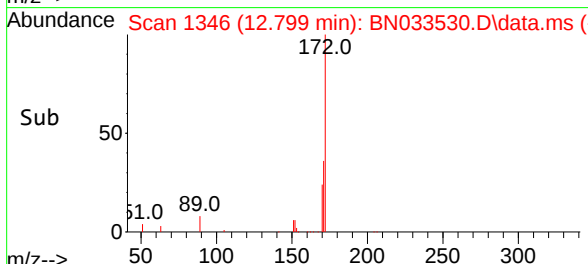
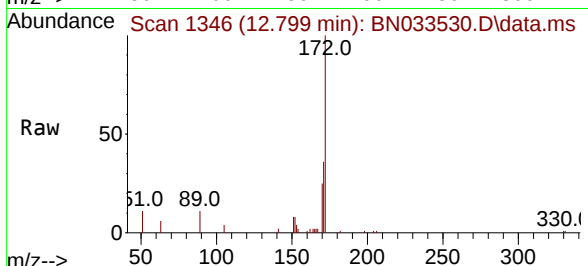
#15
 2-Fluorobiphenyl
 Concen: 0.164 ng
 RT: 12.799 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN033530.D
 Acq: 21 Aug 2024 07:03

Instrument : BNA_N
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Tgt Ion:	172	Resp:	580
Ion Ratio	Lower	Upper	
172	100		
171	36.4	27.7	41.5
170	25.4	18.3	27.5

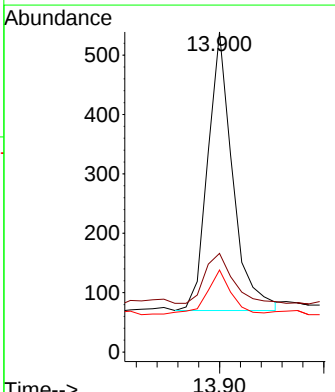
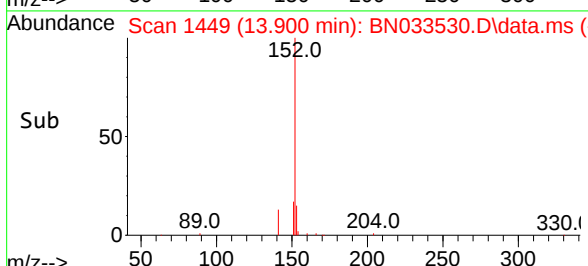
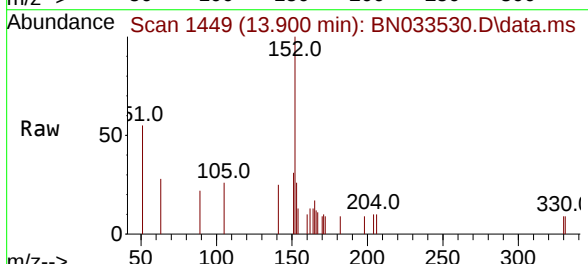
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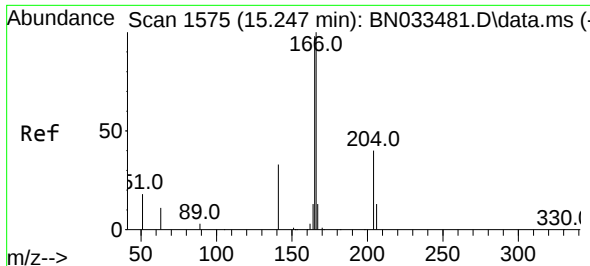
Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#16
 Acenaphthylene
 Concen: 0.020 ng
 RT: 13.900 min Scan# 1449
 Delta R.T. -0.011 min
 Lab File: BN033530.D
 Acq: 21 Aug 2024 07:03

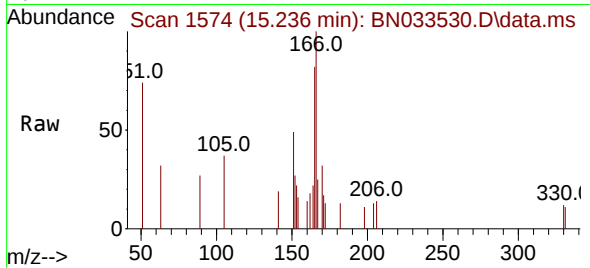
Tgt Ion:	152	Resp:	777
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.7	23.5
153	15.3	10.3	15.5





#18
Fluorene
Concen: 0.023 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.011 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

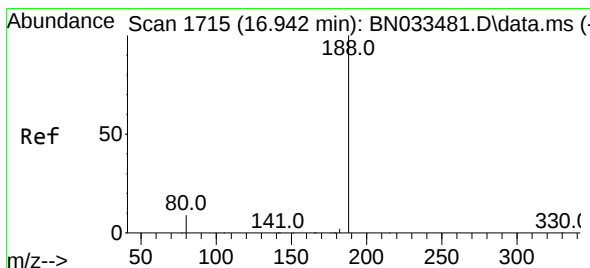
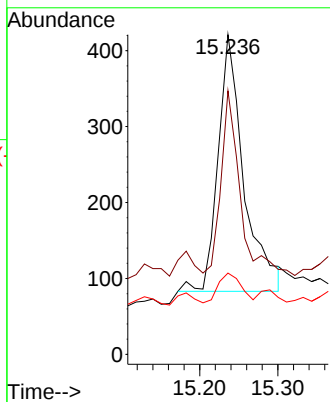
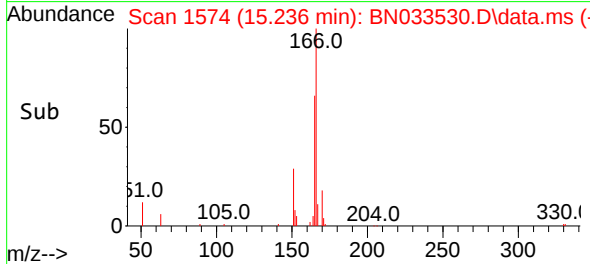
Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



