

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
 Data File : BN033797.D
 Acq On : 07 Sep 2024 00:41
 Operator : MA/JU
 Sample : P3815-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-71.7-083024

Quant Time: Sep 07 01:40:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	3823	0.400	ng	0.00
7) Naphthalene-d8	10.271	136	9724	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	4459	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	8706	0.400	ng	# 0.00
29) Chrysene-d12	21.112	240	6633	0.400	ng	# 0.00
35) Perylene-d12	23.265	264	6704	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	1277	0.109	ng	0.00
5) Phenol-d6	6.707	99	956	0.069	ng	0.00
8) Nitrobenzene-d5	8.649	82	2489	0.301	ng	0.00
11) 2-Methylnaphthalene-d10	11.869	152	4121	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	696	0.309	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	5907	0.318	ng	0.00
27) Fluoranthene-d10	18.942	212	8786	0.409	ng	0.00
31) Terphenyl-d14	19.560	244	6390	0.452	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.168	88	5312	1.221	ng	# 89
18) Fluorene	15.204	166	920m	0.056	ng	
25) Phenanthrene	16.942	178	2923	0.122	ng	98
28) Fluoranthene	18.975	202	869	0.032	ng	98
30) Pyrene	19.337	202	742	0.028	ng	99
32) Benzo(a)anthracene	21.094	228	476	0.020	ng	# 75
33) Chrysene	21.148	228	500	0.021	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.059	149	1057	0.082	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.399	276	599	0.022	ng	# 80
40) Dibenzo(a,h)anthracene	25.414	278	469	0.021	ng	# 1

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

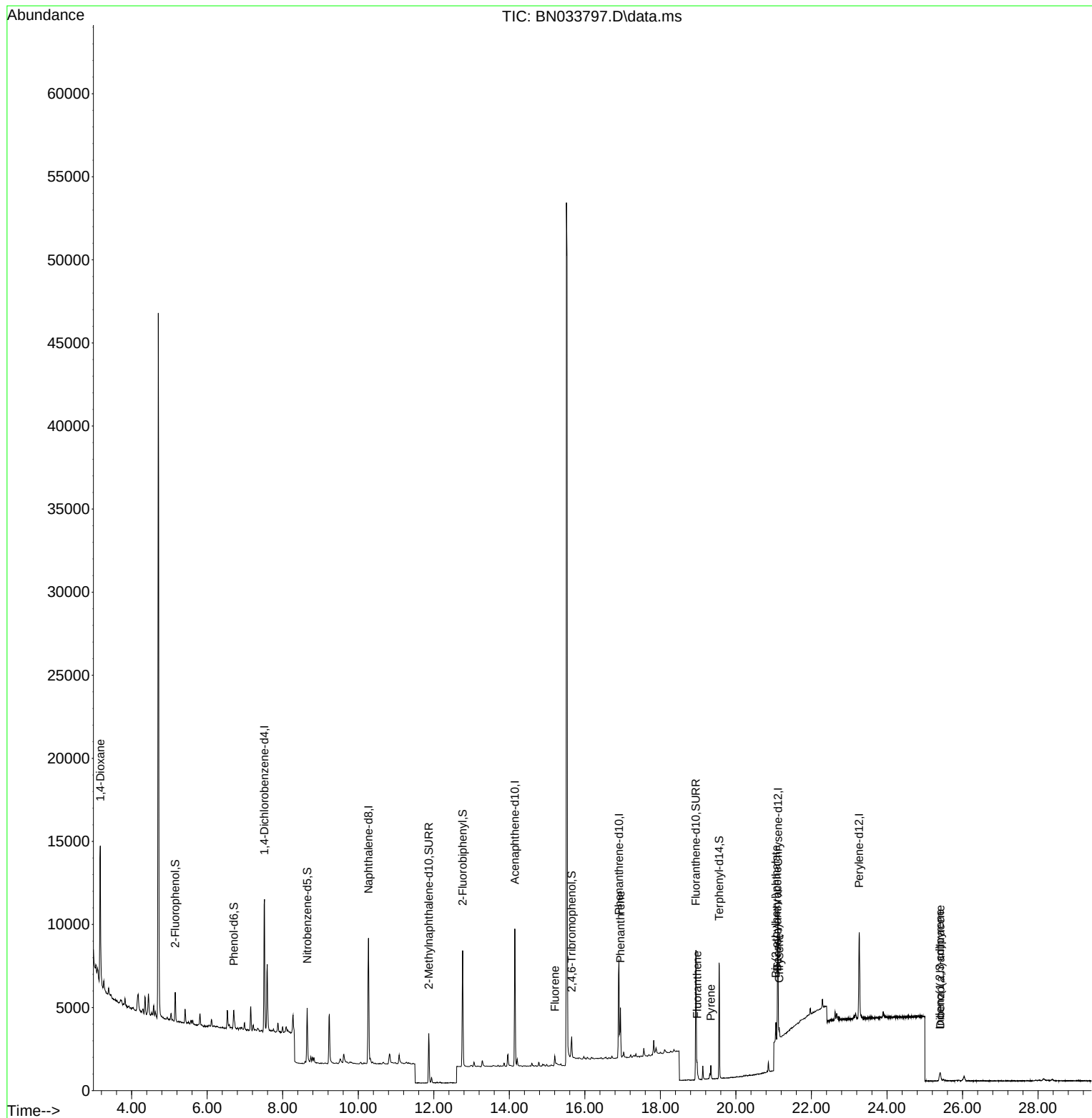
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033797.D
Acq On : 07 Sep 2024 00:41
Operator : MA/JU
Sample : P3815-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

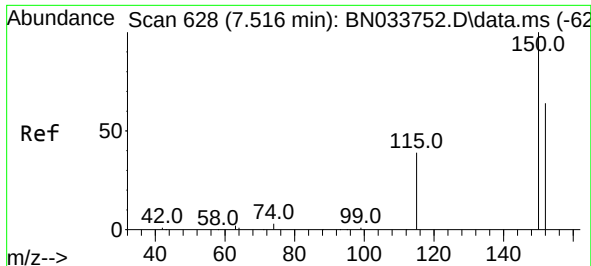
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024

Quant Time: Sep 07 01:40:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
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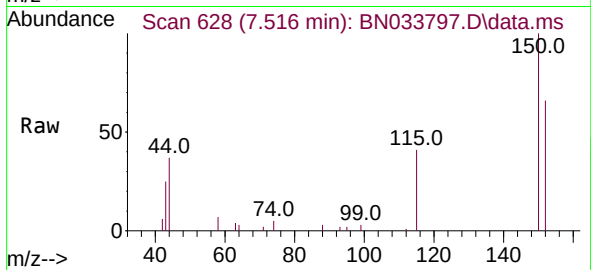
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.516 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN033797.D
 Acq: 07 Sep 2024 00:41

Instrument :

BNA_N

ClientSampleId :

