

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035715.D
 Acq On : 19 Dec 2024 21:47
 Operator : RC/JU
 Sample : P5261-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20241209

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 23:11:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.271	152	3267	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8893	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5822	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	11137	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	10331	0.400	ng	0.00
35) Perylene-d12	23.044	264	10865	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	913	0.112	ng	0.00
5) Phenol-d6	6.491	99	523	0.053	ng	0.00
8) Nitrobenzene-d5	8.408	82	2041m	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	4418	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	873	0.211	ng	0.00
15) 2-Fluorobiphenyl	12.543	172	6793	0.309	ng	0.00
27) Fluoranthene-d10	18.761	212	12573	0.398	ng	0.00
31) Terphenyl-d14	19.388	244	15944	0.782	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.981	88	11432	3.660	ng	97
9) Naphthalene	10.062	128	510	0.022	ng	# 61
33) Chrysene	20.991	228	911	0.024	ng	# 84
34) Bis(2-ethylhexyl)phtha...	20.911	149	1245	0.087	ng	# 94

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

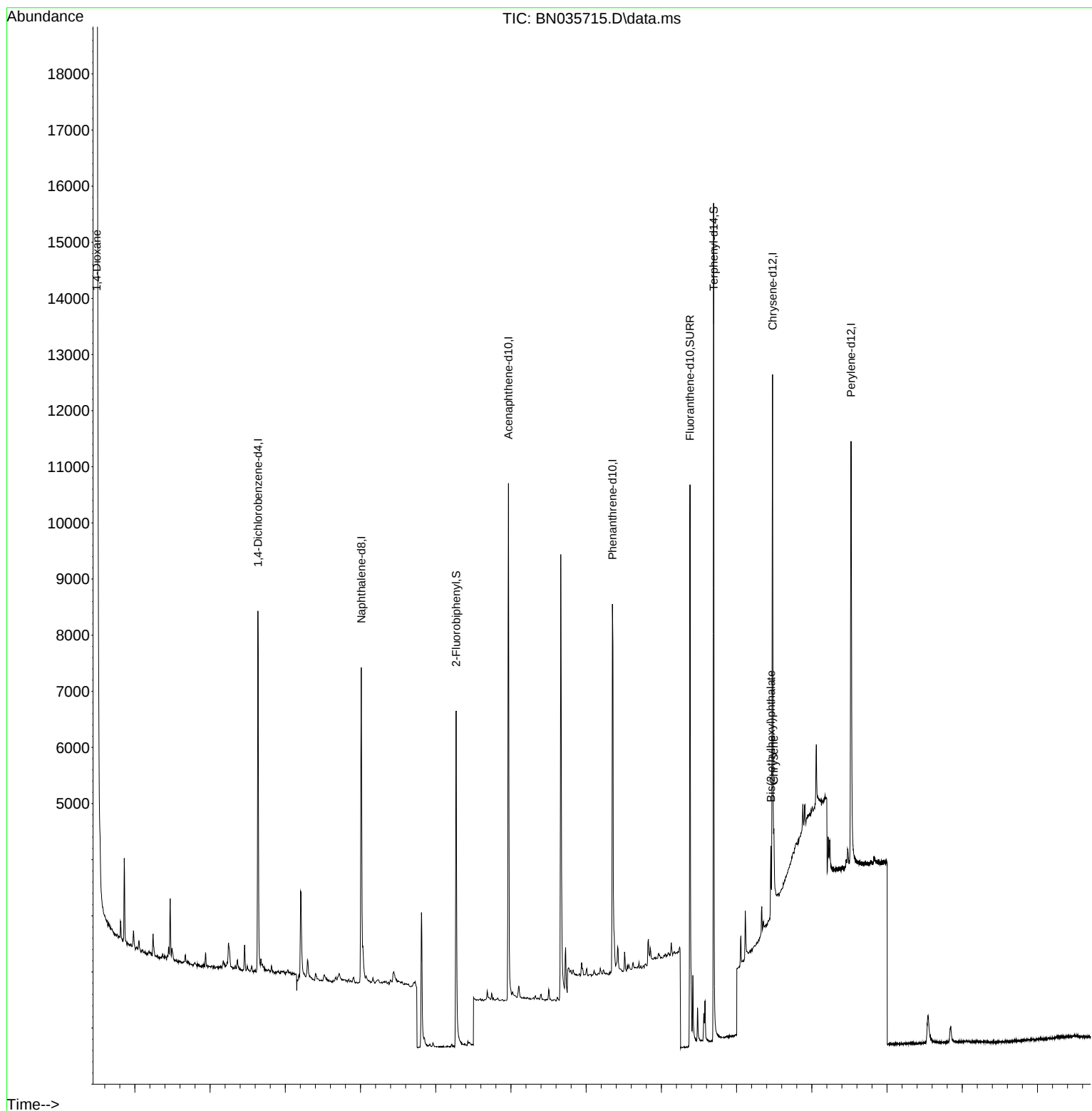
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
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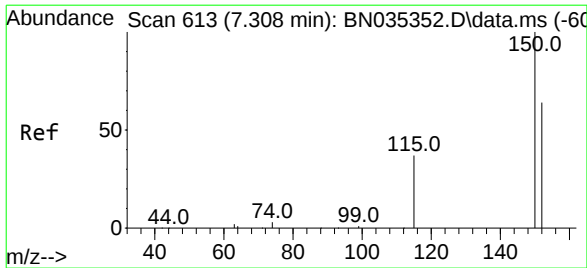
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Quant Time: Dec 19 23:11:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
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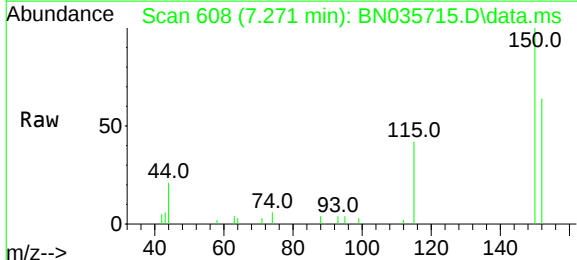
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.001 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

