

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
 Data File : BN022485.D
 Acq On : 03 Nov 2022 19:52
 Operator : CG/JU
 Sample : N5395-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-1-103122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/04/2022
 Supervised By : Sohil Jodhani 11/04/2022

Quant Time: Nov 04 04:07:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 03:28:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	2563	0.400	ng	0.00
7) Naphthalene-d8	10.752	136	10204	0.400	ng	0.00
13) Acenaphthene-d10	14.600	164	6495	0.400	ng	0.00
19) Phenanthrene-d10	17.350	188	14032	0.400	ng	# 0.00
29) Chrysene-d12	21.555	240	12321	0.400	ng	# 0.00
35) Perylene-d12	24.005	264	11007	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	2281	0.315	ng	0.00
5) Phenol-d6	7.090	99	2541	0.279	ng	0.00
8) Nitrobenzene-d5	9.108	82	2083	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.349	152	3813	0.223	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	582	0.171	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	6201	0.229	ng	0.00
27) Fluoranthene-d10	19.390	212	8472	0.221	ng	0.00
31) Terphenyl-d14	19.989	244	8048	0.210	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.795	128	7628	0.247	ng	100
16) Acenaphthylene	14.311	152	55888	1.695	ng	99
17) Acenaphthene	14.664	154	8866	0.417	ng	97
18) Fluorene	15.647	166	97010	3.258	ng	100
25) Phenanthrene	17.387	178	831799	17.736	ng	100
26) Anthracene	17.487	178	291720	7.070	ng	100
28) Fluoranthene	19.424	202	810354	16.033	ng	98
30) Pyrene	19.786	202	569061	10.697	ng	99
32) Benzo(a)anthracene	21.537	228	289390	5.841	ng	98
33) Chrysene	21.591	228	235243	4.794	ng	97
34) Bis(2-ethylhexyl)phtha...	21.457	149	4383	0.105	ng	98
36) Indeno(1,2,3-cd)pyrene	26.578	276	97327	1.836	ng	95
37) Benzo(b)fluoranthene	23.257	252	250447	5.787	ng	# 90
38) Benzo(k)fluoranthene	23.301	252	98567m	2.233	ng	
39) Benzo(a)pyrene	23.897	252	194634m	5.251	ng	
40) Dibenzo(a,h)anthracene	26.590	278	23714	0.562	ng	98
41) Benzo(g,h,i)perylene	27.370	276	80240	1.792	ng	96

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

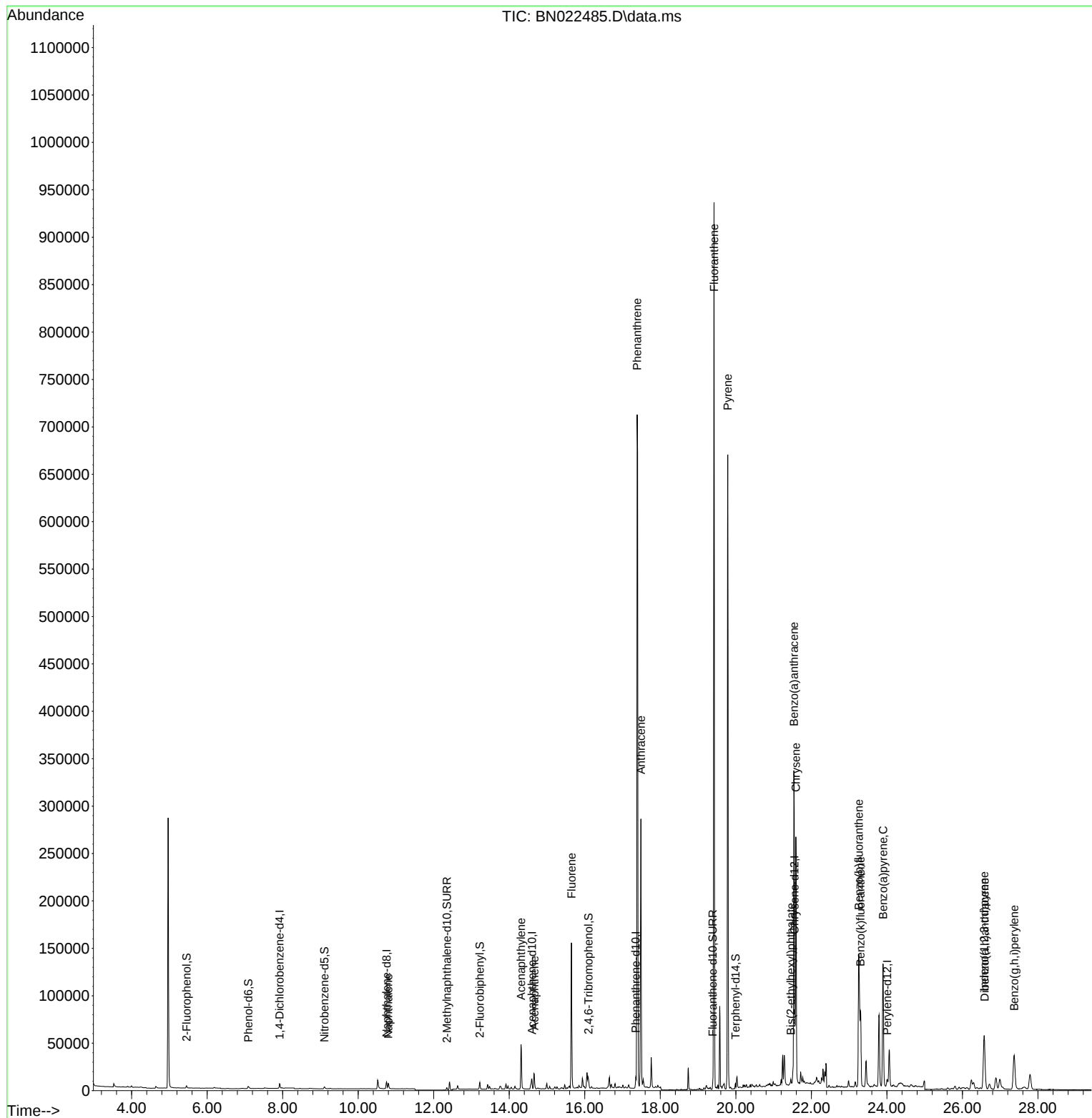
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022485.D
Acq On : 03 Nov 2022 19:52
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Sample : N5395-01
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ALS Vial : 12 Sample Multiplier: 1

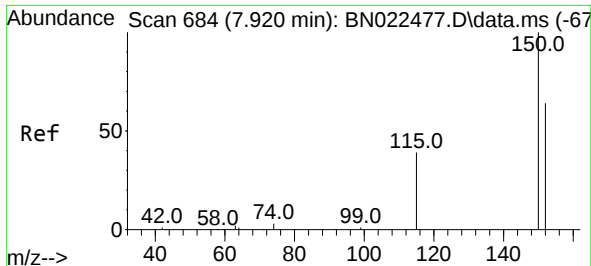
Instrument :
BNA_N
ClientSampleId :
S-1-103122

Quant Time: Nov 04 04:07:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:28:17 2022
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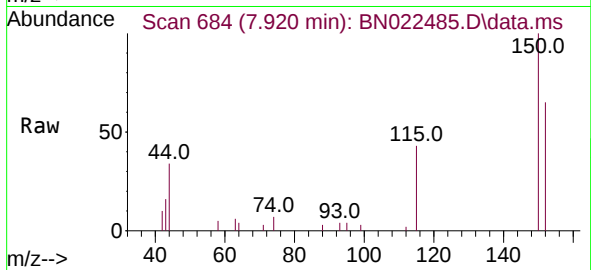
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.920 min Scan# 684
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

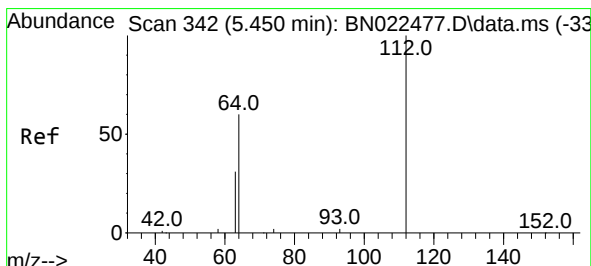
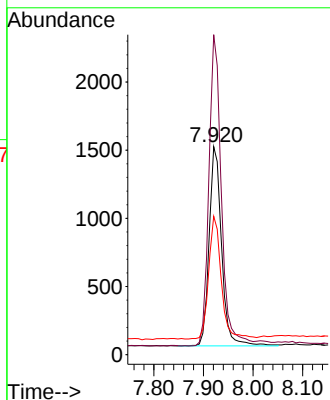
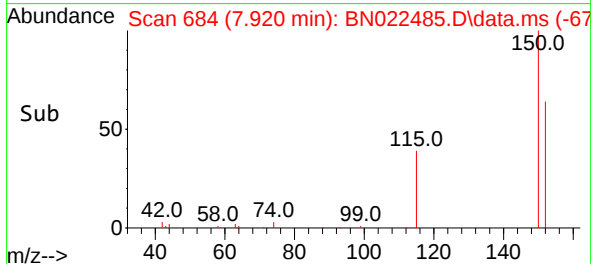
Instrument :
BNA_N
ClientSampleId :
S-1-103122



Tgt Ion:152 Resp: 2563
Ion Ratio Lower Upper
152 100
150 153.9 123.4 185.2
115 66.5 54.9 82.3