OW-05B-71.7-083024



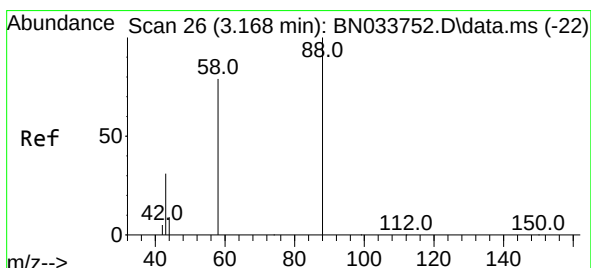
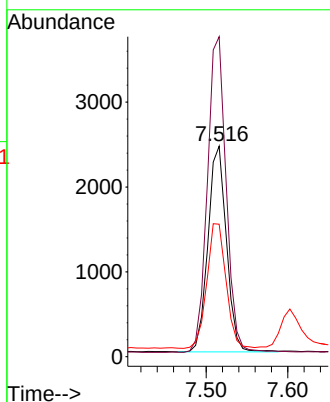
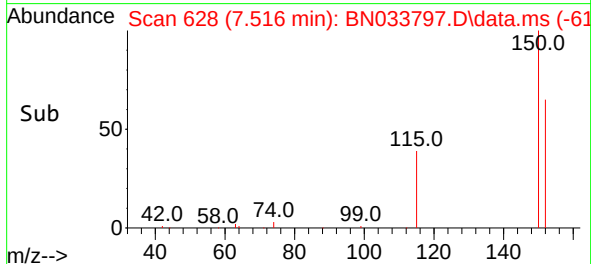
Tgt Ion:152 Resp: 382
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.3 184.9
 115 62.9 51.0 76.4

Manual Integrations

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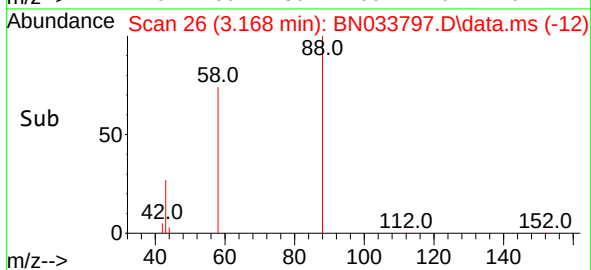
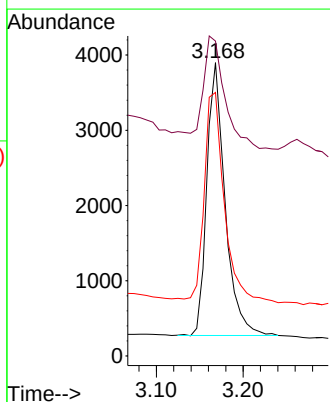
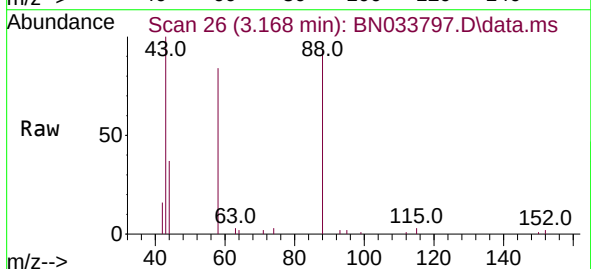
Reviewed By :Yogesh Patel 09/07/2024

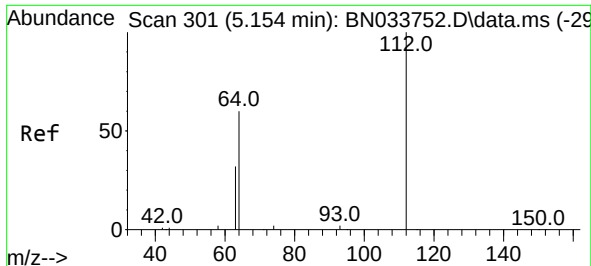
Supervised By :mohammad ahmed 09/07/2024



#2
 1,4-Dioxane
 Concen: 1.221 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN033797.D
 Acq: 07 Sep 2024 00:41

Tgt Ion: 88 Resp: 5312
 Ion Ratio Lower Upper
 88 100
 43 49.3 29.0 43.4#
 58 85.1 64.1 96.1





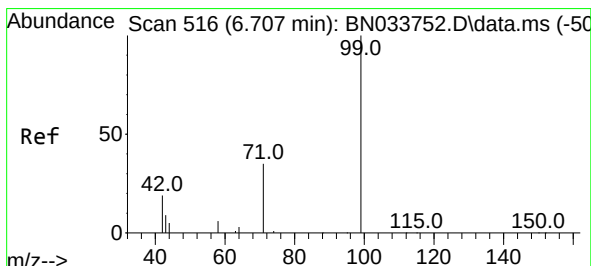
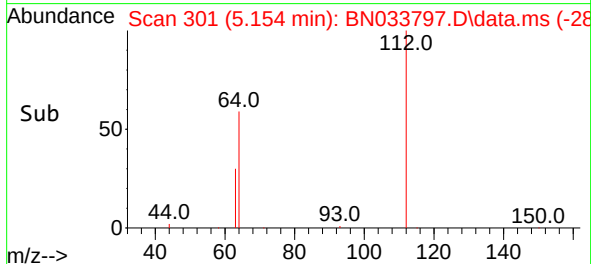
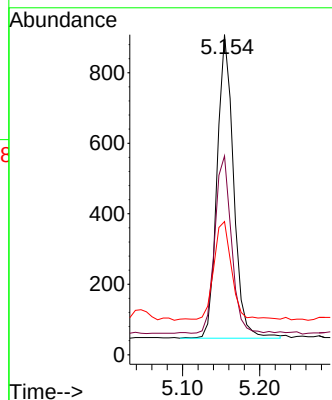
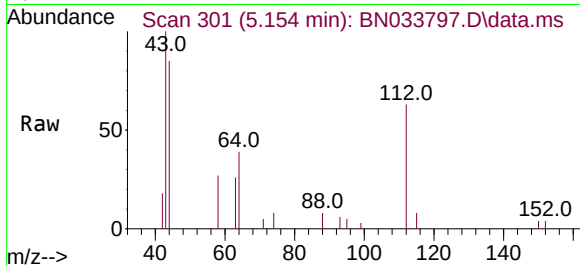
#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024

Tgt Ion: 112 Resp: 127
Ion Ratio Lower Upper
112 100
64 58.9 47.6 71.4
63 35.9 25.9 38.9

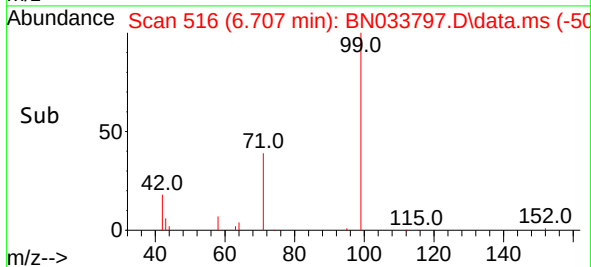
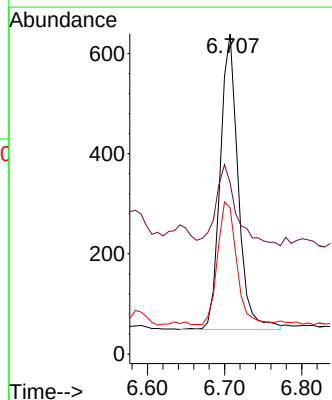
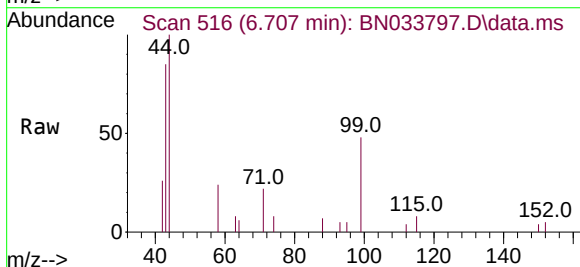
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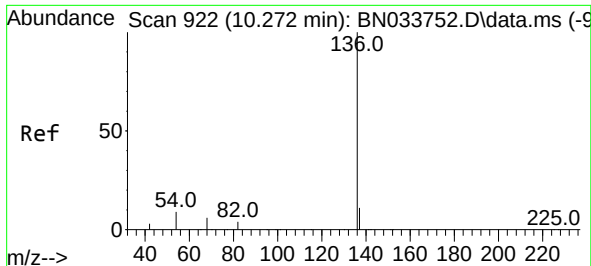
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.707 min Scan# 516
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