Tgt Ion:166 Resp: 772
Ion Ratio Lower Upper
166 100
165 50.4 78.2 117.4
167 10.1 10.6 16.0

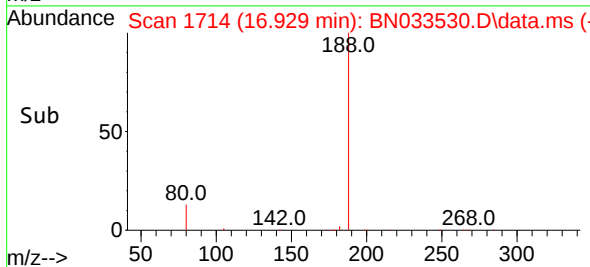
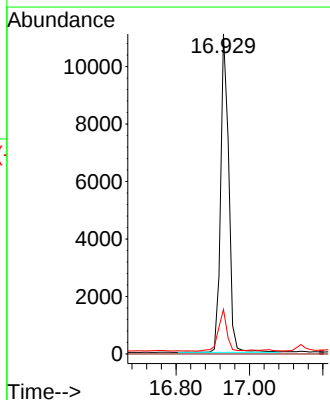
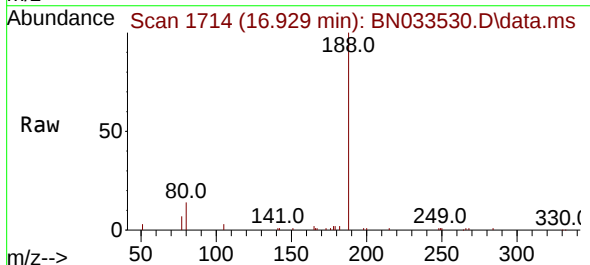
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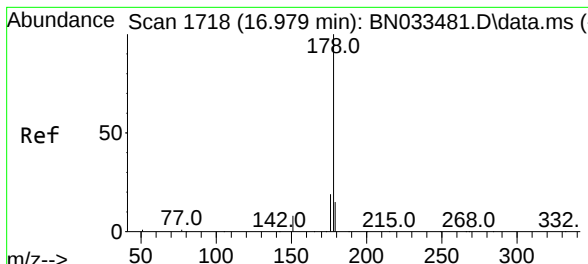
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.013 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

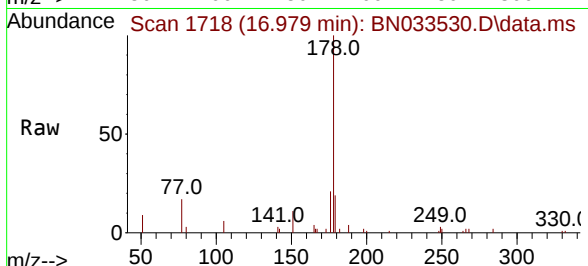
Tgt Ion:188 Resp: 17003
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 7.8 11.8





#25
 Phenanthrene
 Concen: 0.131 ng m
 RT: 16.979 min Scan# 1718
 Delta R.T. -0.000 min
 Lab File: BN033530.D
 Acq: 21 Aug 2024 07:03

Instrument : BNA_N
 ClientSampleId : 932-K1-SD-0-0.5-081524

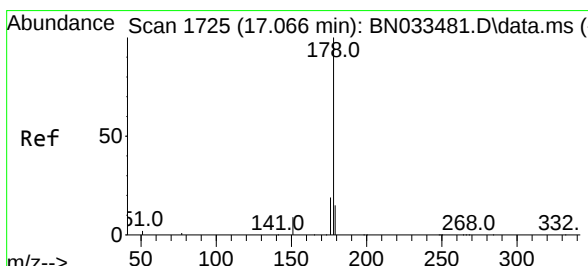
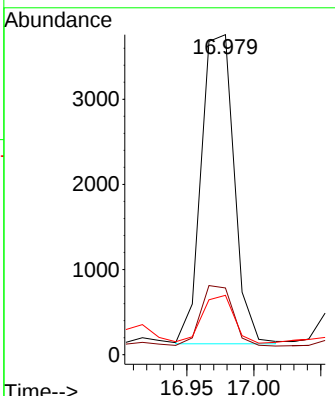
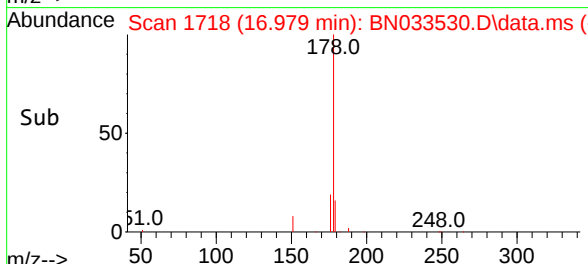


Tgt Ion:178 Resp: 6210

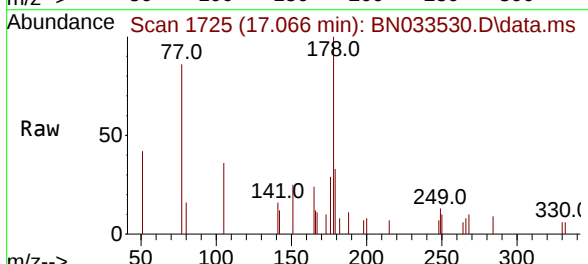
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	14.8	12.3	18.5

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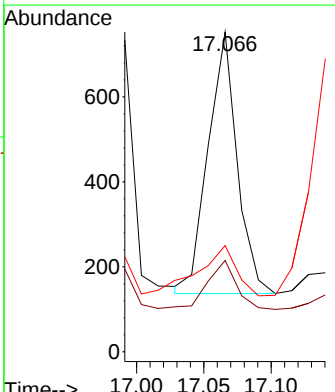
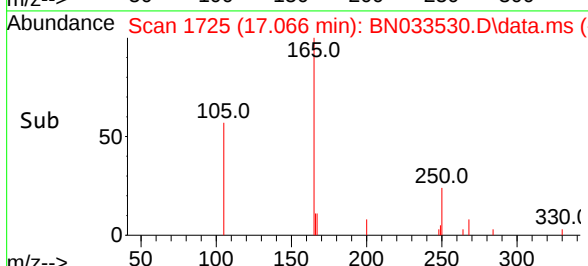