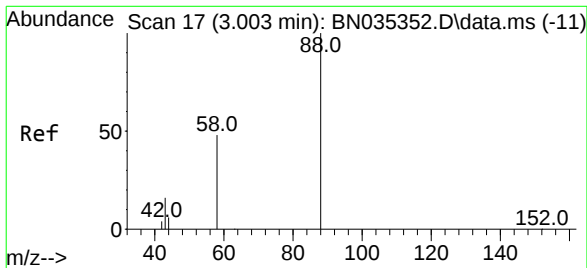
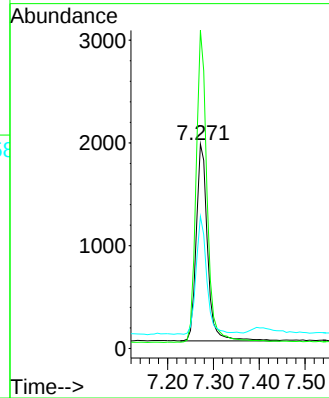
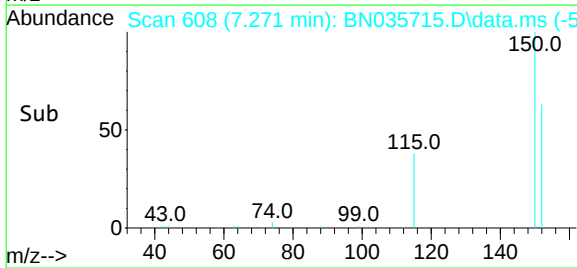
Instrument :
BNA_N
ClientSampleId :
RE122D2-20241209



Tgt Ion: 152 Resp: 3267
Ion Ratio Lower Upper
152 100
150 155.6 124.0 186.0
115 64.6 49.6 74.4