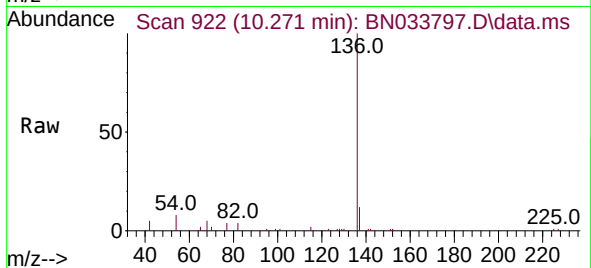
Tgt Ion: 99 Resp: 956
Ion Ratio Lower Upper
99 100
42 31.6 18.0 27.0#
71 43.8 28.7 43.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.271 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

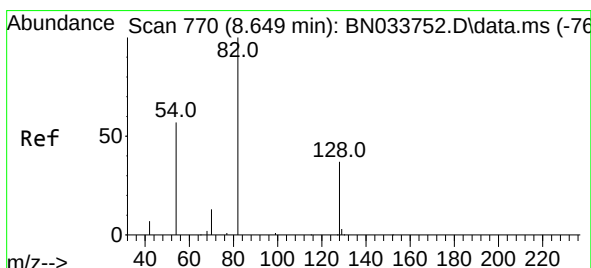
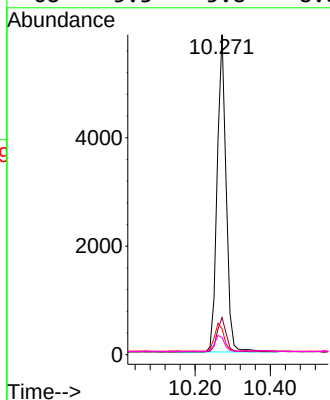
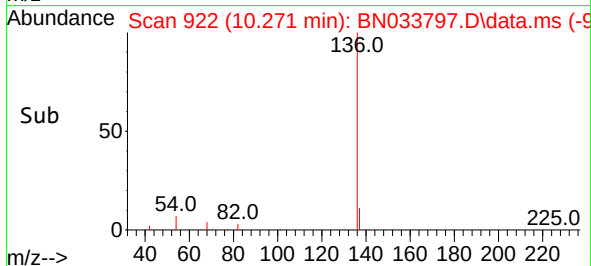
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024



Tgt Ion:	136	Resp:	9724
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.1	8.1	12.1
68	5.3	5.8	8.8#

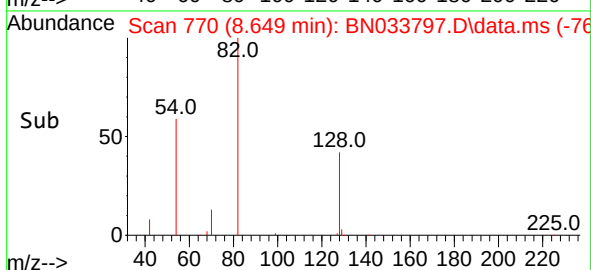
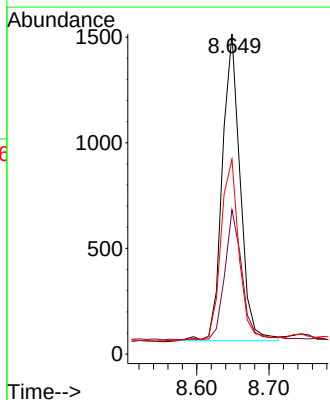
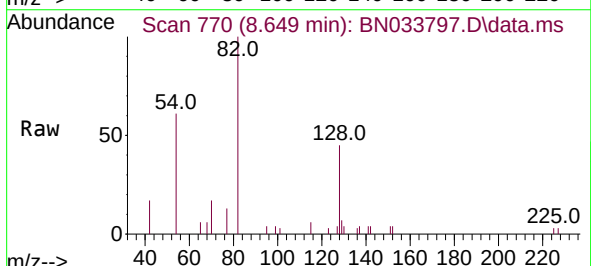
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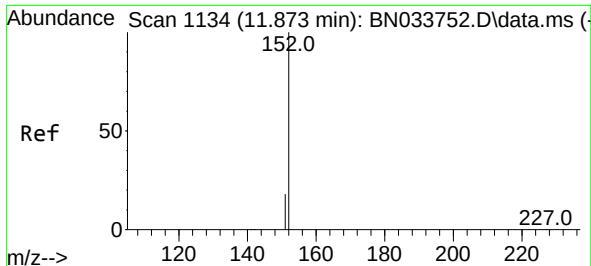
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.649 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

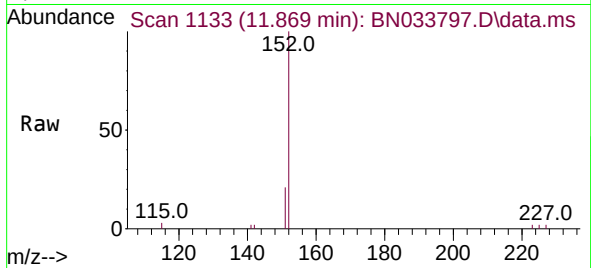
Tgt Ion:	82	Resp:	2489
Ion	Ratio	Lower	Upper
82	100		
128	45.1	31.3	46.9
54	60.8	46.9	70.3





#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 11.869 min Scan# 1133
Delta R.T. -0.004 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

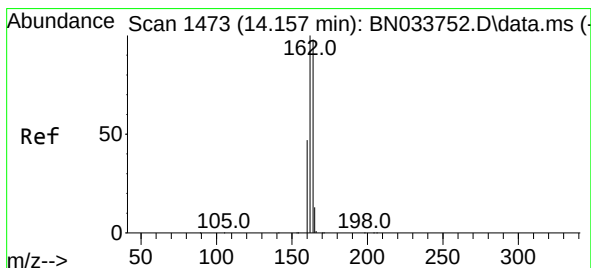
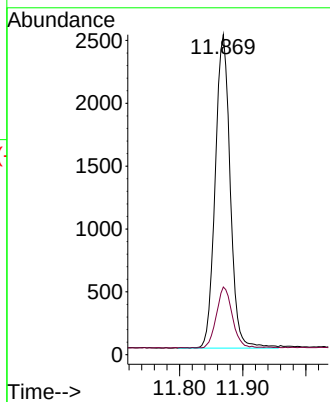
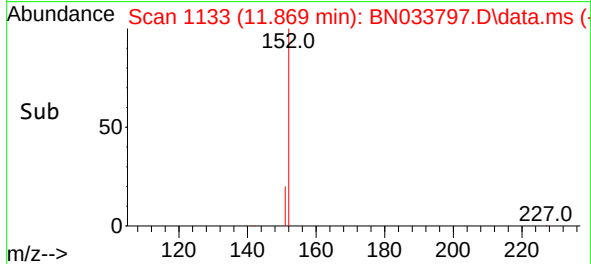
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024