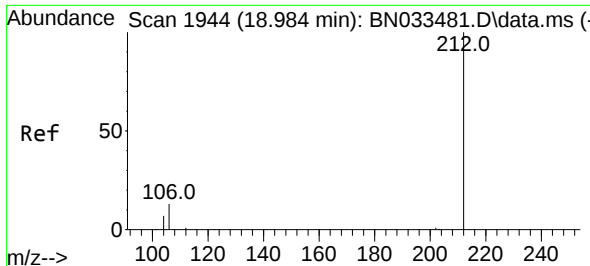
#26
 Anthracene
 Concen: 0.022 ng
 RT: 17.066 min Scan# 1725
 Delta R.T. -0.000 min
 Lab File: BN033530.D
 Acq: 21 Aug 2024 07:03



Tgt Ion:178 Resp: 924

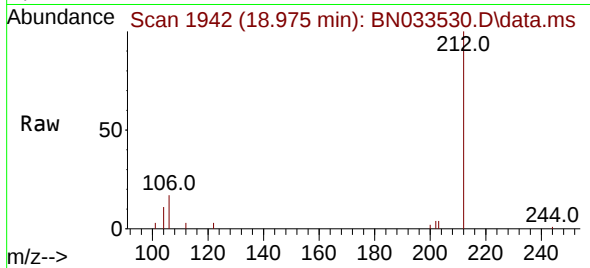
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	24.9	12.4	18.6





#27
Fluoranthene-d10
Concen: 0.112 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

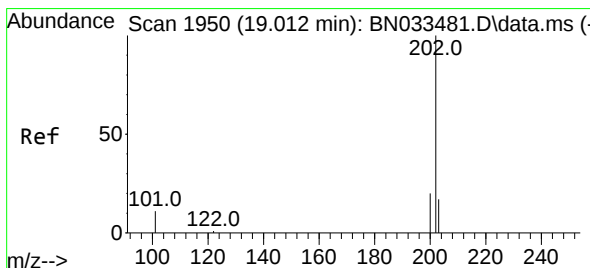
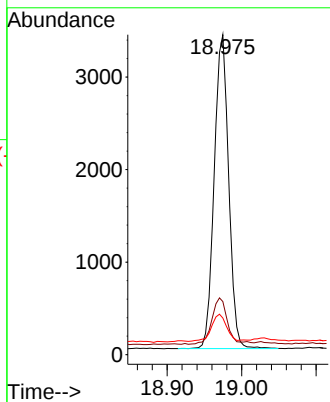
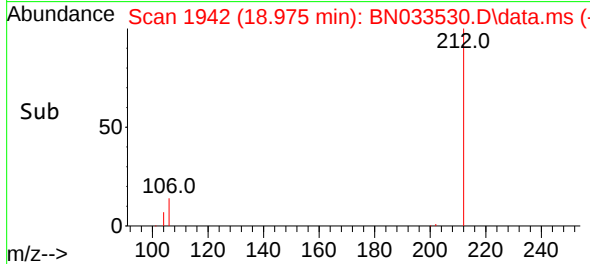
Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



Tgt Ion:212 Resp: 4570
Ion Ratio Lower Upper
212 100
106 16.0 12.3 18.5
104 9.2 7.0 10.4

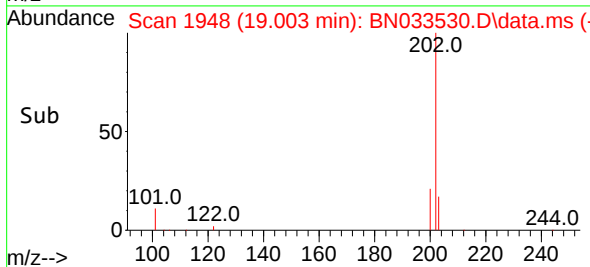
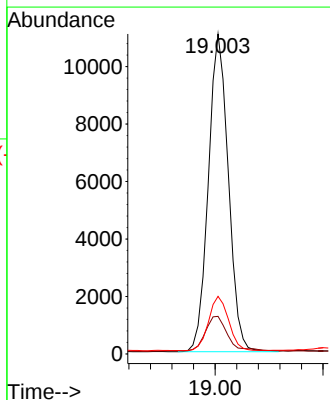
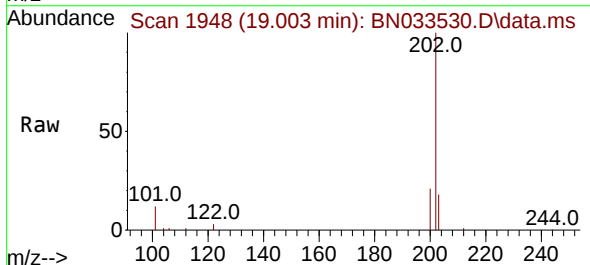
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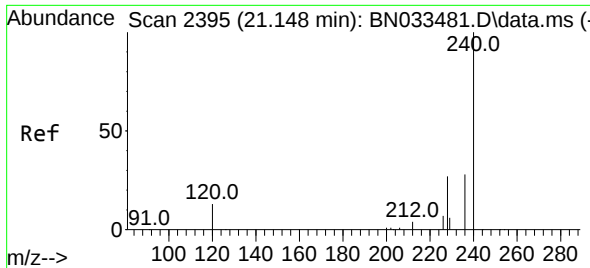
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#28
Fluoranthene
Concen: 0.272 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