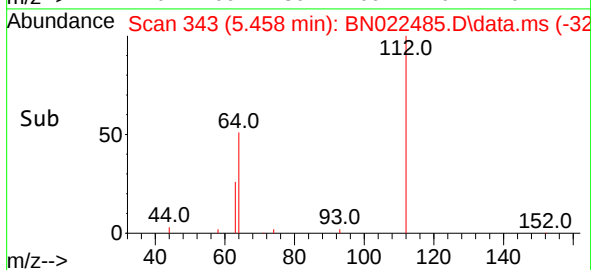
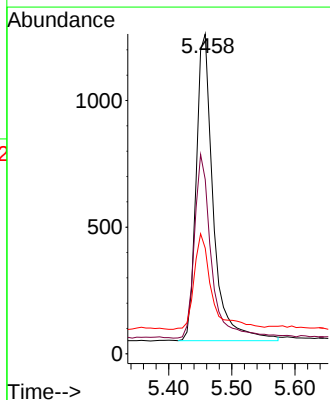
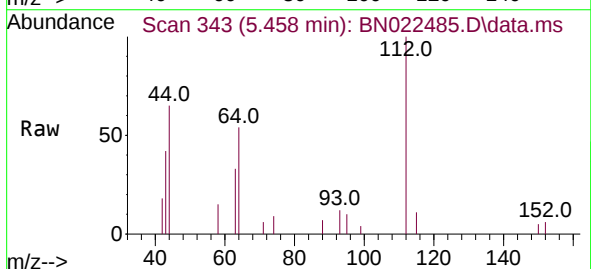
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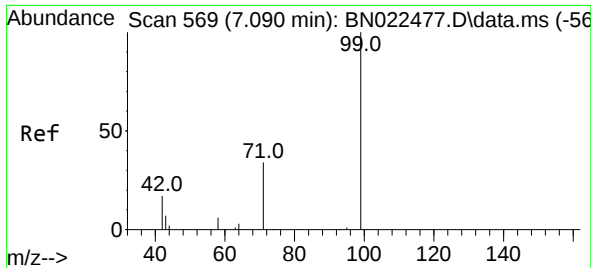
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#4
2-Fluorophenol
Concen: 0.315 ng
RT: 5.458 min Scan# 343
Delta R.T. 0.007 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:112 Resp: 2281
Ion Ratio Lower Upper
112 100
64 59.7 47.1 70.7
63 32.2 24.6 36.8





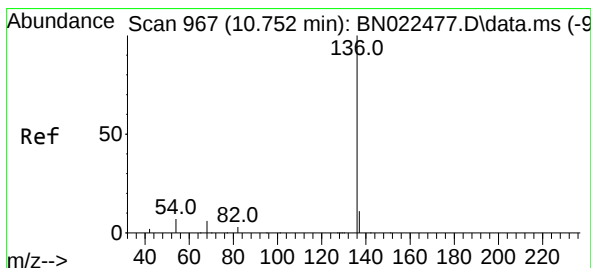
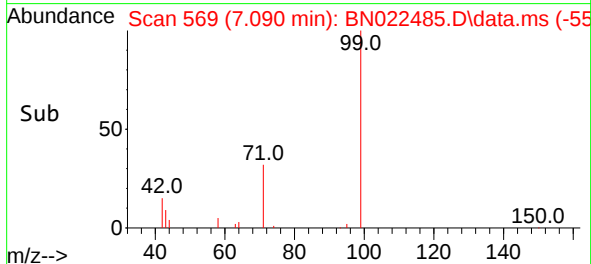
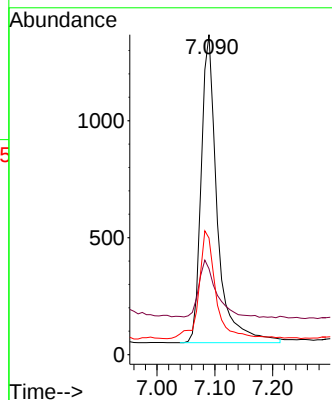
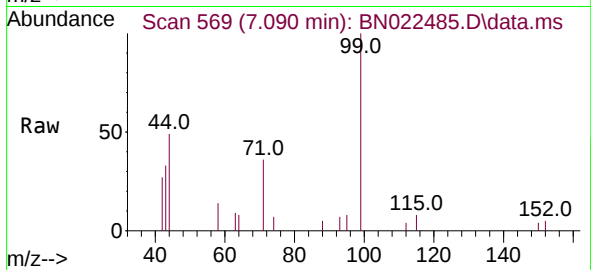
#5
Phenol-d6
Concen: 0.279 ng
RT: 7.090 min Scan# 569
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Instrument :
BNA_N
ClientSampleId :
S-1-103122

Tgt Ion: 99 Resp: 254
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 36.8 27.0 40.6

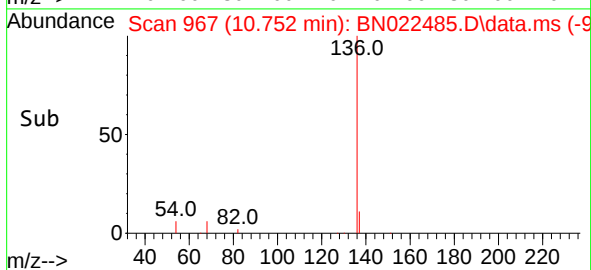
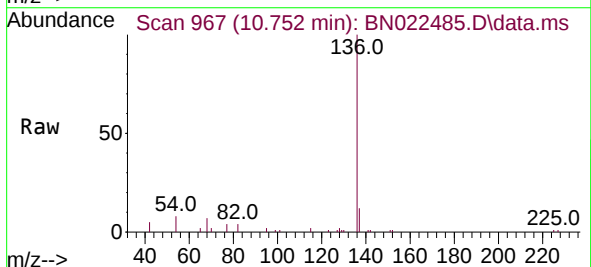
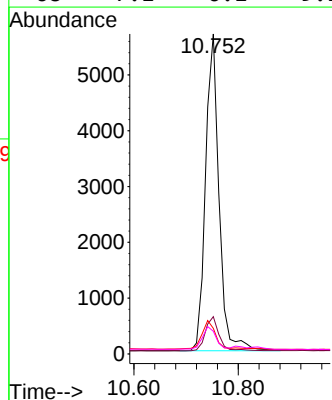
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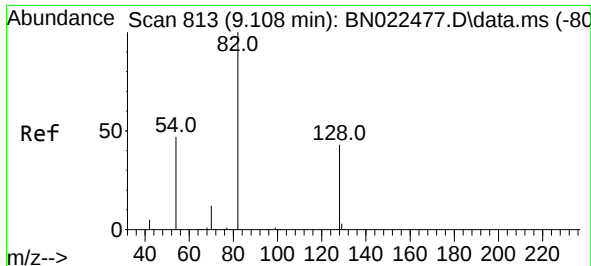
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:136 Resp: 10204
Ion Ratio Lower Upper
136 100
137 11.6 9.5 14.3
54 8.0 7.1 10.7
68 7.1 6.1 9.1





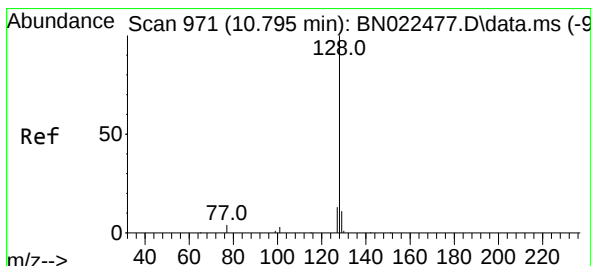
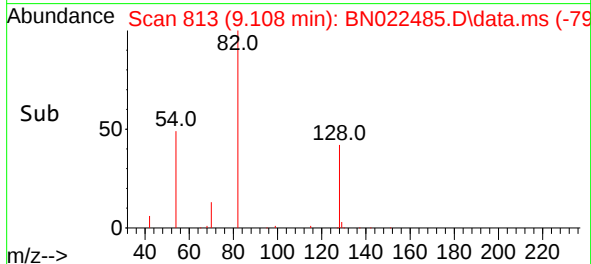
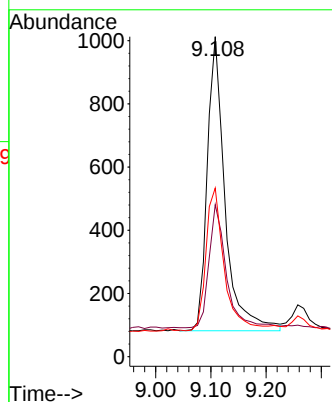
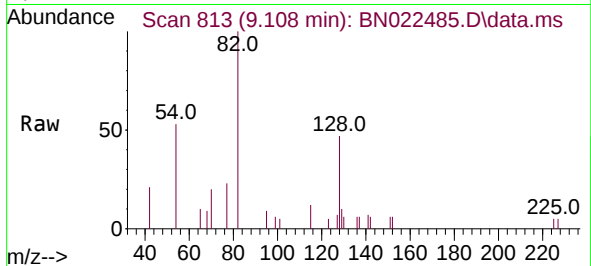
#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 9.108 min Scan# 813
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Instrument :
BNA_N
ClientSampleId :
S-1-103122

Tgt Ion: 82 Resp: 2083
Ion Ratio Lower Upper
82 100
128 47.5 37.3 55.9
54 52.7 40.0 60.0