Tgt Ion:152 Resp: 412
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

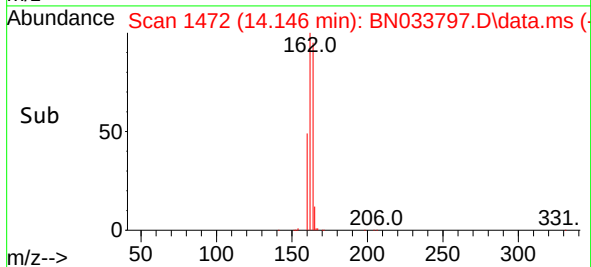
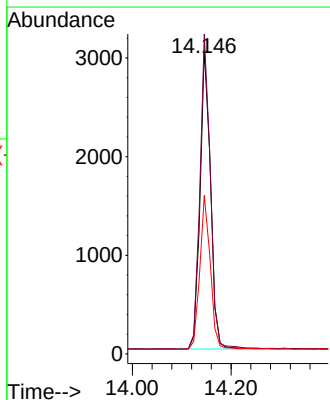
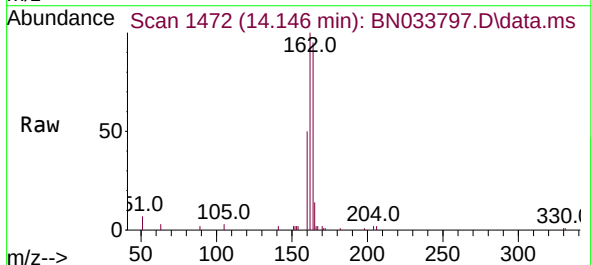
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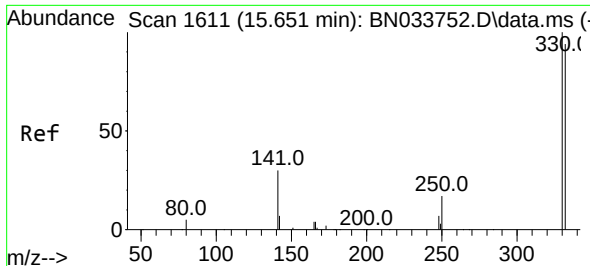
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

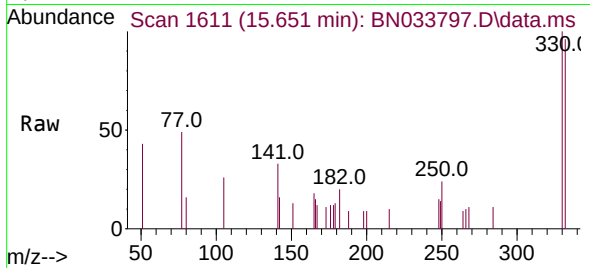
Tgt Ion:164 Resp: 4459
Ion Ratio Lower Upper
164 100
162 105.3 82.0 123.0
160 52.2 39.1 58.7





#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

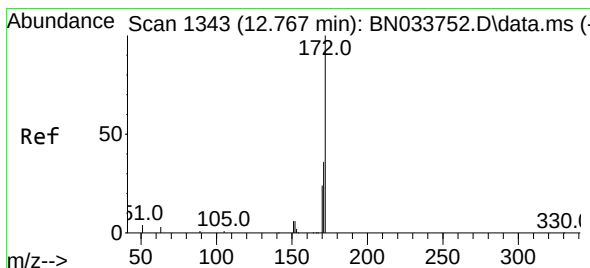
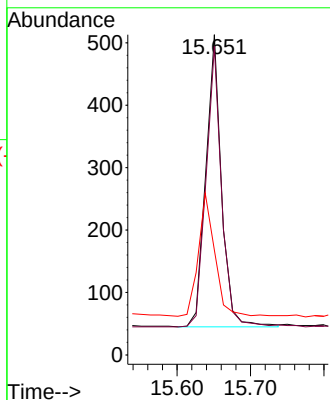
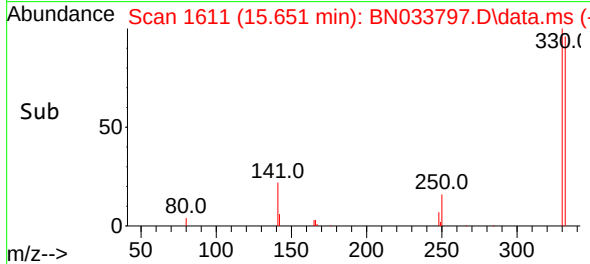
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024



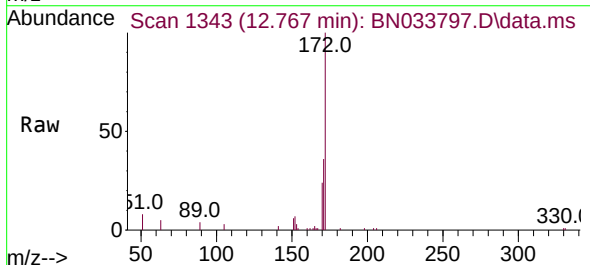
Tgt Ion:330 Resp: 690
Ion Ratio Lower Upper
330 100
332 94.7 74.2 111.4
141 43.8 33.9 50.9

Manual Integrations
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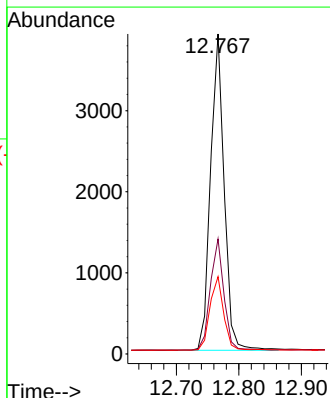
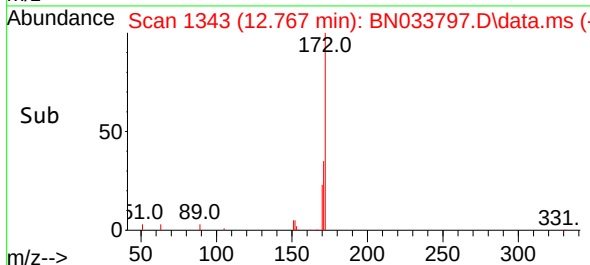
Reviewed By :Yogesh Patel 09/07/2024
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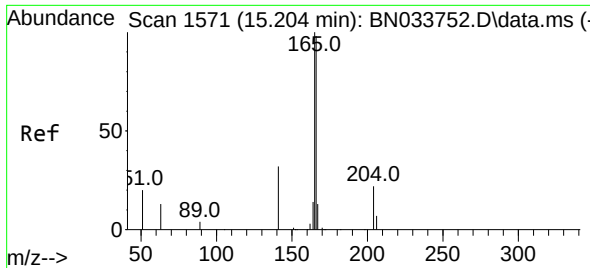


#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.767 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41



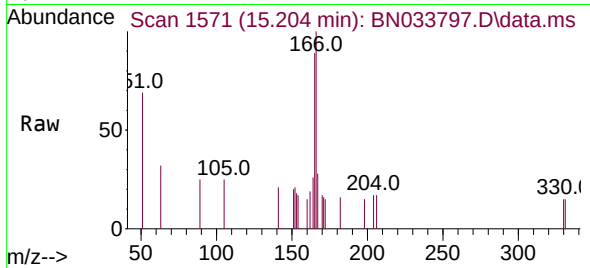
Tgt Ion:172 Resp: 5907
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.2 19.7 29.5





#18
Fluorene
Concen: 0.056 ng m
RT: 15.204 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