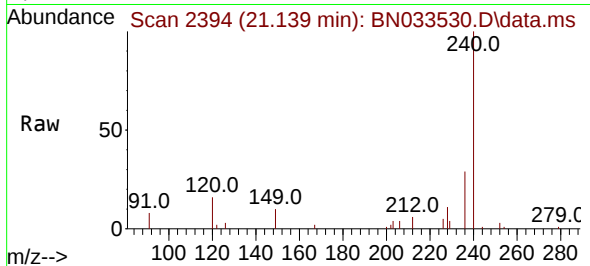
Tgt Ion:202 Resp: 14231
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
203 17.1 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2114
Delta R.T. -0.009 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

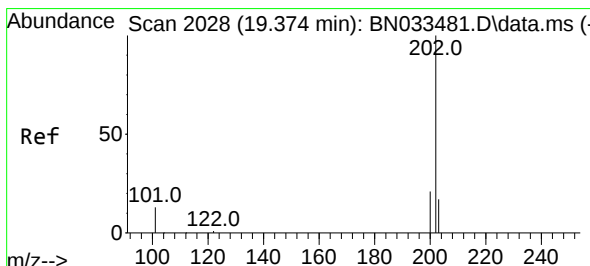
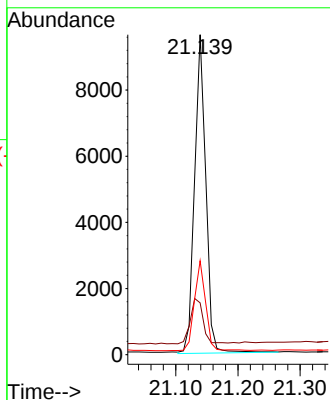
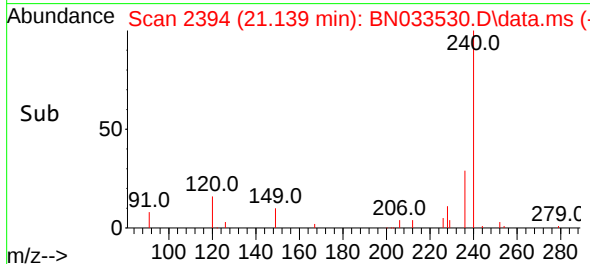
Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



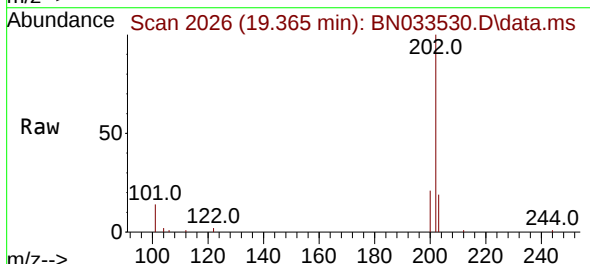
Tgt Ion:240 Resp: 12140
Ion Ratio Lower Upper
240 100
120 16.2 12.4 18.6
236 29.4 23.0 34.6

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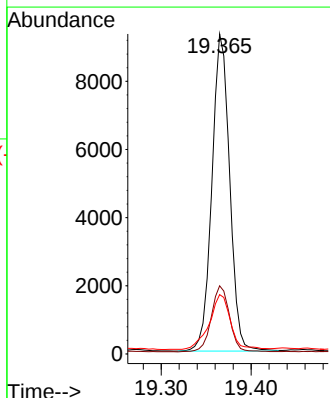
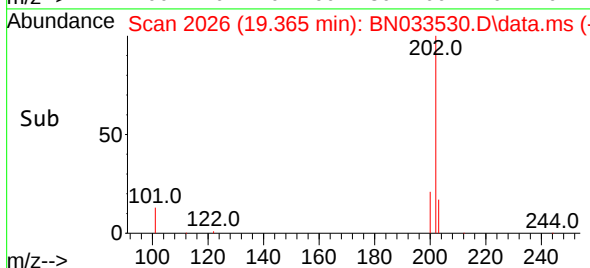
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

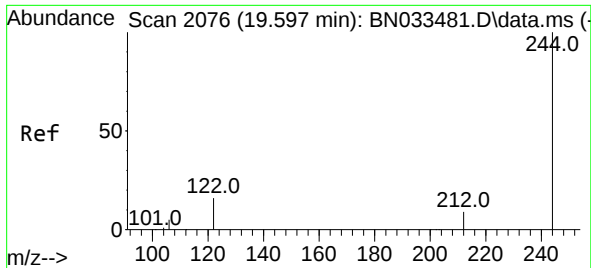


#30
Pyrene
Concen: 0.235 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.009 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03



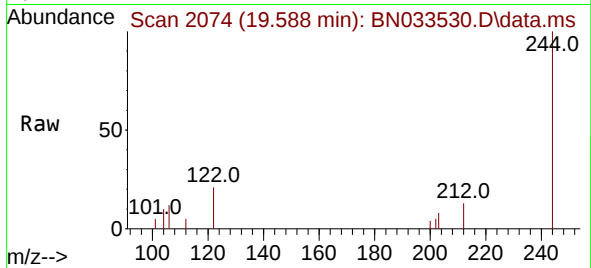
Tgt Ion:202 Resp: 12734
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 20.8 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.097 ng
 RT: 19.588 min Scan# 2074
 Delta R.T. -0.009 min
 Lab File: BN033530.D
 Acq: 21 Aug 2024 07:03