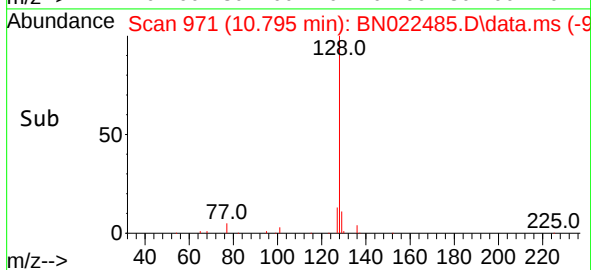
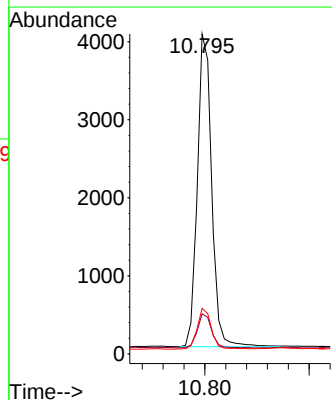
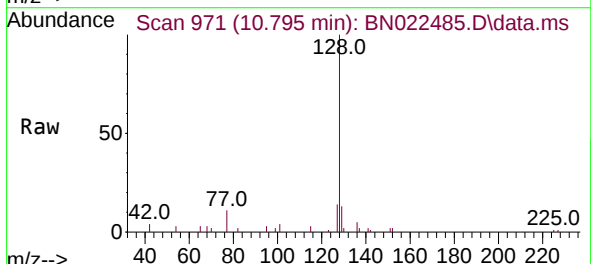
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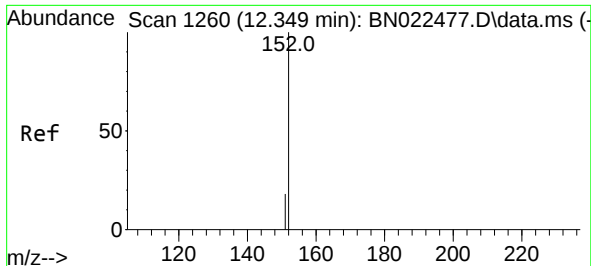
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#9
Naphthalene
Concen: 0.247 ng
RT: 10.795 min Scan# 971
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

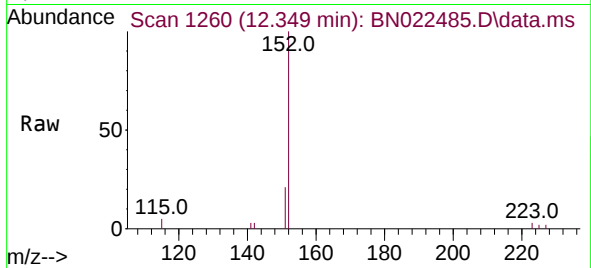
Tgt Ion:128 Resp: 7628
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 14.2 11.4 17.2





#11
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 12.349 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

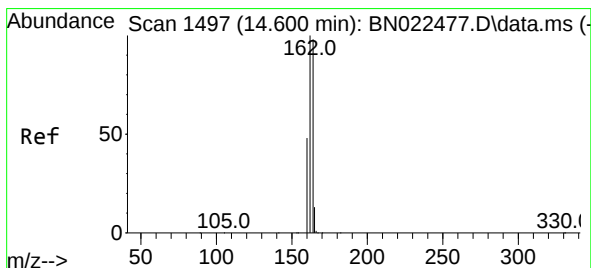
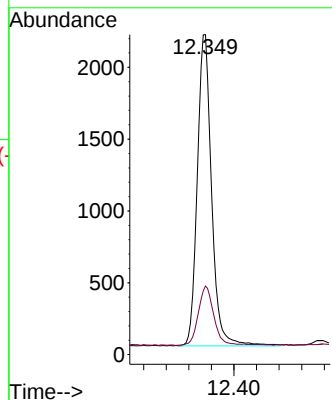
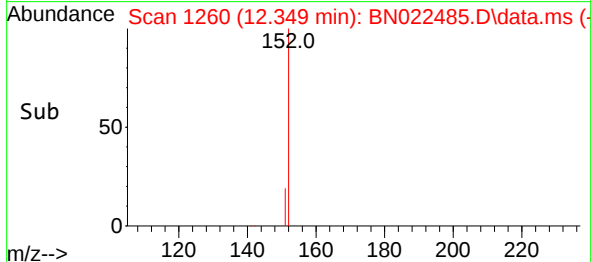
Instrument :
BNA_N
ClientSampleId :
S-1-103122



Tgt Ion:152 Resp: 3813
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0

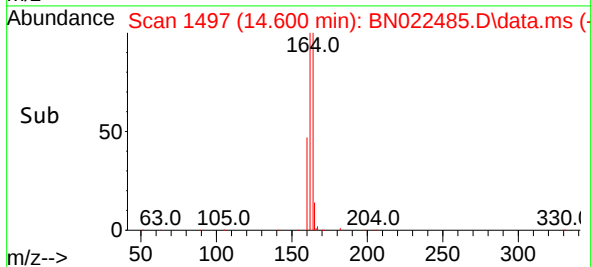
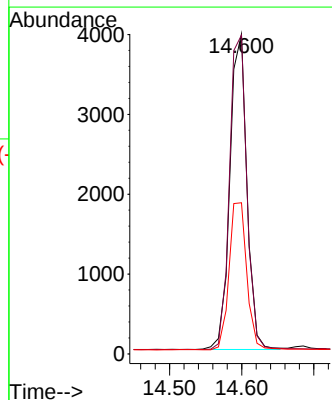
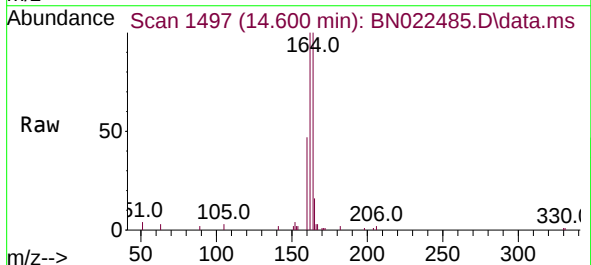
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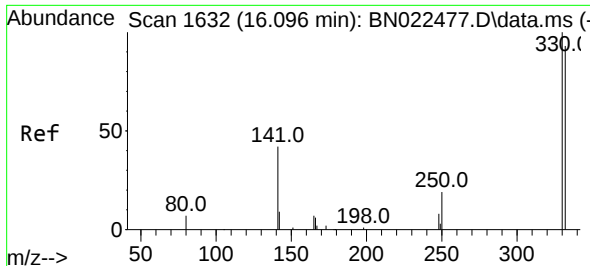
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.600 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

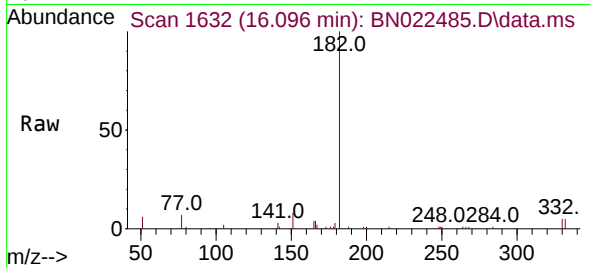
Tgt Ion:164 Resp: 6495
Ion Ratio Lower Upper
164 100
162 99.6 82.0 123.0
160 47.2 39.4 59.2





#14
2,4,6-Tribromophenol
Concen: 0.171 ng
RT: 16.096 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

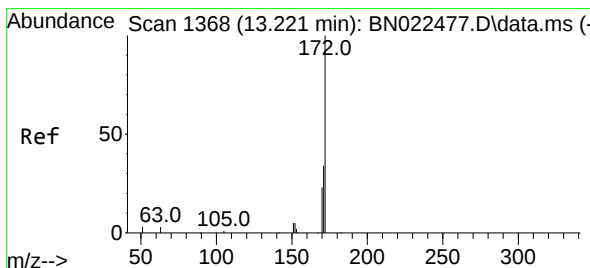
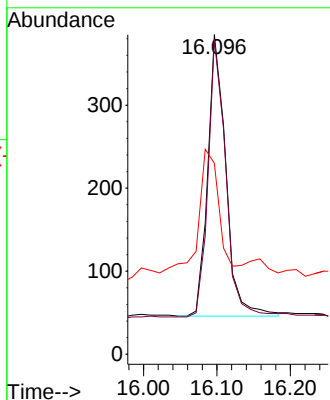
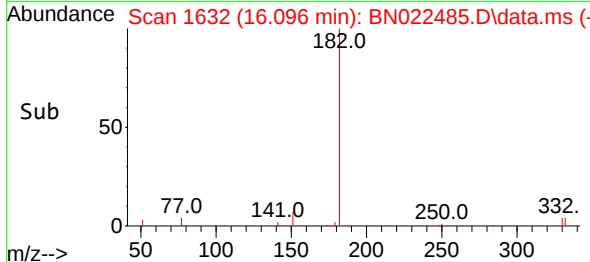
Instrument :
BNA_N
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S-1-103122



Tgt Ion: 330 Resp: 582
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 49.0 35.0 52.6

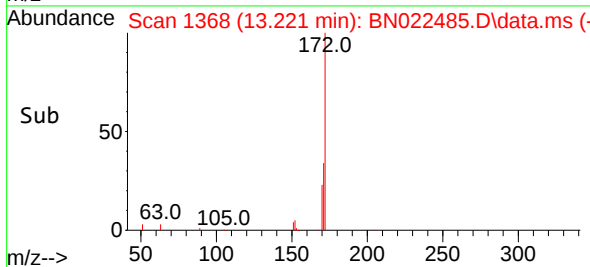
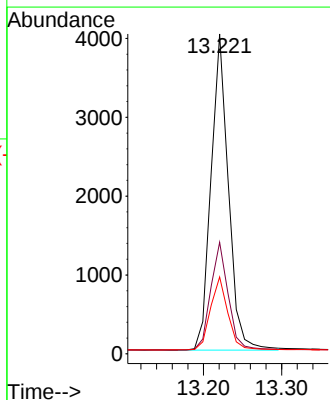
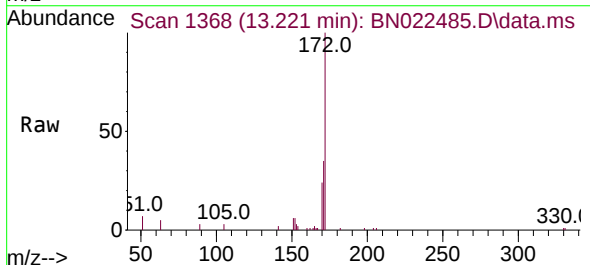
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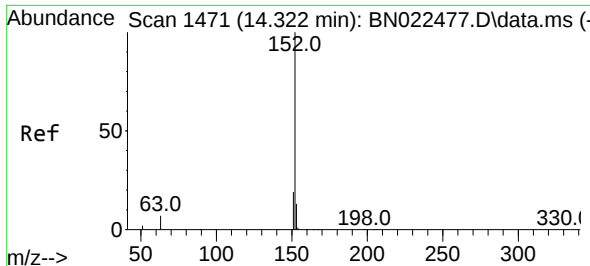
Reviewed By : Christian Giraldo 11/04/2022
Supervised By : Sohil Jodhani 11/04/2022