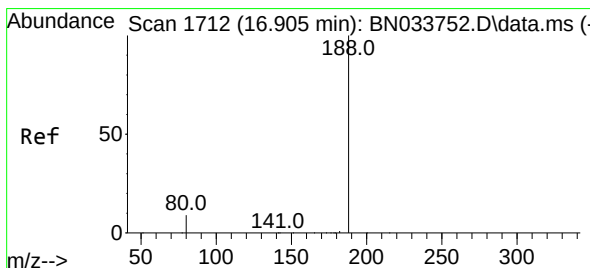
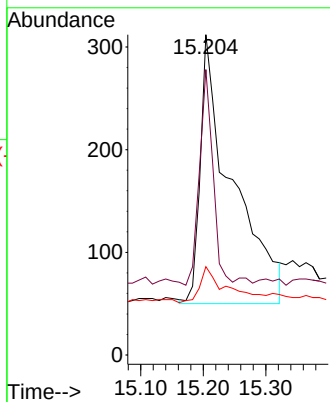
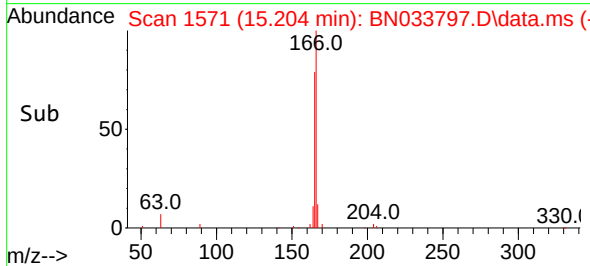
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024



Tgt Ion:166 Resp: 920
Ion Ratio Lower Upper
166 100
165 32.7 78.8 118.2
167 8.5 10.6 16.0

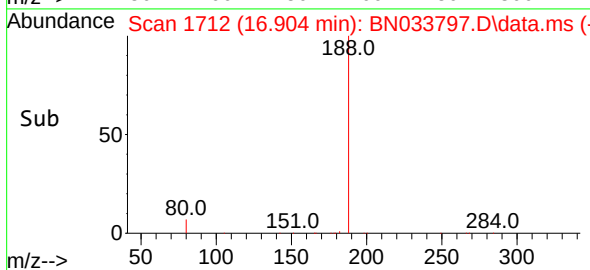
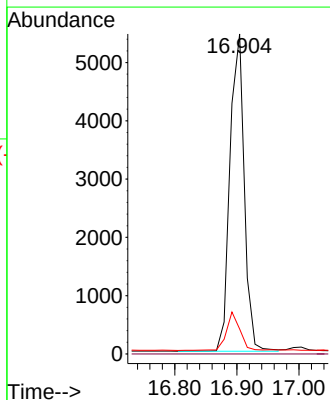
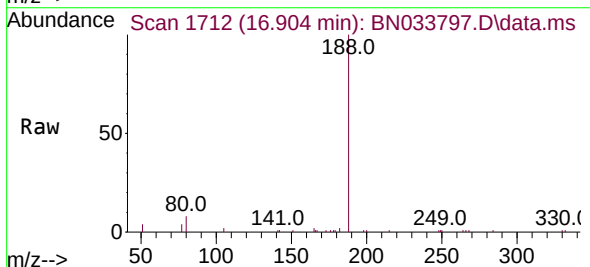
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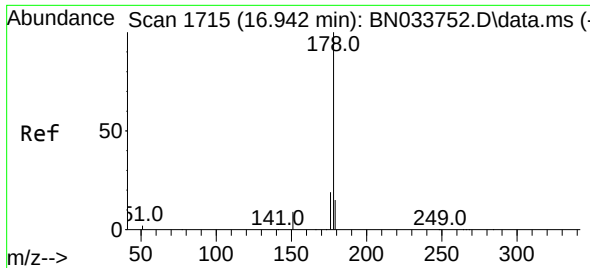
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.904 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

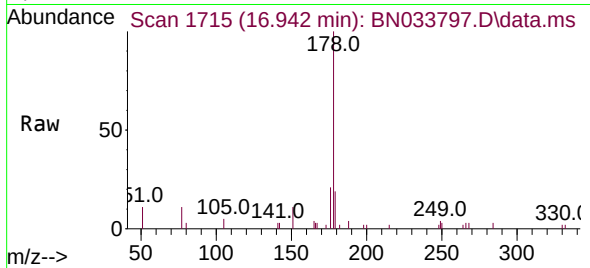
Tgt Ion:188 Resp: 8706
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 7.9 11.9





#25
Phenanthrene
Concen: 0.122 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

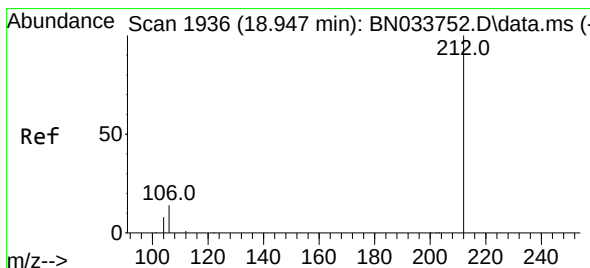
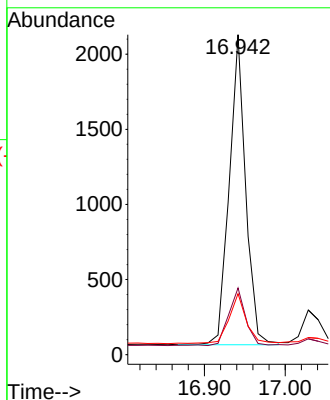
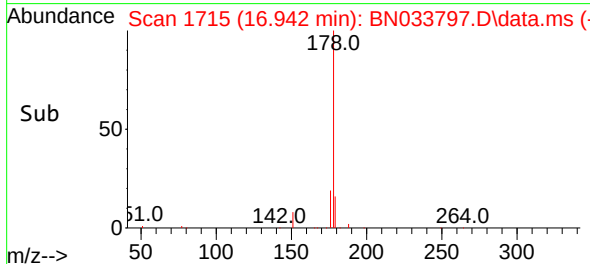
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024



Tgt Ion:178 Resp: 2923
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 16.4 12.2 18.4

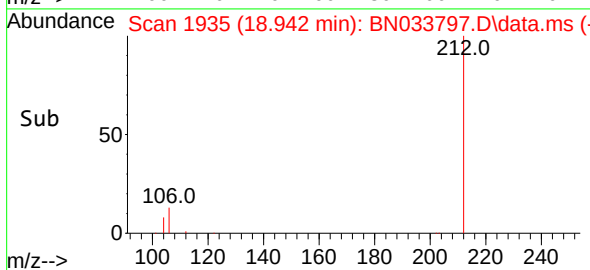
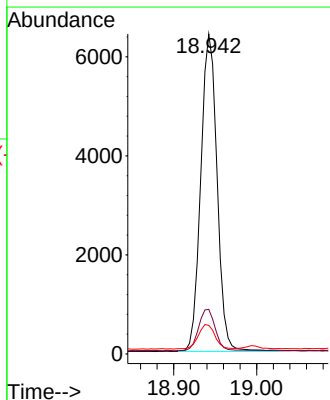
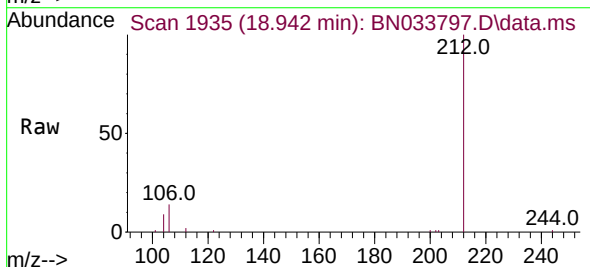
Manual Integrations
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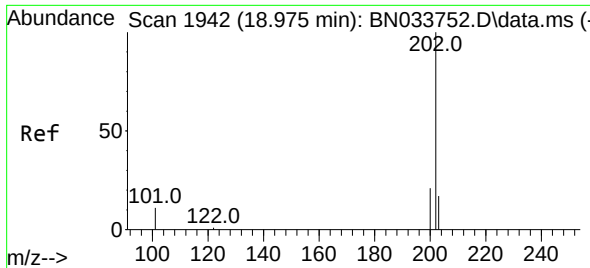
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 18.942 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