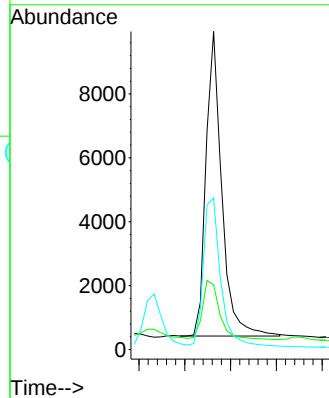
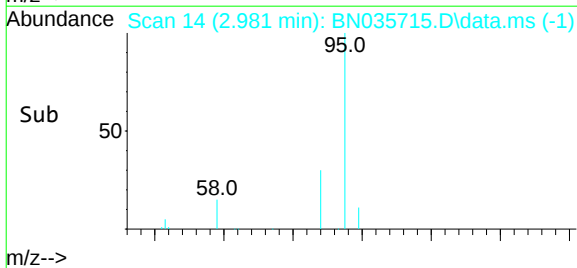
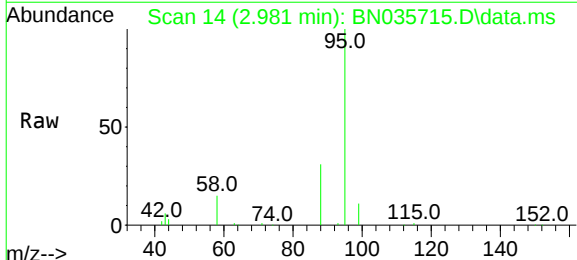
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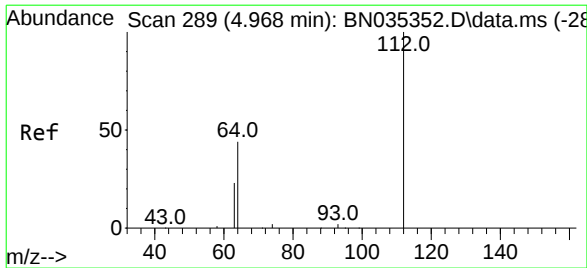
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 3.660 ng
RT: 2.981 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Tgt Ion: 88 Resp: 11432
Ion Ratio Lower Upper
88 100
43 21.0 17.2 25.8
58 53.0 44.5 66.7





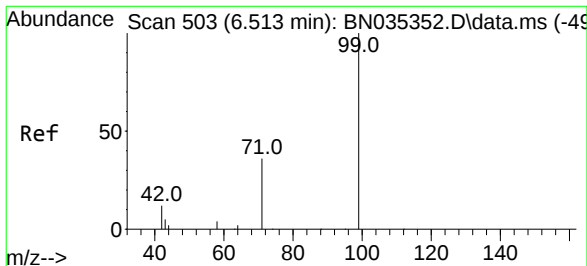
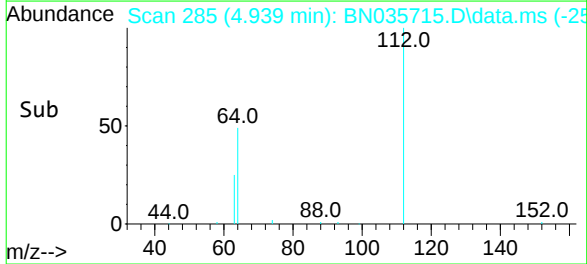
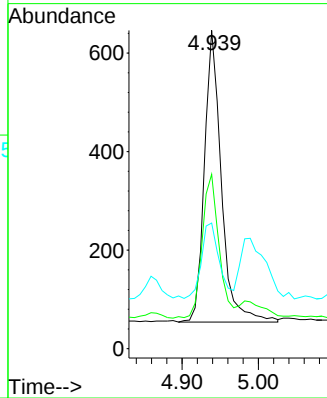
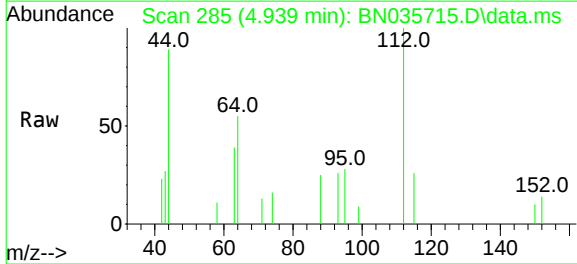
#4
2-Fluorophenol
Concen: 0.112 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Instrument :
BNA_N
ClientSampleId :
RE122D2-20241209