#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 13.221 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion: 172 Resp: 6201
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 24.0 19.2 28.8





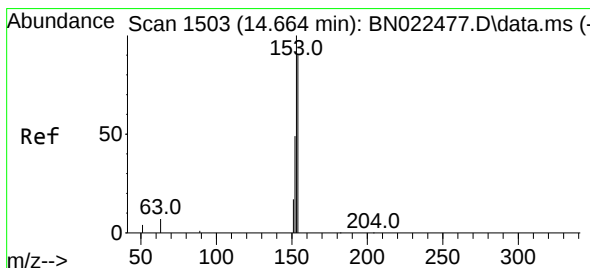
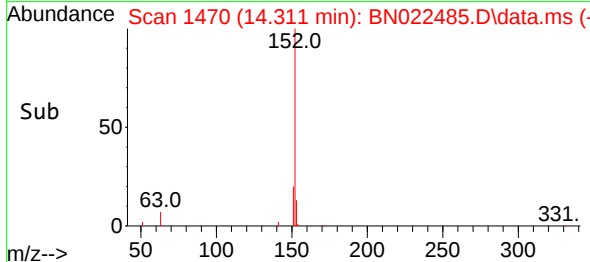
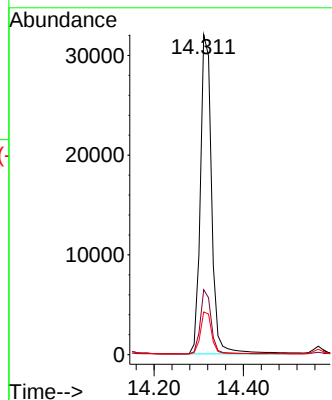
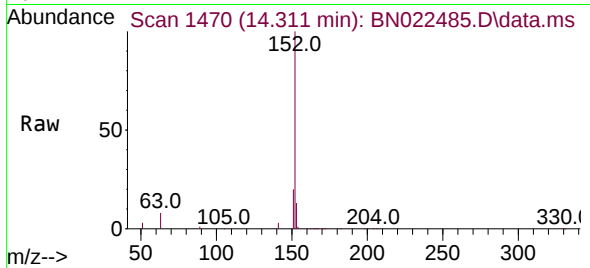
#16
Acenaphthylene
Concen: 1.695 ng
RT: 14.311 min Scan# 1471
Delta R.T. -0.011 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Instrument :
BNA_N
ClientSampleId :
S-1-103122

Tgt Ion:152 Resp: 5588
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.2 10.3 15.5

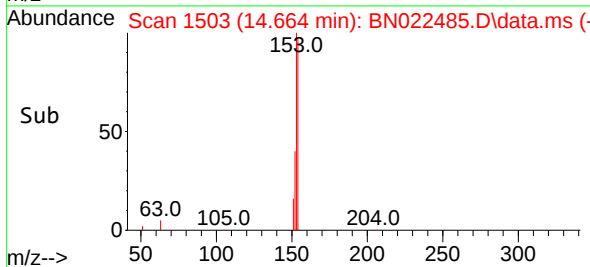
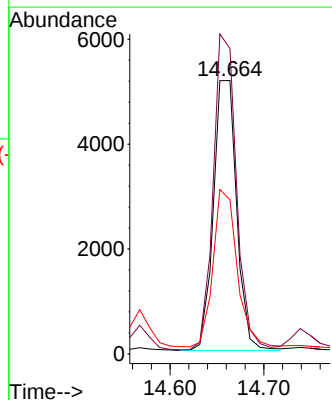
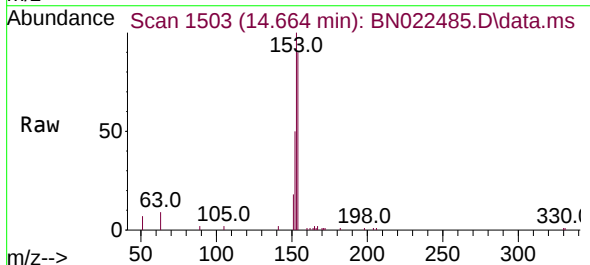
Manual Integrations
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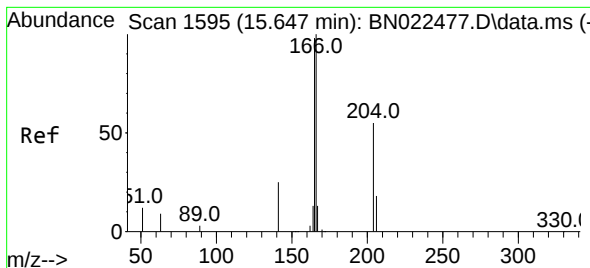
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#17
Acenaphthene
Concen: 0.417 ng
RT: 14.664 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:154 Resp: 8866
Ion Ratio Lower Upper
154 100
153 116.3 91.8 137.8
152 61.8 45.7 68.5





#18

Fluorene

Concen: 3.258 ng

RT: 15.647 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

Instrument :

BNA_N

ClientSampleId :

S-1-103122

Tgt Ion:166 Resp: 97010

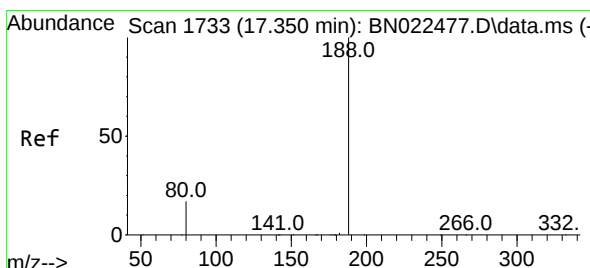
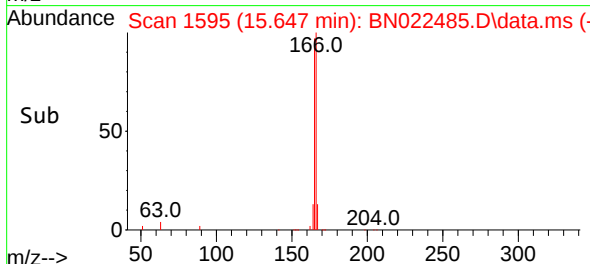
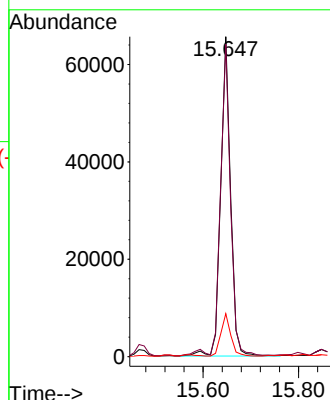
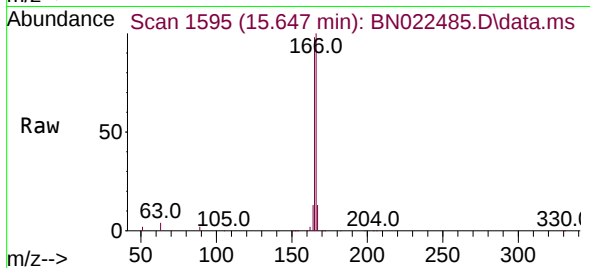
Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.7	118.1
167	12.9	10.2	15.2

Manual Integrations

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Supervised By :Sohil Jodhani 11/04/2022



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.350 min Scan# 1733

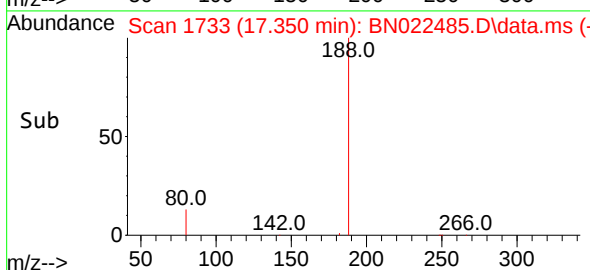
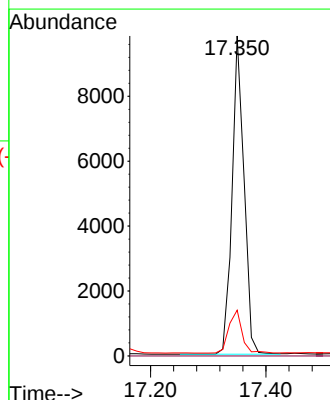
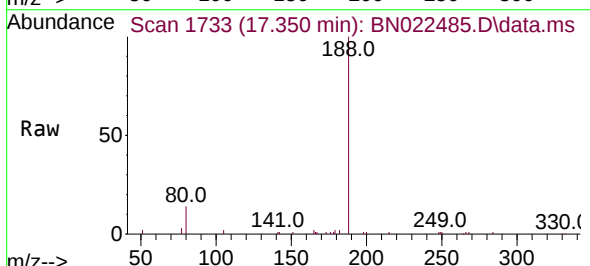
Delta R.T. 0.000 min

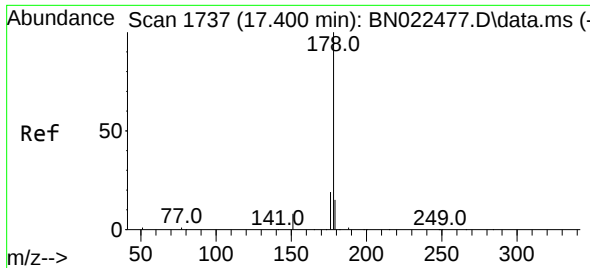
Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