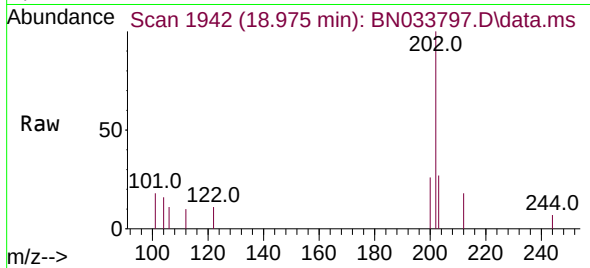
Tgt Ion:212 Resp: 8786
Ion Ratio Lower Upper
212 100
106 13.3 11.5 17.3
104 7.9 6.6 9.8





#28
Fluoranthene
Concen: 0.032 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

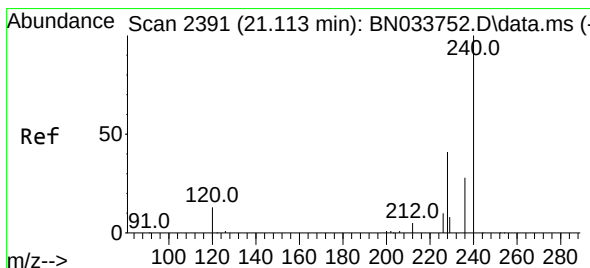
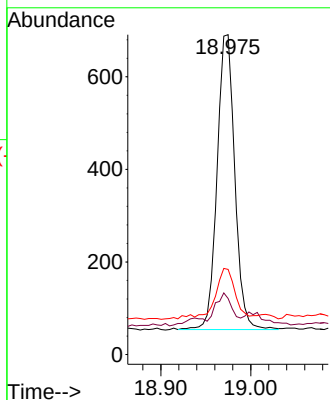
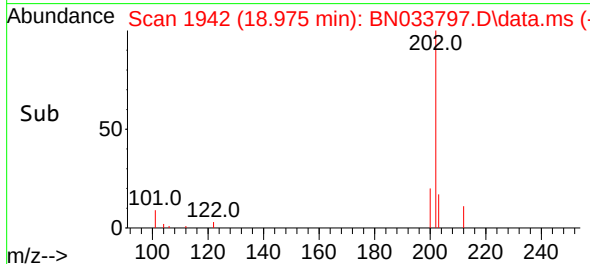
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024



Tgt Ion:202 Resp: 869
Ion Ratio Lower Upper
202 100
101 10.1 9.2 13.8
203 17.8 13.8 20.6

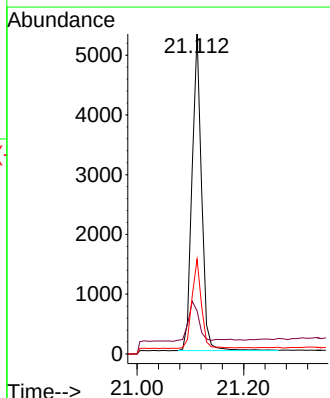
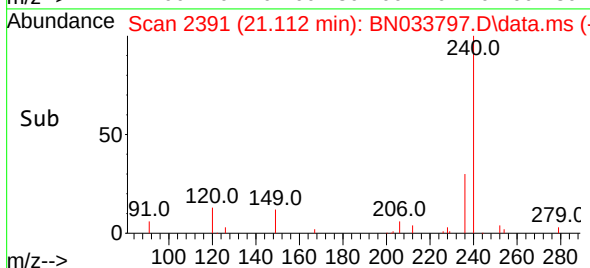
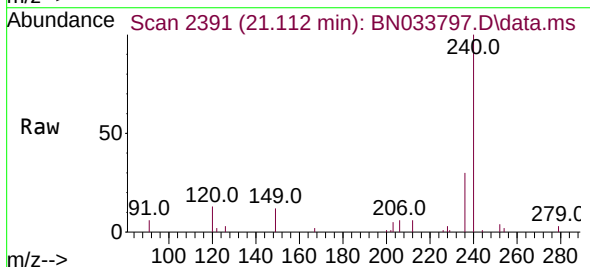
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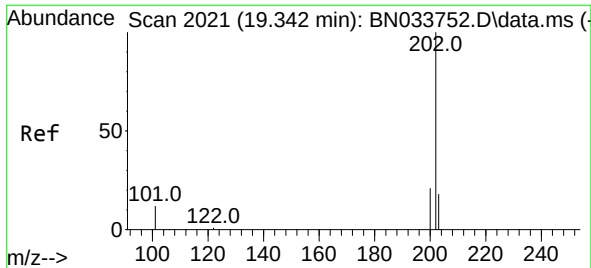
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2391
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

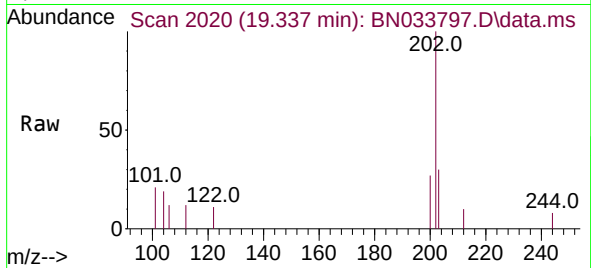
Tgt Ion:240 Resp: 6633
Ion Ratio Lower Upper
240 100
120 13.4 13.7 20.5#
236 29.6 23.4 35.2





#30
 Pyrene
 Concen: 0.028 ng
 RT: 19.337 min Scan# 2020
 Delta R.T. -0.005 min
 Lab File: BN033797.D
 Acq: 07 Sep 2024 00:41

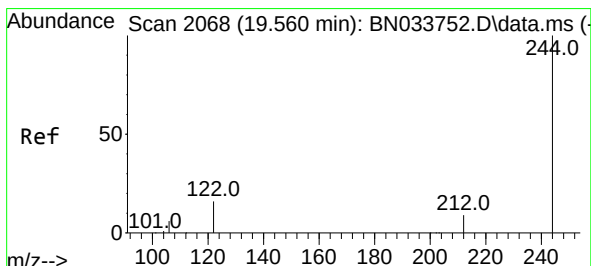
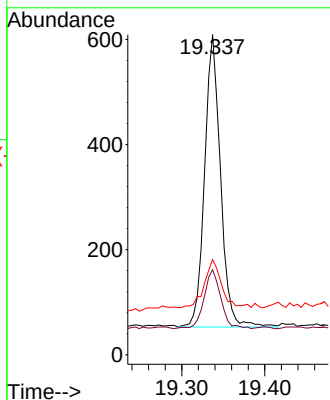
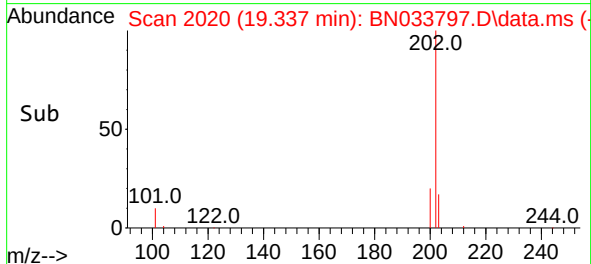
Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-71.7-083024