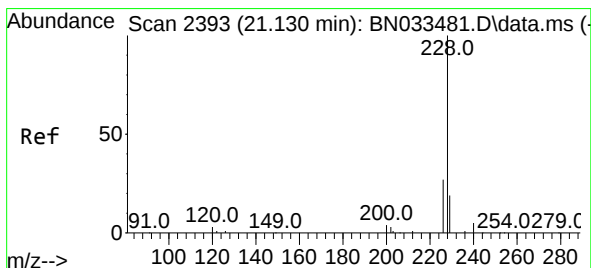
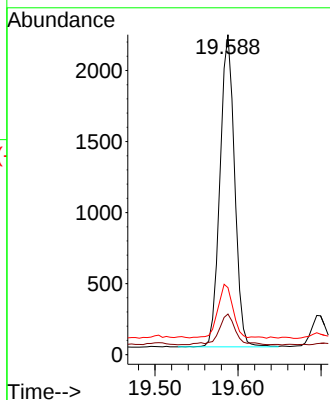
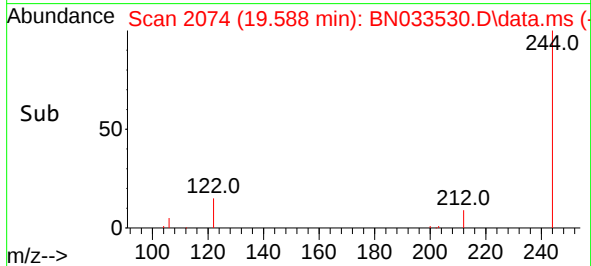
Instrument : BNA_N
 ClientSampleId : 932-K1-SD-0-0.5-081524



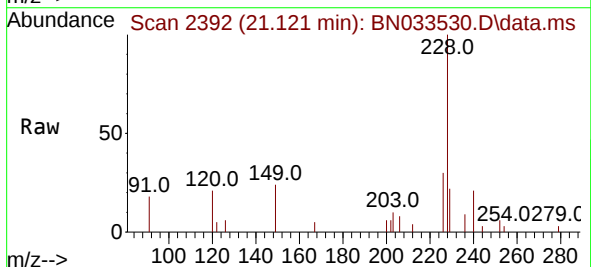
Tgt Ion:244 Resp: 268
 Ion Ratio Lower Upper
 244 100
 212 12.7 7.8 11.6
 122 21.0 13.3 19.9

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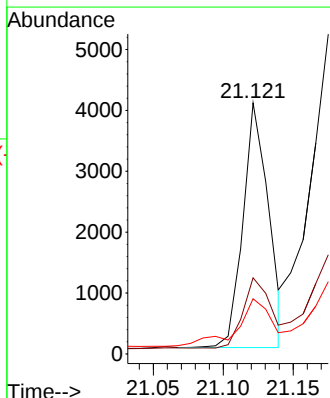
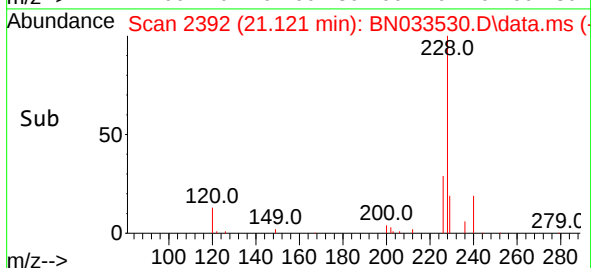
Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

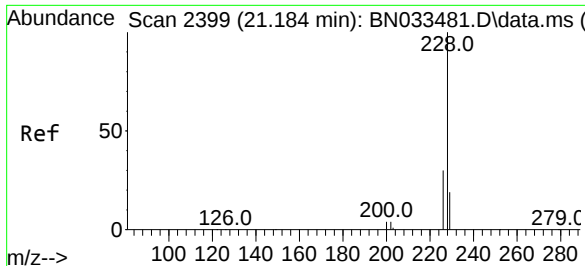


#32
 Benzo(a)anthracene
 Concen: 0.117 ng
 RT: 21.121 min Scan# 2392
 Delta R.T. -0.009 min
 Lab File: BN033530.D
 Acq: 21 Aug 2024 07:03



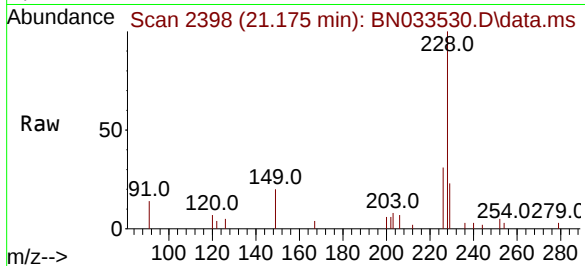
Tgt Ion:228 Resp: 5120
 Ion Ratio Lower Upper
 228 100
 226 30.3 21.8 32.6
 229 22.0 15.8 23.6





#33
Chrysene
Concen: 0.177 ng
RT: 21.175 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

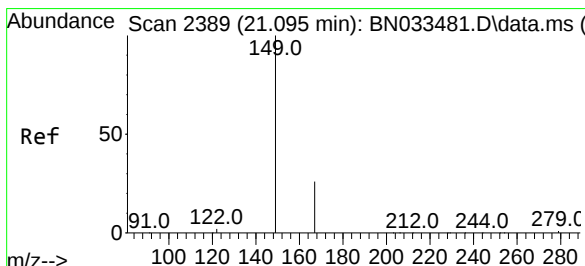
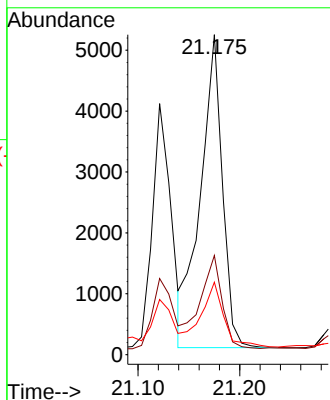
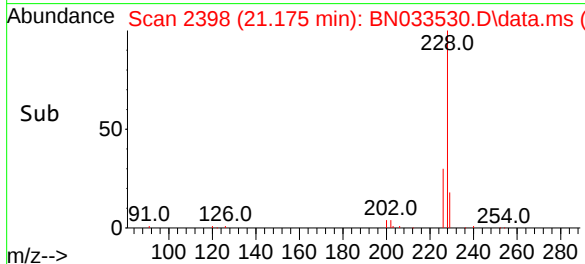
Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