Tgt Ion:188 Resp: 14032

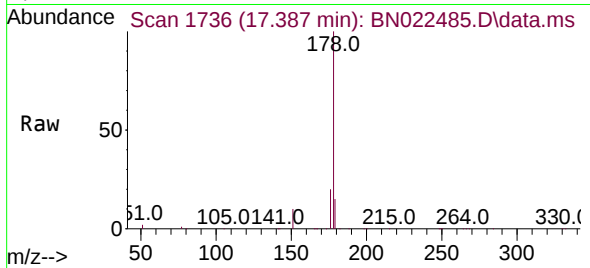
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	14.6	21.8





#25
Phenanthrene
Concen: 17.736 ng
RT: 17.387 min Scan# 1736
Delta R.T. -0.013 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

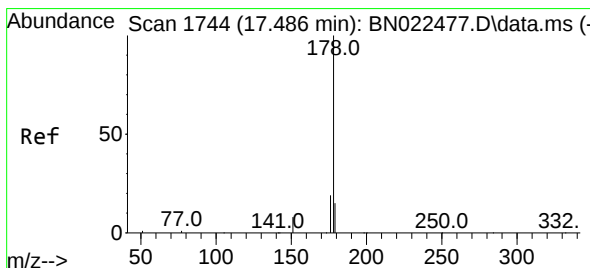
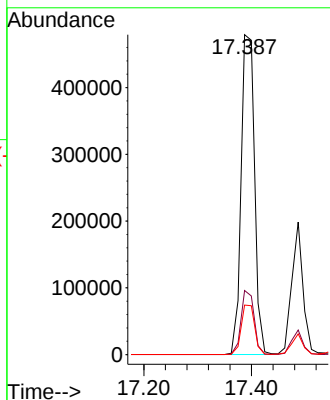
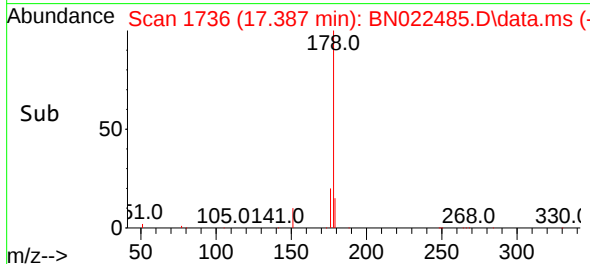
Instrument :
BNA_N
ClientSampleId :
S-1-103122



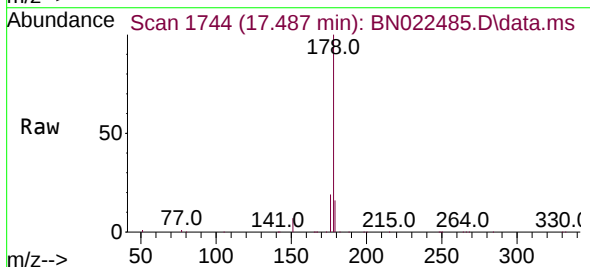
Tgt Ion:178 Resp: 831799
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.5 12.2 18.4

Manual Integrations
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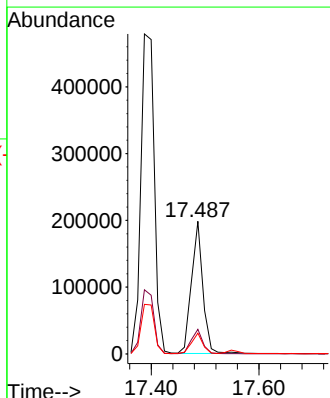
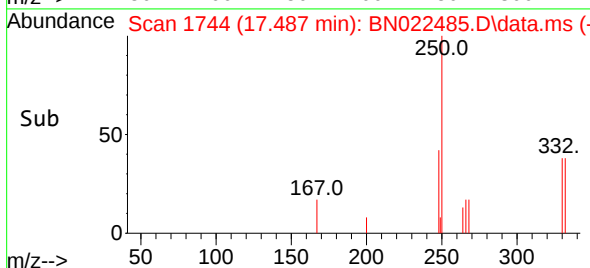
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

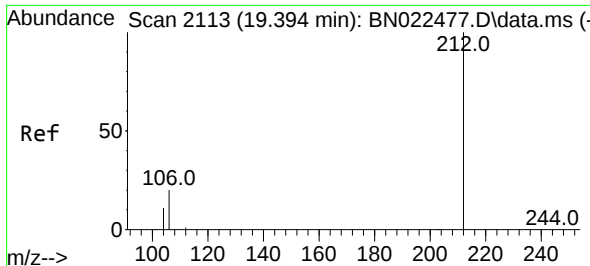


#26
Anthracene
Concen: 7.070 ng
RT: 17.487 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52



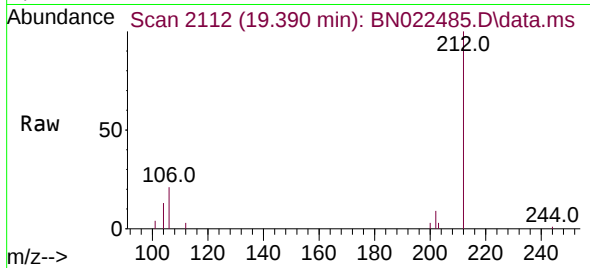
Tgt Ion:178 Resp: 291720
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.2 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.221 ng
RT: 19.390 min Scan# 2113
Delta R.T. -0.004 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

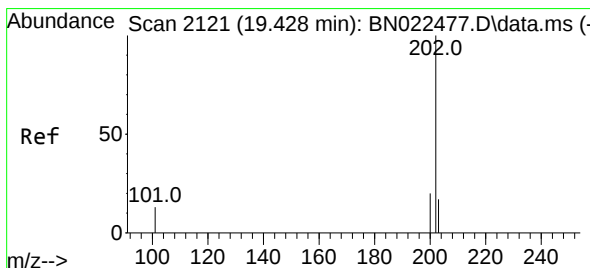
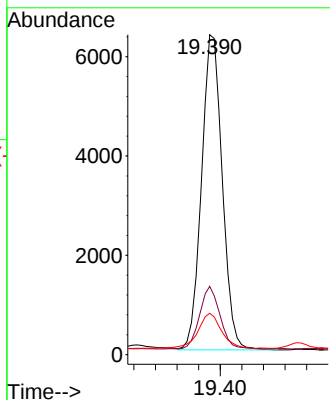
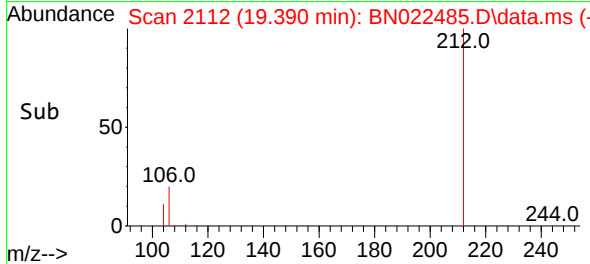
Instrument :
BNA_N
ClientSampleId :
S-1-103122



Tgt Ion:212 Resp: 8472
Ion Ratio Lower Upper
212 100
106 19.4 15.2 22.8
104 12.8 8.6 12.8

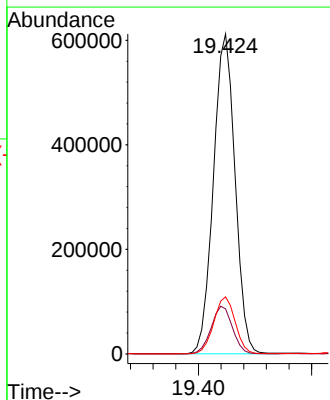
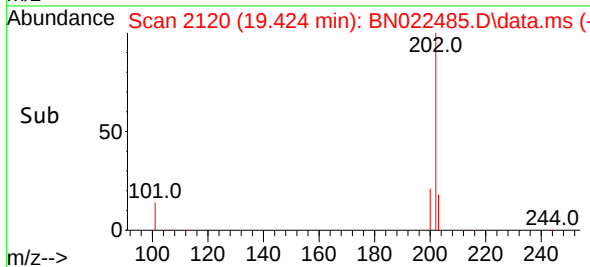
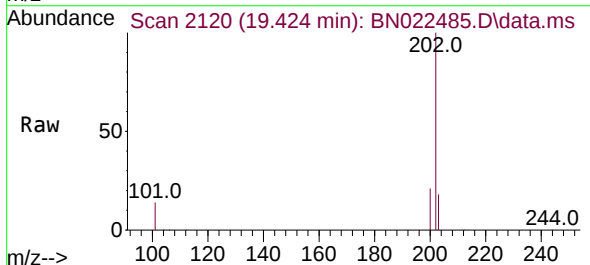
Manual Integrations
APPROVED

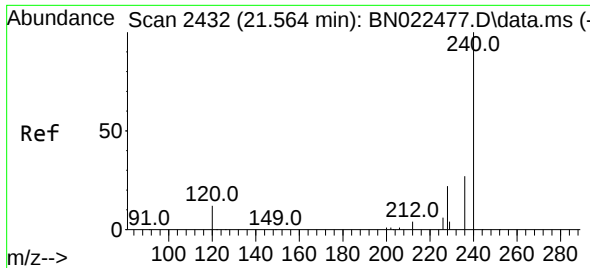
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#28
Fluoranthene
Concen: 16.033 ng
RT: 19.424 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