Tgt Ion:202 Resp: 742
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.8 25.2
 203 17.5 14.4 21.6

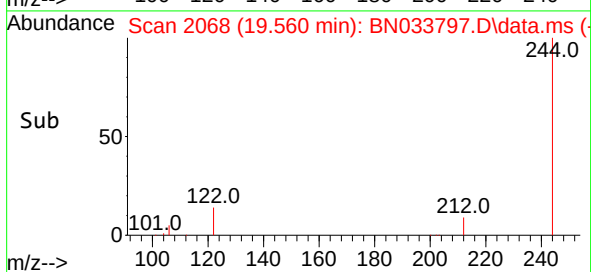
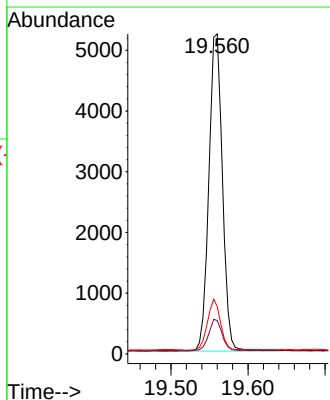
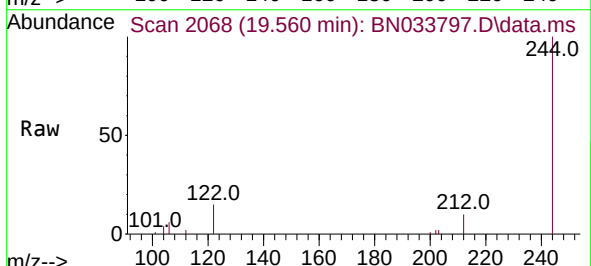
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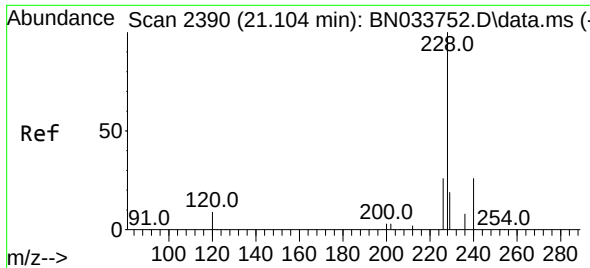
Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024



#31
 Terphenyl-d14
 Concen: 0.452 ng
 RT: 19.560 min Scan# 2068
 Delta R.T. -0.000 min
 Lab File: BN033797.D
 Acq: 07 Sep 2024 00:41

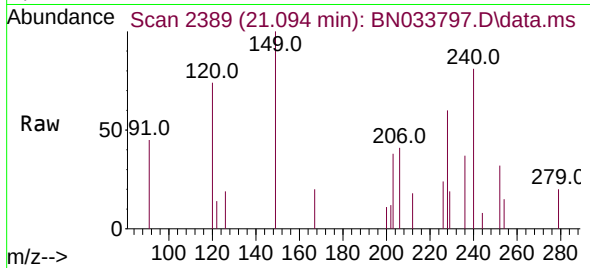
Tgt Ion:244 Resp: 6390
 Ion Ratio Lower Upper
 244 100
 212 10.5 7.9 11.9
 122 14.8 13.2 19.8





#32
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.094 min Scan# 2109
Delta R.T. -0.009 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

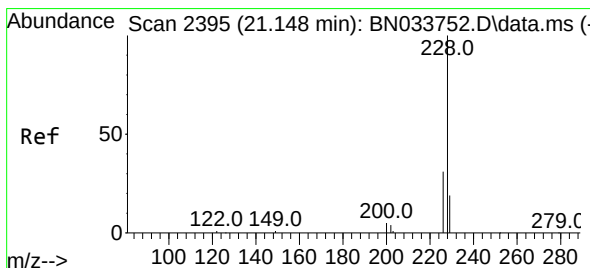
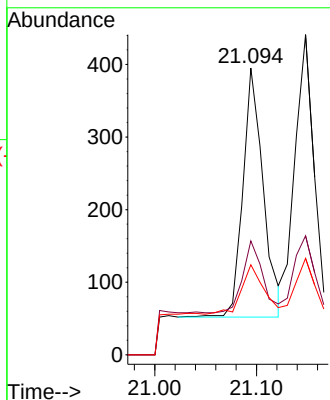
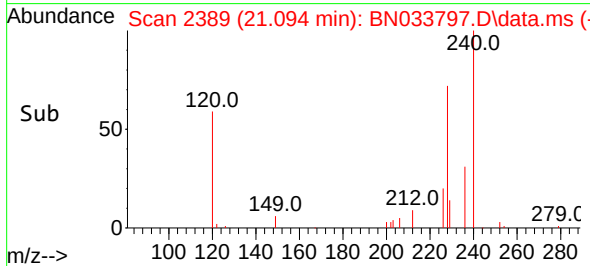
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024



Tgt Ion:228 Resp: 470
Ion Ratio Lower Upper
228 100
226 39.7 21.2 31.8
229 31.4 15.9 23.9

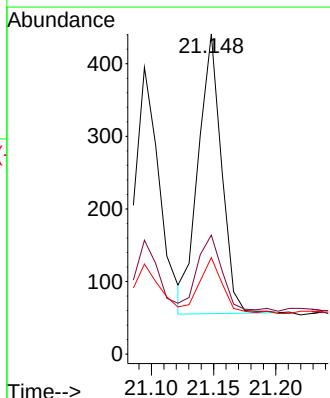
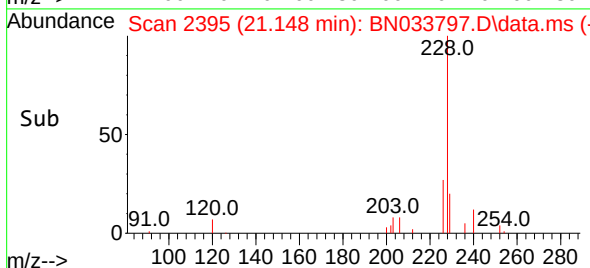
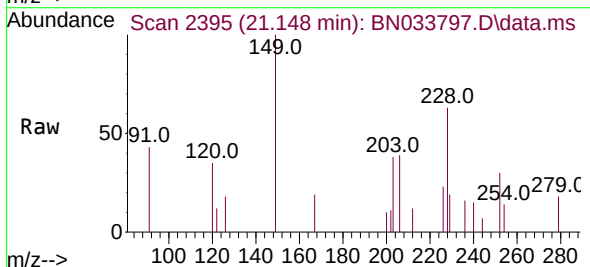
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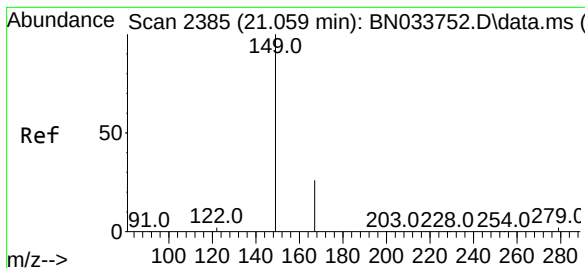
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#33
Chrysene
Concen: 0.021 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