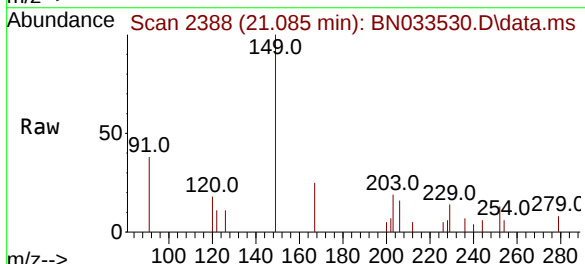
Tgt Ion:228 Resp: 7710
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.8
229 22.6 15.6 23.4

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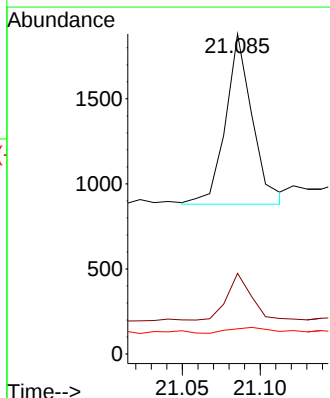
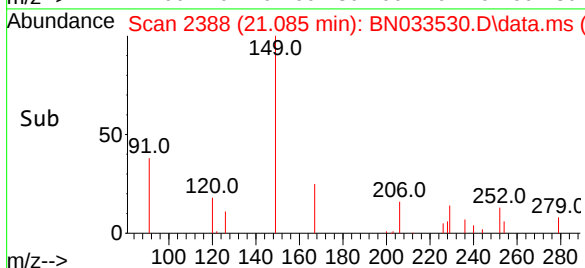
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

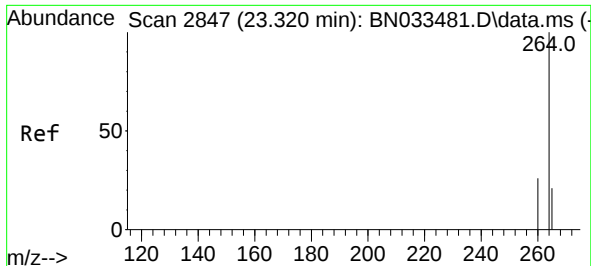


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.043 ng m
RT: 21.085 min Scan# 2388
Delta R.T. -0.009 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03



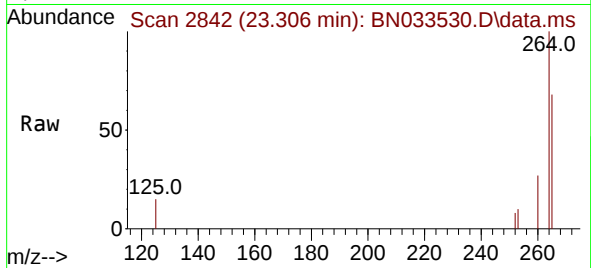
Tgt Ion:149 Resp: 1188
Ion Ratio Lower Upper
149 100
167 43.9 21.5 32.3#
279 14.6 2.2 3.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.306 min Scan# 2842
Delta R.T. -0.015 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

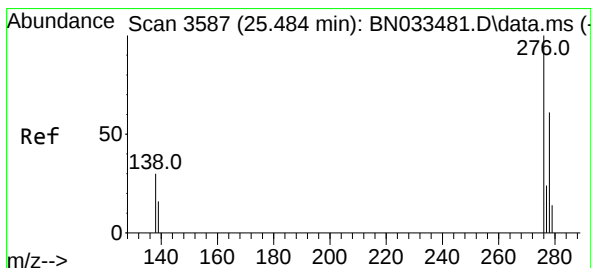
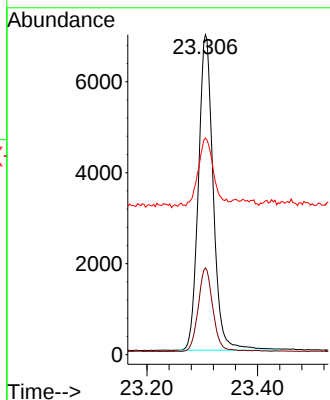
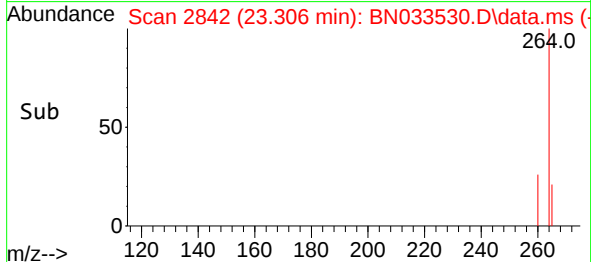
Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



Tgt Ion:264 Resp: 1292
Ion Ratio Lower Upper
264 100
260 27.1 20.8 31.2
265 67.7 52.2 78.2

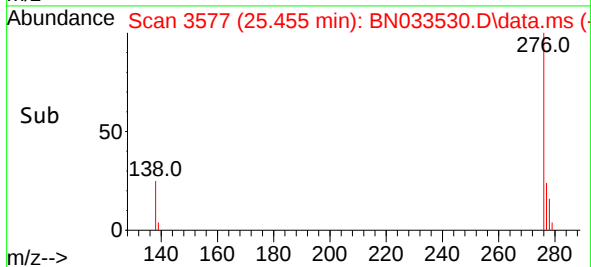
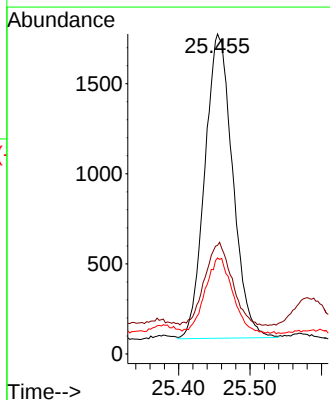
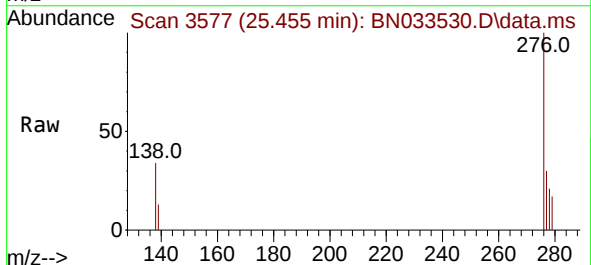
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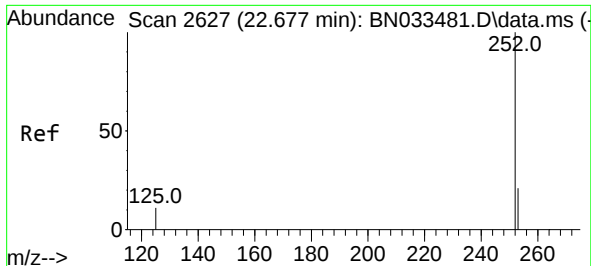
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng
RT: 25.455 min Scan# 3577
Delta R.T. -0.029 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