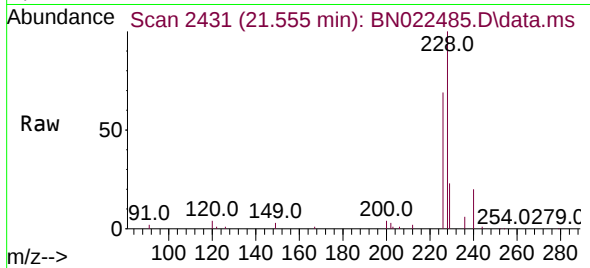
Tgt Ion:202 Resp: 810354
Ion Ratio Lower Upper
202 100
101 14.7 11.2 16.8
203 17.6 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.555 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

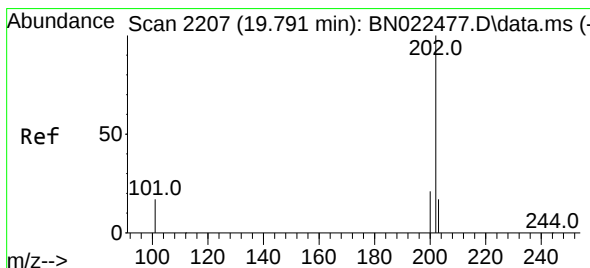
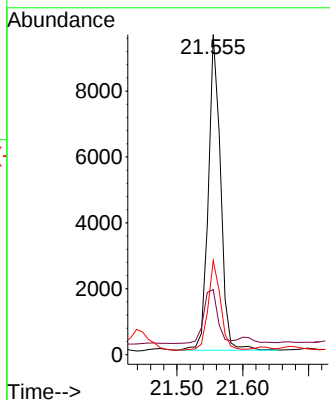
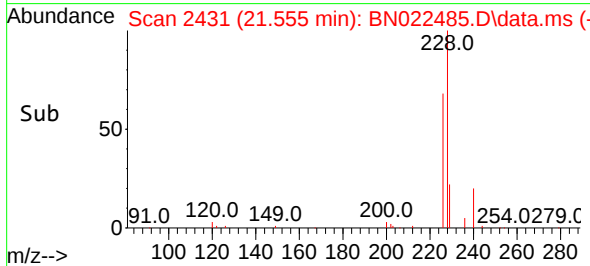
Instrument :
BNA_N
ClientSampleId :
S-1-103122



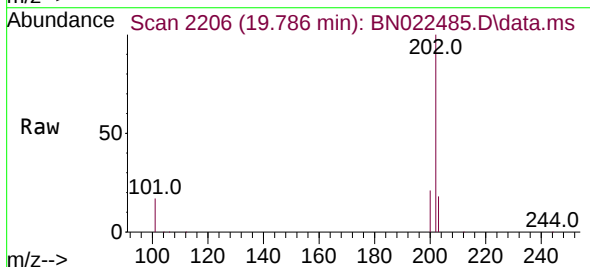
Tgt Ion:240 Resp: 1232
Ion Ratio Lower Upper
240 100
120 20.3 12.4 18.6
236 29.4 22.7 34.1

Manual Integrations
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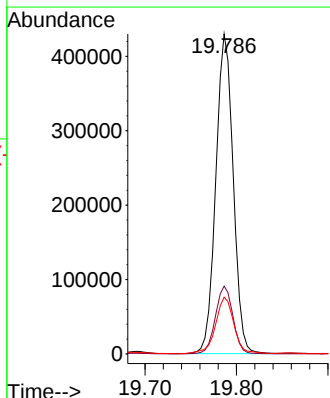
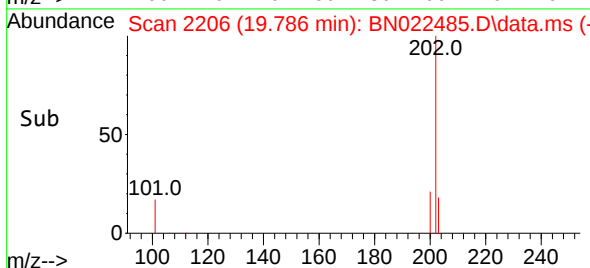
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

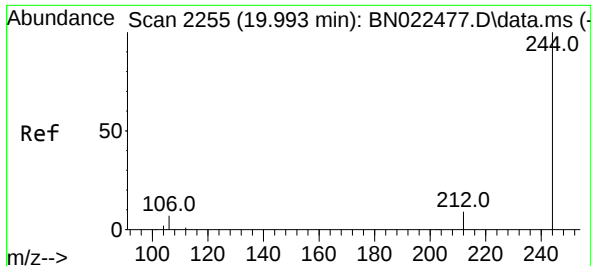


#30
Pyrene
Concen: 10.697 ng
RT: 19.786 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52



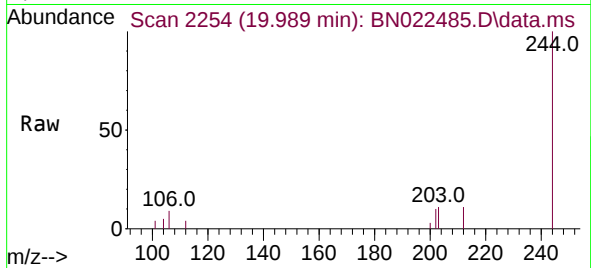
Tgt Ion:202 Resp: 569061
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.7 14.3 21.5





#31
Terphenyl-d14
Concen: 0.210 ng
RT: 19.989 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

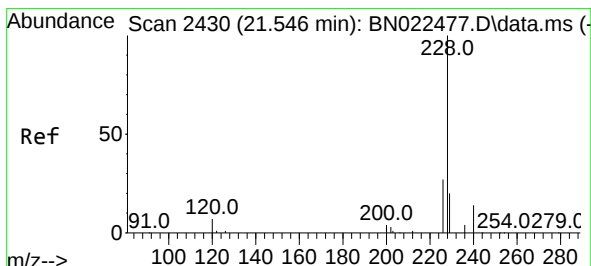
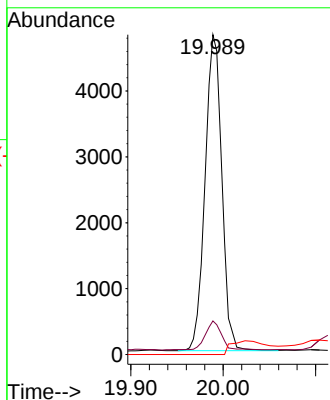
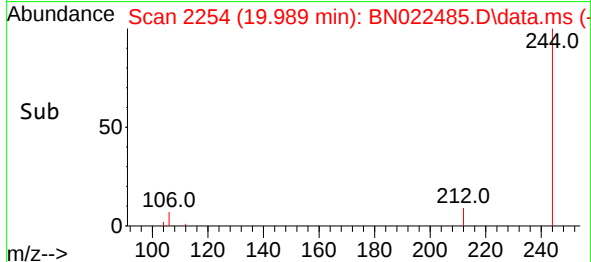
Instrument :
BNA_N
ClientSampleId :
S-1-103122



Tgt Ion:244 Resp: 8048
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.8
122 0.0 0.0 0.0

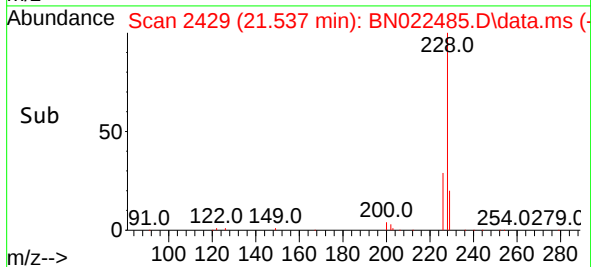
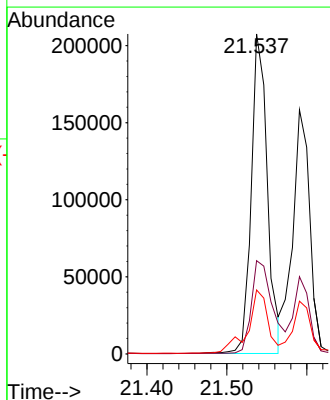
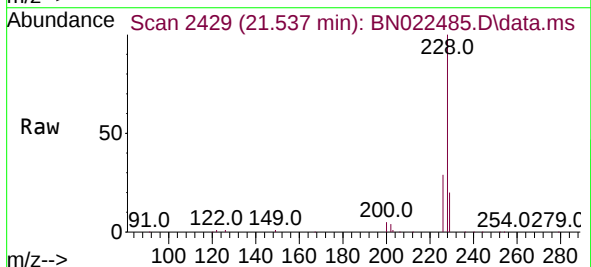
Manual Integrations
APPROVED

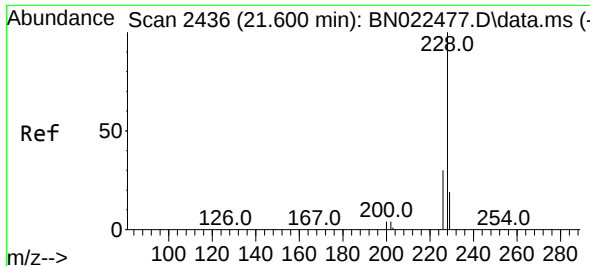
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#32
Benzo(a)anthracene
Concen: 5.841 ng
RT: 21.537 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

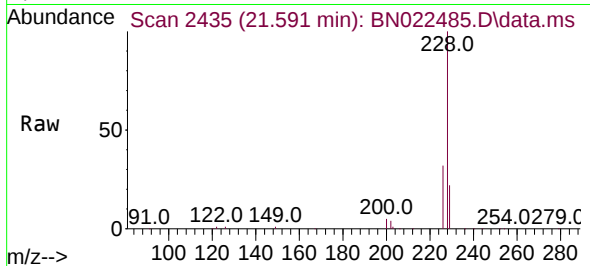
Tgt Ion:228 Resp: 289390
Ion Ratio Lower Upper
228 100
226 29.1 22.1 33.1
229 20.0 16.4 24.6





#33
Chrysene
Concen: 4.794 ng
RT: 21.591 min Scan# 2436
Delta R.T. -0.009 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