Tgt Ion:	112	Resp:	913
Ion	Ratio	Lower	Upper
112	100		
64	48.6	39.8	59.8
63	27.8	21.0	31.6

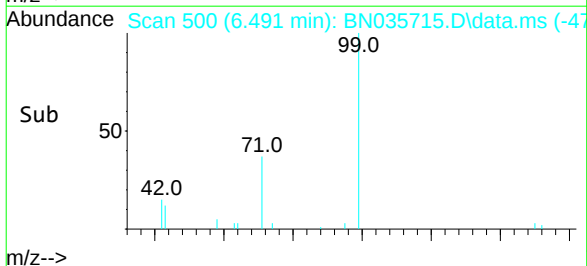
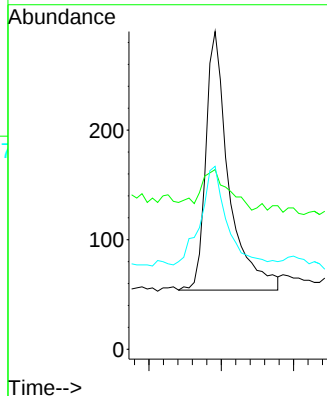
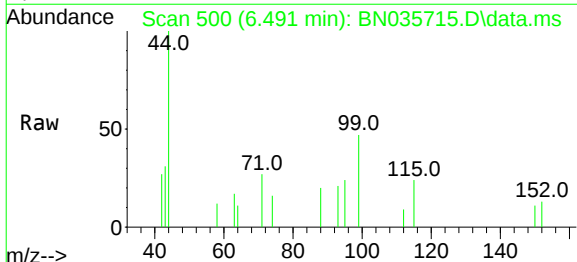
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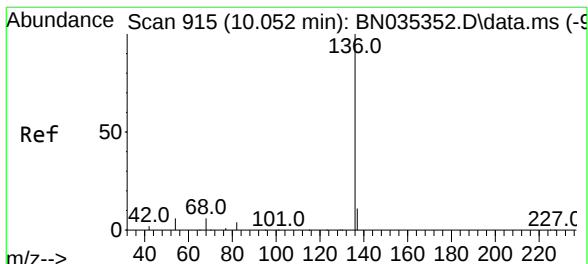
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.491 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

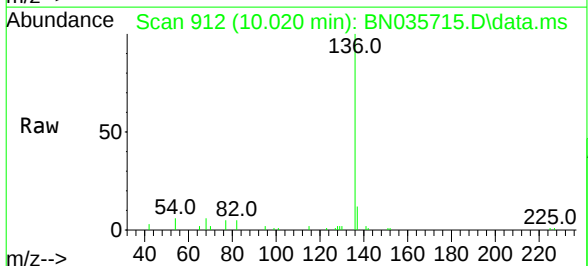
Tgt Ion:	99	Resp:	523
Ion	Ratio	Lower	Upper
99	100		
42	17.4	11.4	17.2#
71	46.1	29.3	43.9#