Tgt Ion:276 Resp: 4566
Ion Ratio Lower Upper
276 100
138 26.5 24.4 36.6
277 24.7 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.204 ng

RT: 22.665 min Scan# 2623

Delta R.T. -0.012 min

Lab File: BN033530.D

Acq: 21 Aug 2024 07:03

Instrument :

BNA_N

ClientSampleId :

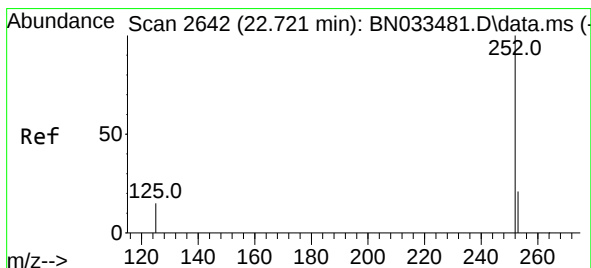
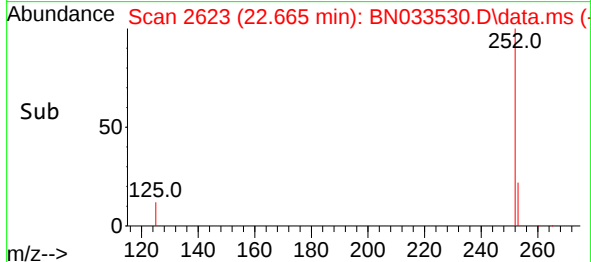
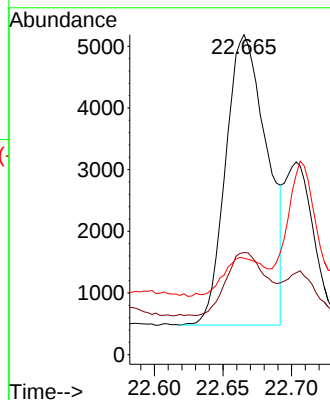
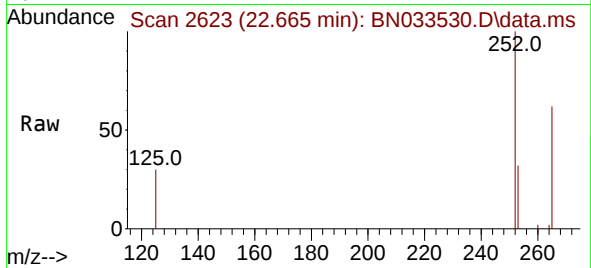
932-K1-SD-0-0.5-081524

Tgt Ion:252	Resp:	9829
Ion Ratio	Lower	Upper
252	100	
253	31.9	19.8 29.8#
125	30.2	13.9 20.9#

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#38

Benzo(k)fluoranthene

Concen: 0.083 ng m

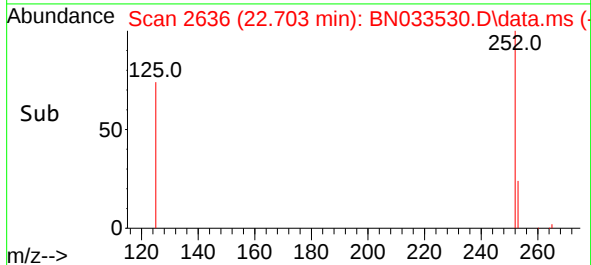
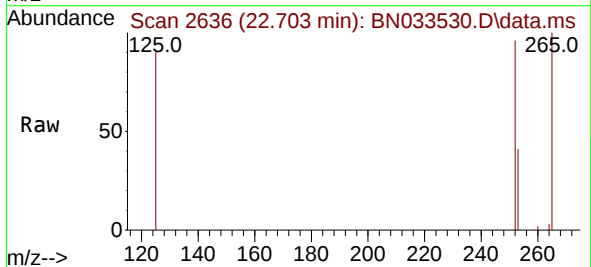
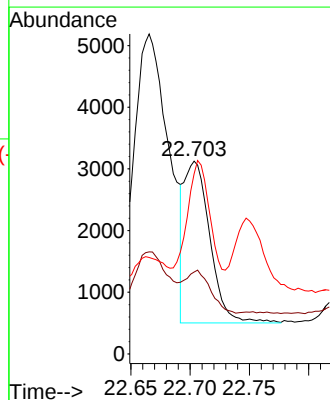
RT: 22.703 min Scan# 2636