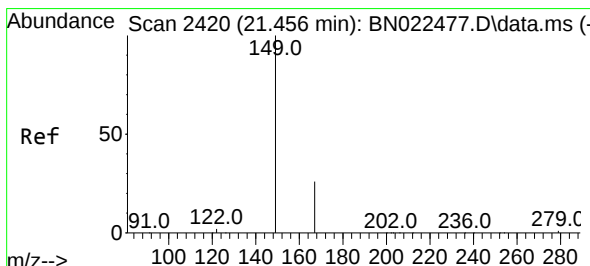
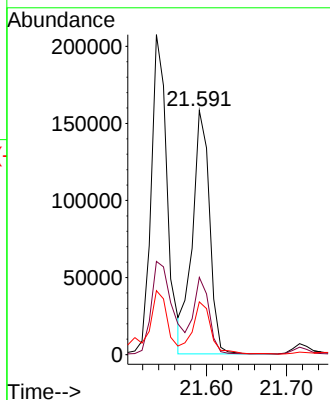
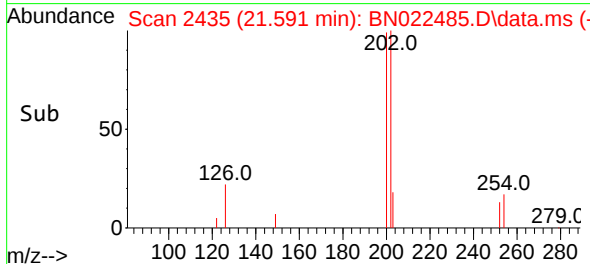
Instrument :
BNA_N
ClientSampleId :
S-1-103122



Tgt Ion:228 Resp: 235243
Ion Ratio Lower Upper
228 100
226 31.6 24.1 36.1
229 21.6 15.9 23.9

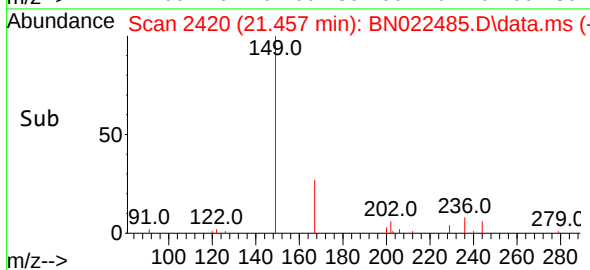
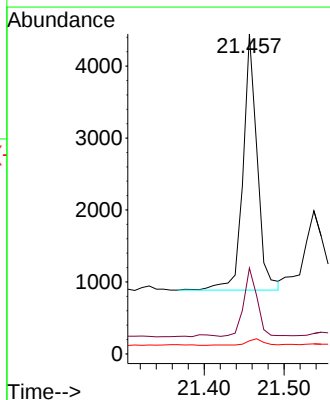
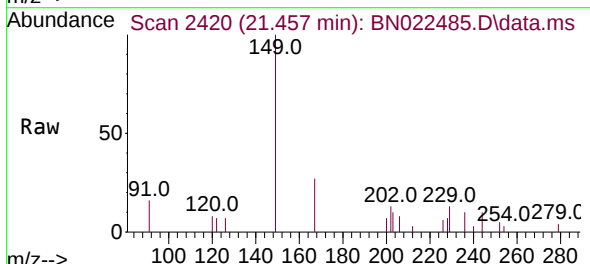
Manual Integrations
APPROVED

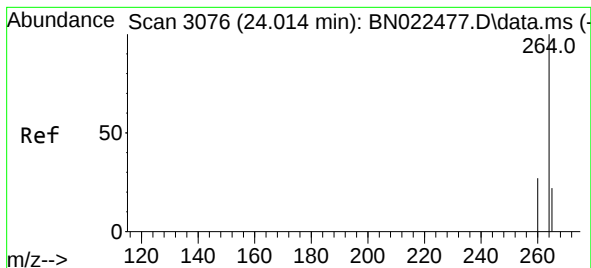
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.457 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Tgt Ion:149 Resp: 4383
Ion Ratio Lower Upper
149 100
167 25.3 21.3 31.9
279 3.0 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.005 min Scan# 3076

Delta R.T. -0.009 min

Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

Instrument :

BNA_N

ClientSampleId :

S-1-103122

Tgt Ion:264 Resp: 11007

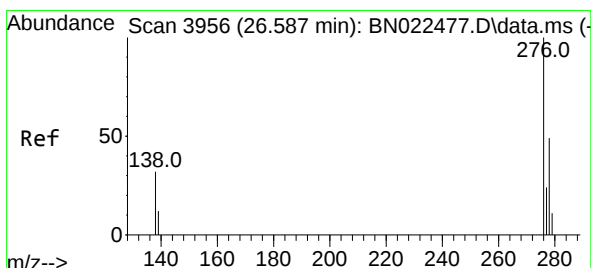
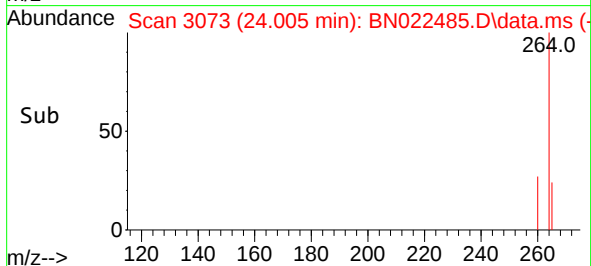
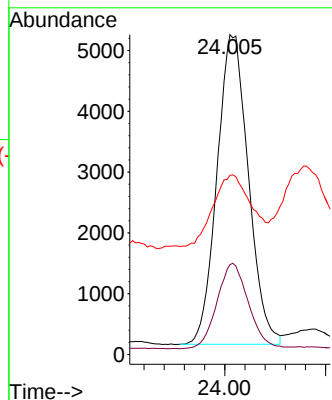
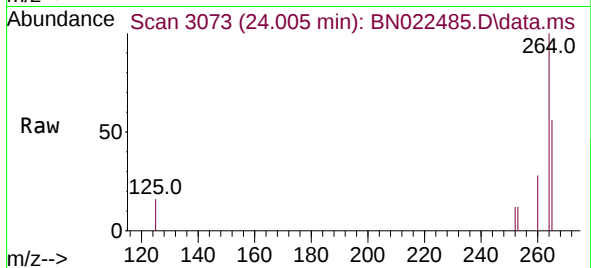
Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.4	33.6
265	56.0	44.4	66.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/04/2022

Supervised By :Sohil Jodhani 11/04/2022



#36

Indeno(1,2,3-cd)pyrene

Concen: 1.836 ng

RT: 26.578 min Scan# 3953

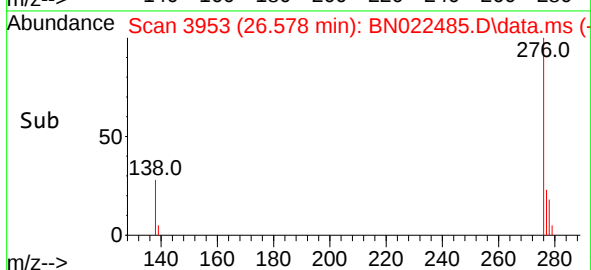
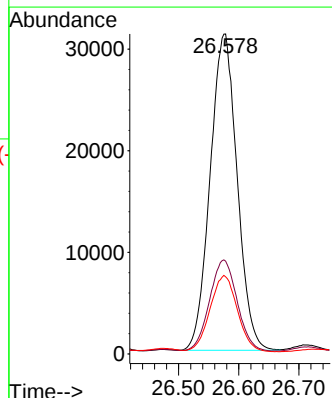
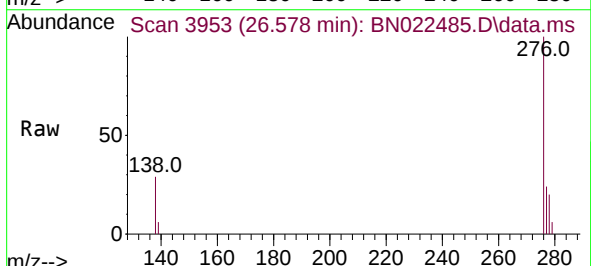
Delta R.T. -0.009 min

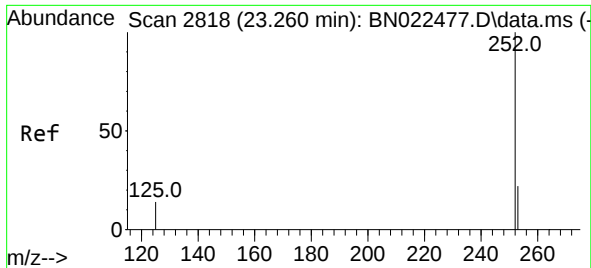
Lab File: BN022485.D

Acq: 03 Nov 2022 19:52

Tgt Ion:276 Resp: 97327

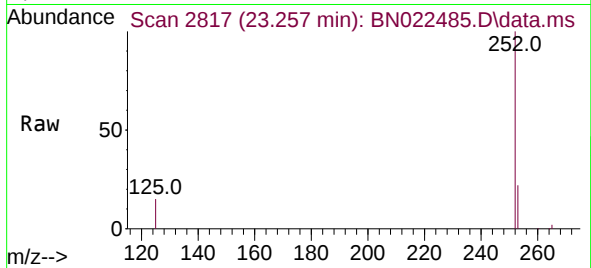
Ion	Ratio	Lower	Upper
276	100		
138	29.4	27.5	41.3
277	24.4	19.8	29.6





#37
Benzo(b)fluoranthene
Concen: 5.787 ng
RT: 23.257 min Scan# 2817
Delta R.T. -0.003 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