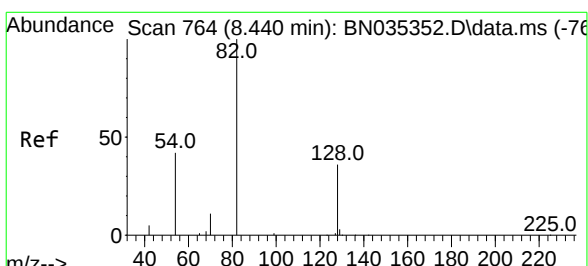
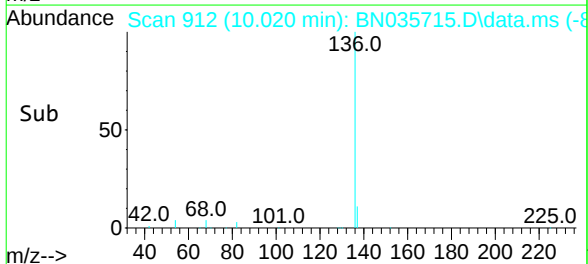
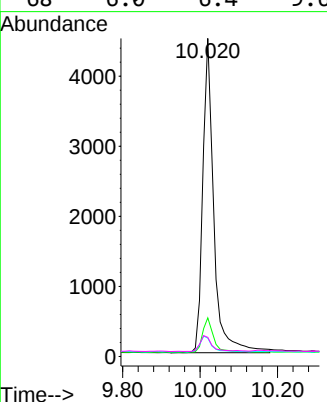
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 915
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Instrument : BNA_N
ClientSampleId : RE122D2-20241209



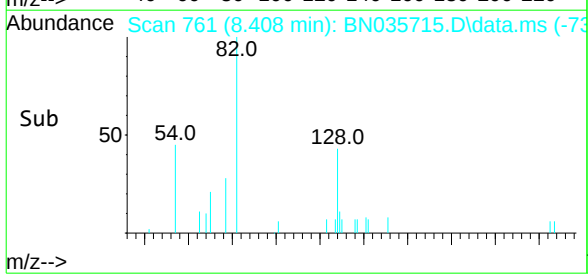
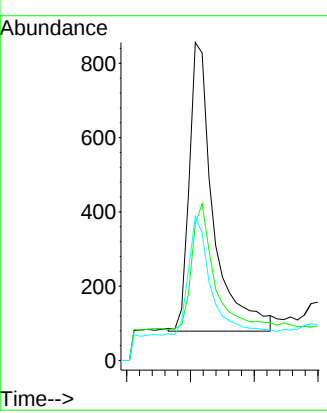
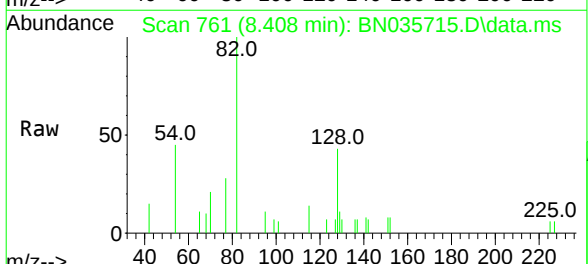
Tgt Ion:	136	Resp:	8893
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.2	15.2
54	5.8	6.1	9.1#
68	6.0	6.4	9.6#

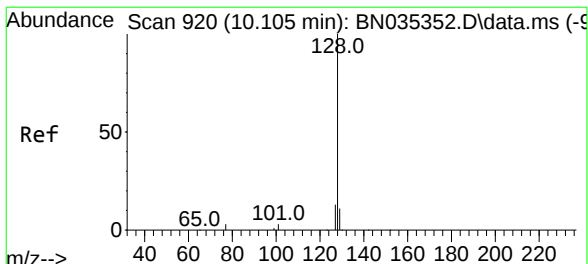
Manual Integrations
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Reviewed By :Yogesh Patel 12/21/2024
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#8
Nitrobenzene-d5
Concen: 0.376 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

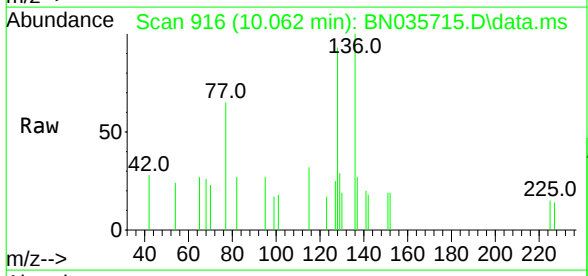
Tgt Ion:	82	Resp:	2041
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	45.3	36.7	55.1





#9
Naphthalene
Concen: 0.022 ng
RT: 10.062 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Instrument :
BNA_N
ClientSampleId :
RE122D2-20241209