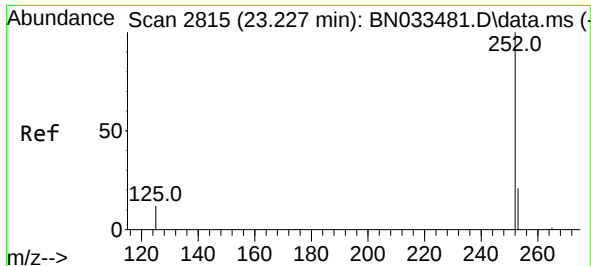
Delta R.T. -0.018 min

Lab File: BN033530.D

Acq: 21 Aug 2024 07:03

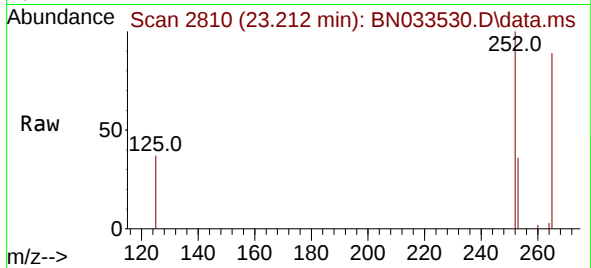
Tgt Ion:252	Resp:	3957
Ion Ratio	Lower	Upper
252	100	
253	42.4	19.8 29.8#
125	93.4	15.8 23.8#





#39
Benzo(a)pyrene
Concen: 0.144 ng
RT: 23.212 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

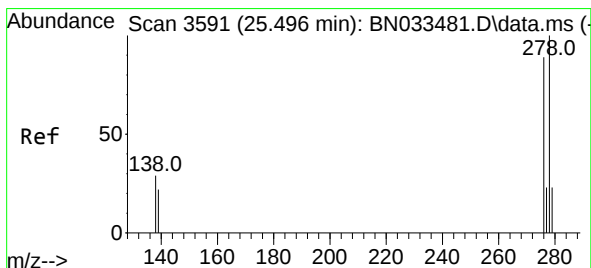
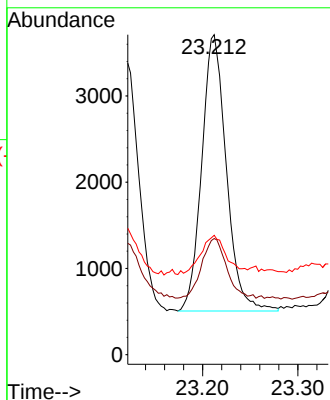
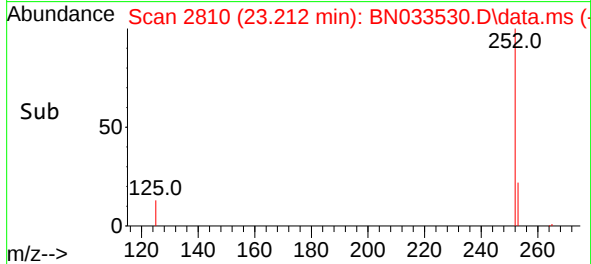
Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



Tgt Ion:252 Resp: 574
Ion Ratio Lower Upper
252 100
253 36.3 21.5 32.3#
125 37.3 17.0 25.4#

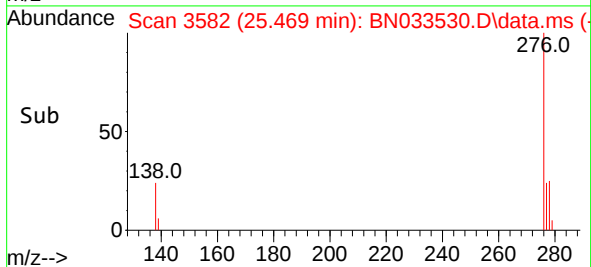
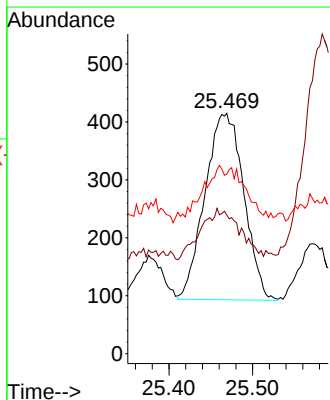
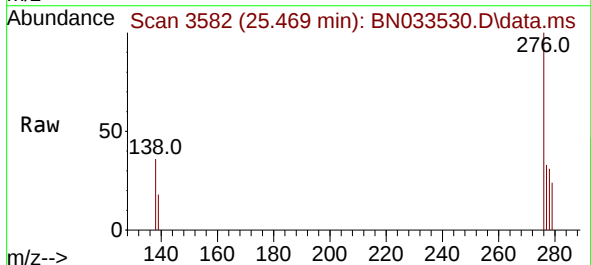
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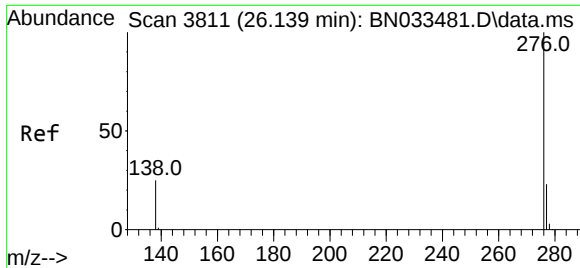
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 25.469 min Scan# 3582
Delta R.T. -0.026 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

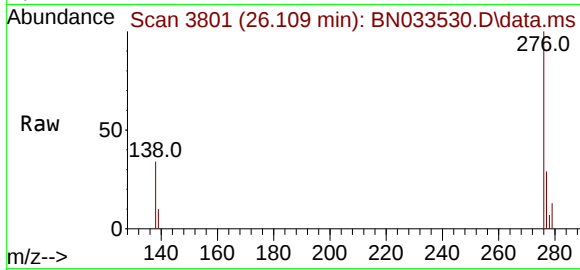
Tgt Ion:278 Resp: 1039
Ion Ratio Lower Upper
278 100
139 57.6 19.1 28.7#
279 74.7 21.0 31.4#





#41
Benzo(g,h,i)perylene
Concen: 0.111 ng
RT: 26.109 min Scan# 3811
Delta R.T. -0.029 min
Lab File: BN033530.D
Acq: 21 Aug 2024 07:03

Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524



Tgt Ion:	276	Resp:	508
Ion Ratio	Lower	Upper	
276	100		
277	28.6	19.7	29.5
138	34.1	21.8	32.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