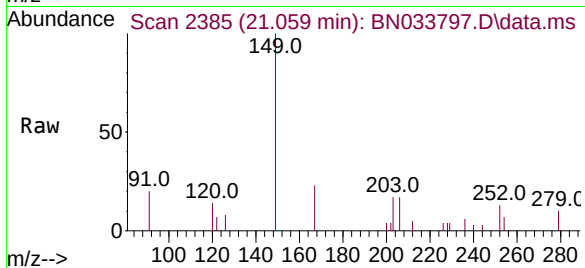
Tgt Ion:228 Resp: 500
Ion Ratio Lower Upper
228 100
226 37.2 25.0 37.6
229 30.2 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.082 ng
RT: 21.059 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

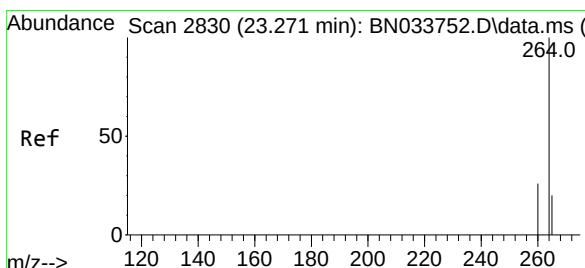
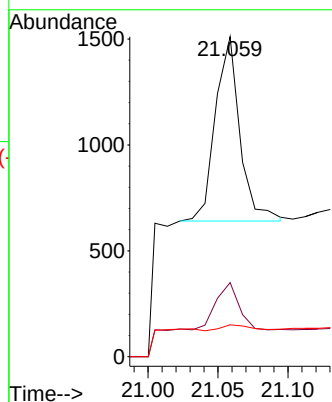
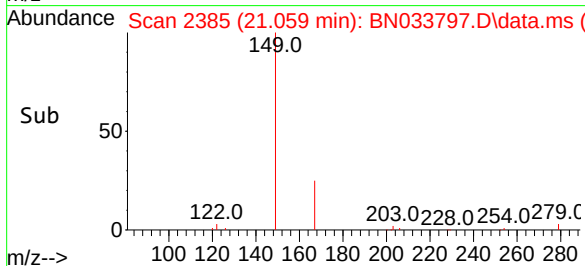
Instrument :
BNA_N
ClientSampleId :
OW-05B-71.7-083024



Tgt Ion:149 Resp: 105
Ion Ratio Lower Upper
149 100
167 24.0 21.0 31.4
279 3.8 2.4 3.6

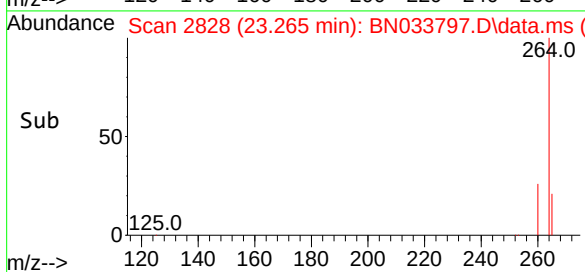
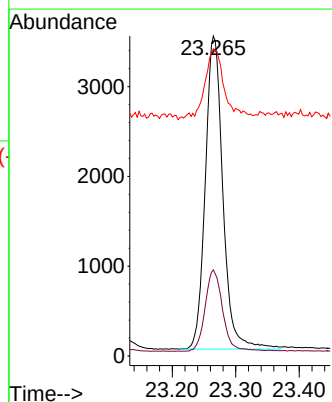
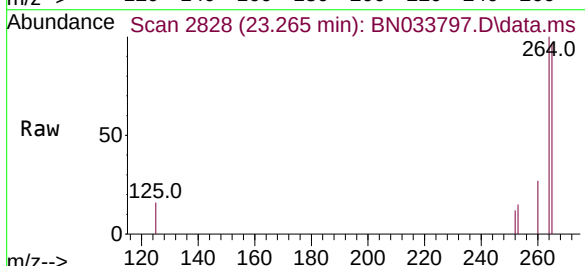
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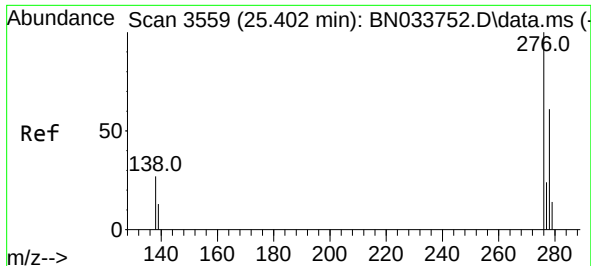
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.265 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BN033797.D
Acq: 07 Sep 2024 00:41

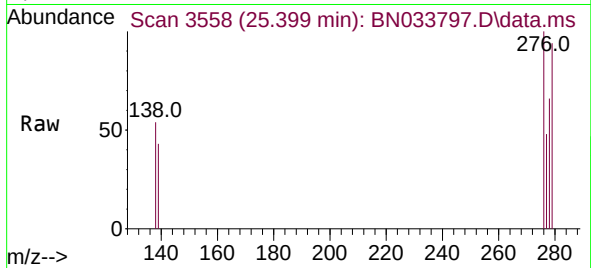
Tgt Ion:264 Resp: 6704
Ion Ratio Lower Upper
264 100
260 26.9 21.1 31.7
265 96.0 72.0 108.0





#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.022 ng
 RT: 25.399 min Scan# 3558
 Delta R.T. -0.003 min
 Lab File: BN033797.D
 Acq: 07 Sep 2024 00:41

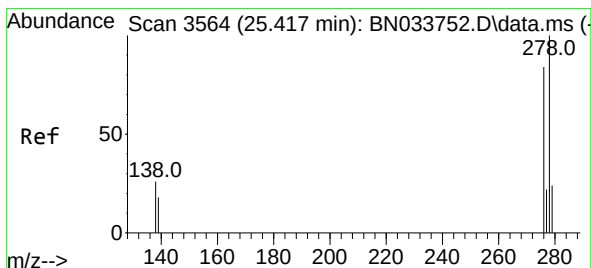
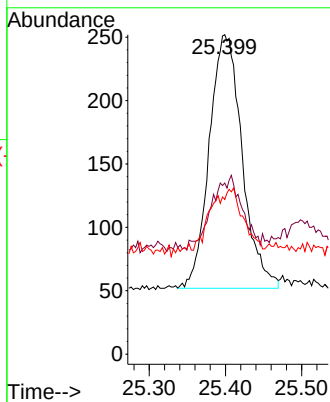
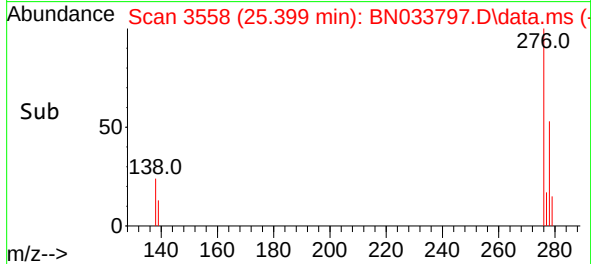
Instrument :
 BNA_N
 ClientSampleId :
 OW-05B-71.7-083024



Tgt Ion:276 Resp: 599
 Ion Ratio Lower Upper
 276 100
 138 24.4 23.0 34.6
 277 8.7 20.2 30.4

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Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024



#40
 Dibenzo(a,h)anthracene
 Concen: 0.021 ng
 RT: 25.414 min Scan# 3563
 Delta R.T. -0.003 min
 Lab File: BN033797.D
 Acq: 07 Sep 2024 00:41

Tgt Ion:278 Resp: 469
 Ion Ratio Lower Upper
 278 100
 139 49.4 16.7 25.1#
 279 111.5 23.4 35.0#