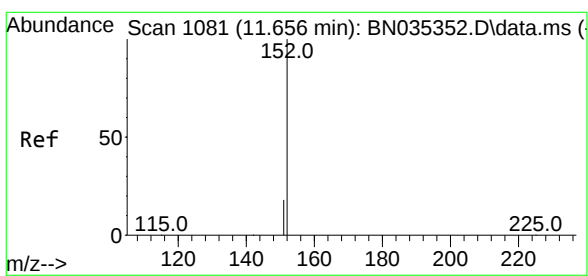
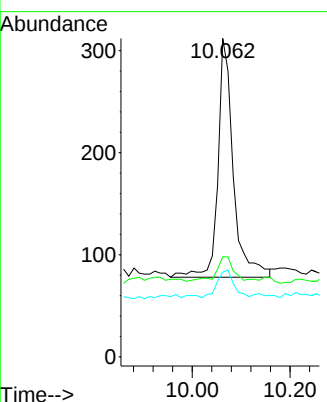
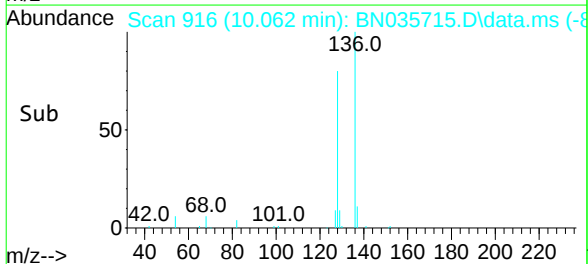


Tgt Ion:128 Resp: 510

Ion	Ratio	Lower	Upper
128	100		
129	31.4	9.8	14.6
127	26.6	11.4	17.2

Manual Integrations
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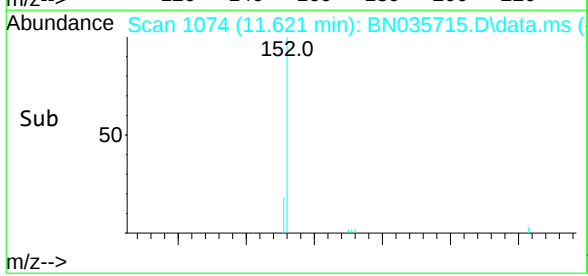
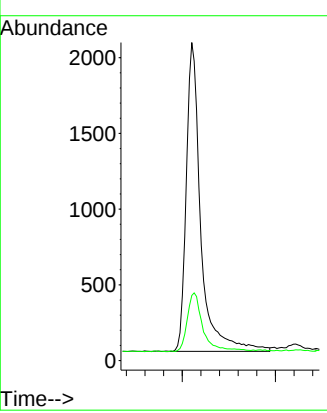
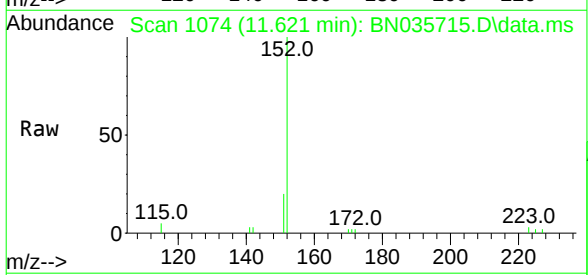
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

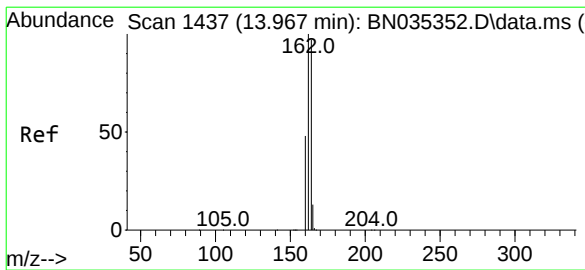


#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.621 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Tgt Ion:152 Resp: 4418