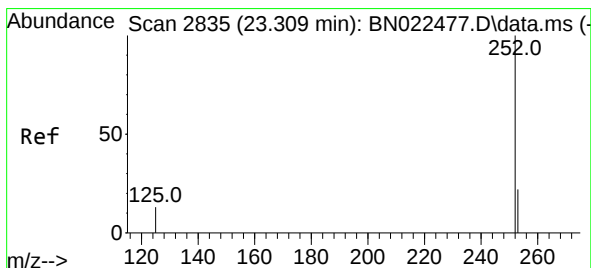
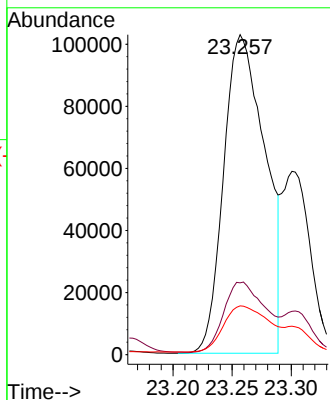
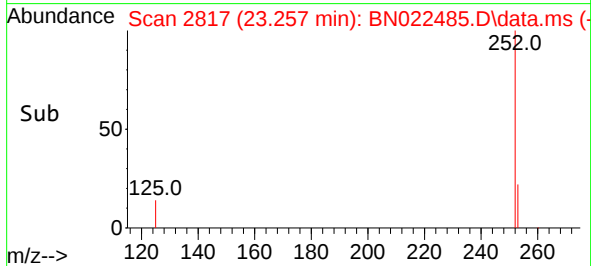
Instrument :
BNA_N
ClientSampleId :
S-1-103122



Tgt Ion:252 Resp: 250447
Ion Ratio Lower Upper
252 100
253 22.4 21.1 31.7
125 15.2 16.8 25.2

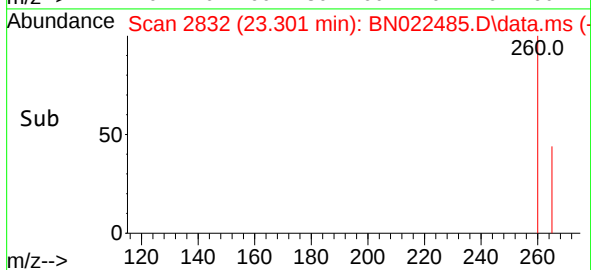
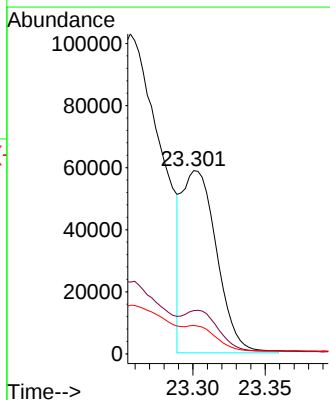
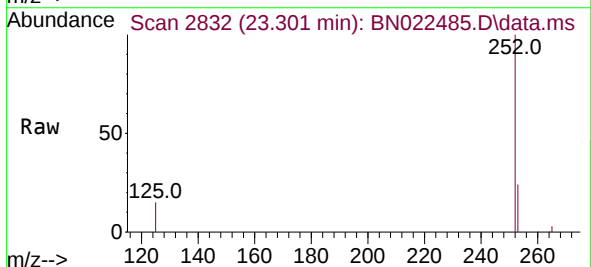
Manual Integrations
APPROVED

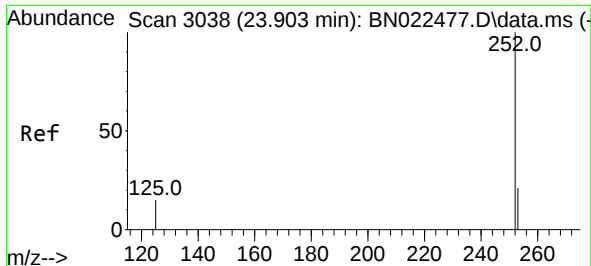
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#38
Benzo(k)fluoranthene
Concen: 2.233 ng m
RT: 23.301 min Scan# 2832
Delta R.T. -0.009 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

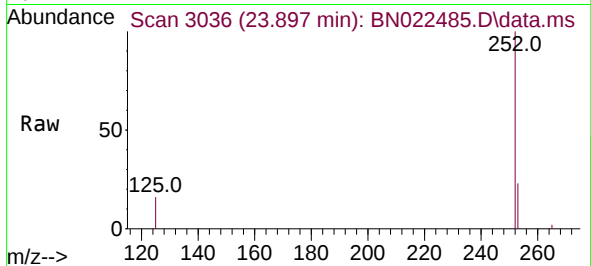
Tgt Ion:252 Resp: 98567
Ion Ratio Lower Upper
252 100
253 23.6 20.9 31.3
125 15.5 16.1 24.1





#39
Benzo(a)pyrene
Concen: 5.251 ng m
RT: 23.897 min Scan# 3038
Delta R.T. -0.006 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

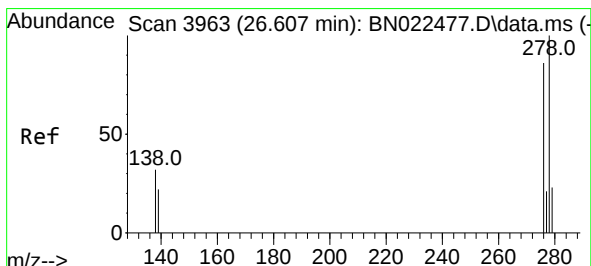
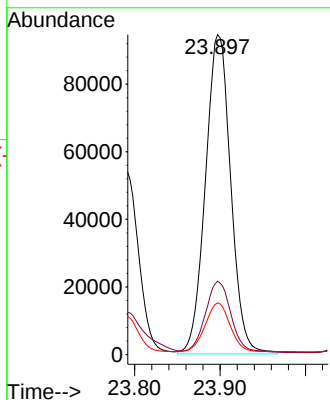
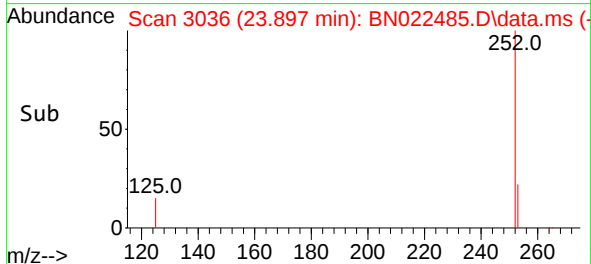
Instrument :
BNA_N
ClientSampleId :
S-1-103122



Tgt Ion:252 Resp: 194634
Ion Ratio Lower Upper
252 100
253 23.0 22.0 33.0
125 16.2 19.8 29.8

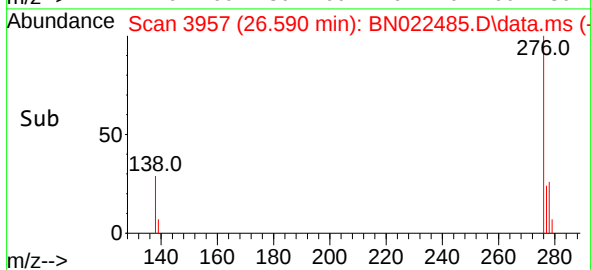
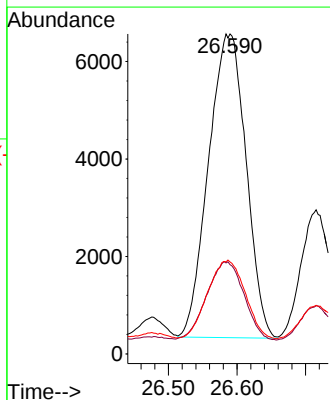
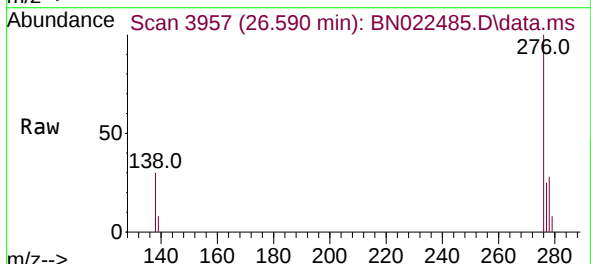
Manual Integrations
APPROVED

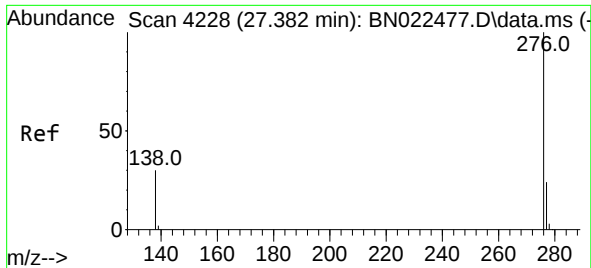
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.562 ng
RT: 26.590 min Scan# 3957
Delta R.T. -0.017 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

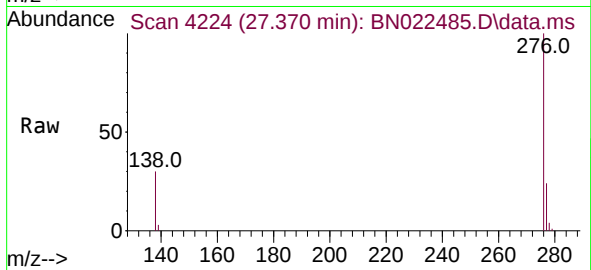
Tgt Ion:278 Resp: 23714
Ion Ratio Lower Upper
278 100
139 27.9 21.8 32.6
279 28.7 21.5 32.3





#41
Benzo(g,h,i)perylene
Concen: 1.792 ng
RT: 27.370 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN022485.D
Acq: 03 Nov 2022 19:52

Instrument :
BNA_N
ClientSampleId :
S-1-103122



Tgt Ion:276 Resp: 80240
Ion Ratio Lower Upper
276 100
277 24.1 21.0 31.4
138 30.1 26.0 39.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