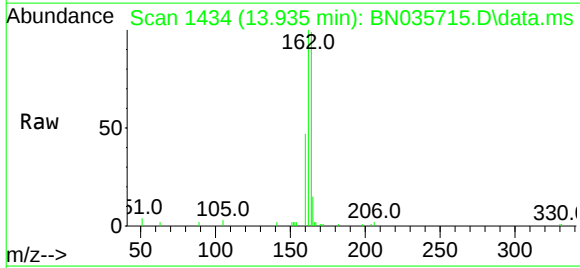
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

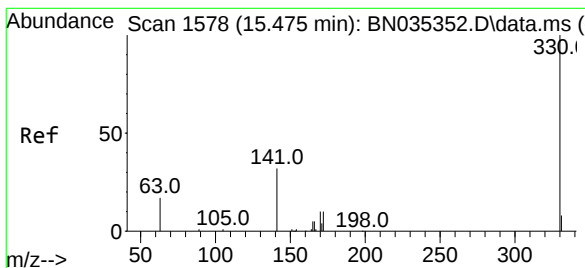
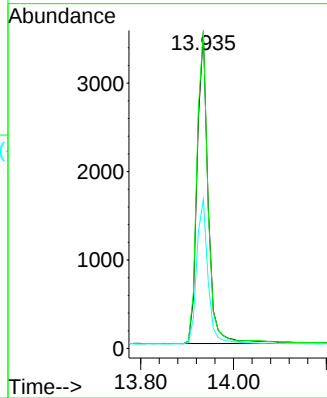
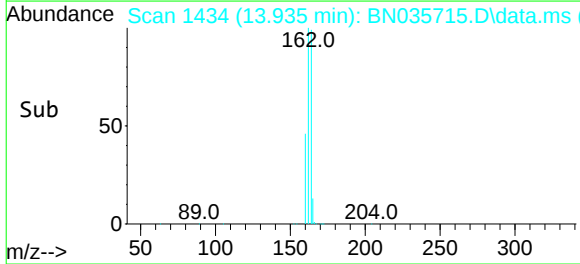
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BNA_N
ClientSampleId :
RE122D2-20241209



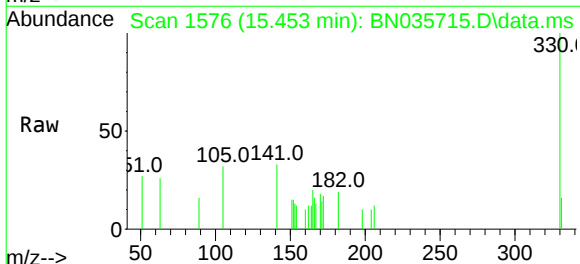
Tgt Ion:164 Resp: 5822
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 47.1 40.1 60.1

Manual Integrations
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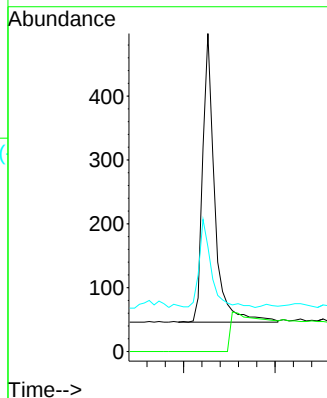
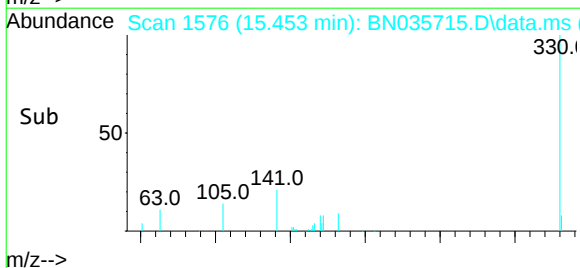
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

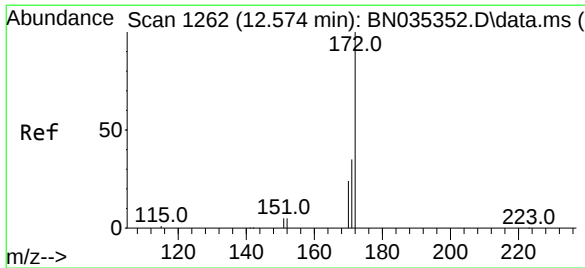


#14
2,4,6-Tribromophenol
Concen: 0.211 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47



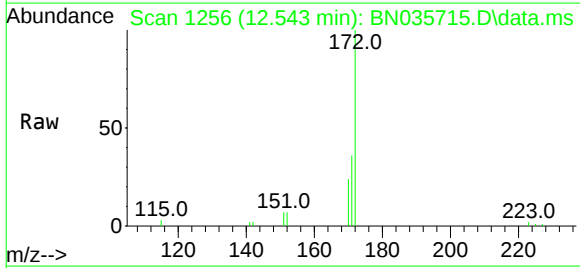
Tgt Ion:330 Resp: 873
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.1 26.6 40.0





#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.543 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

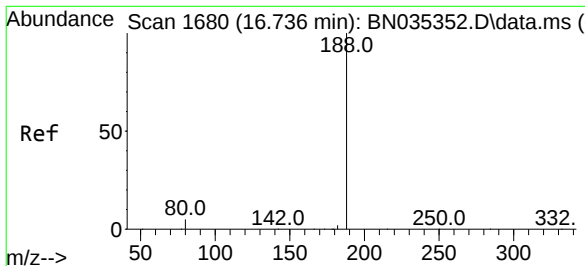
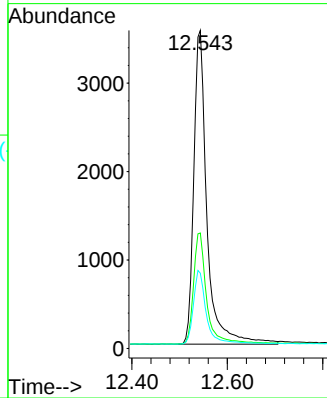
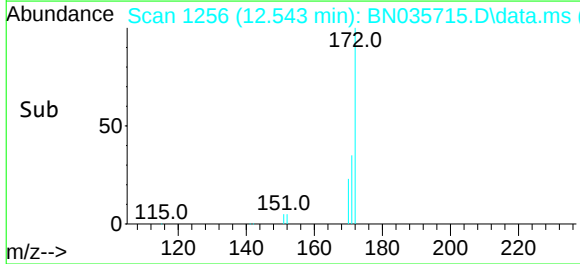
Instrument :
BNA_N
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Tgt Ion:172 Resp: 6793
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 23.7 19.8 29.8

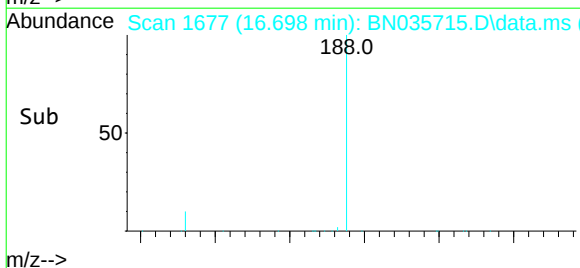
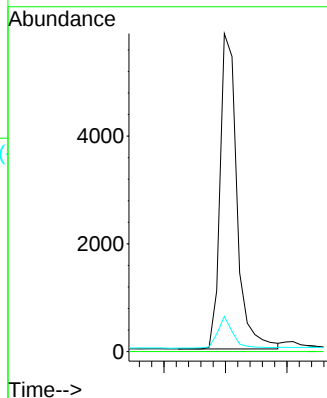
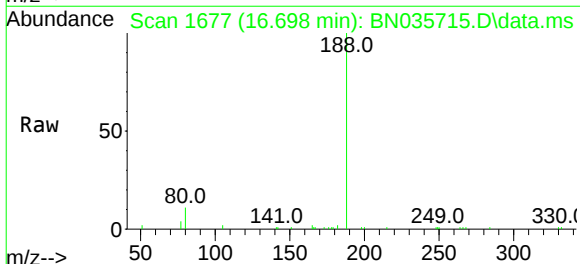
Manual Integrations
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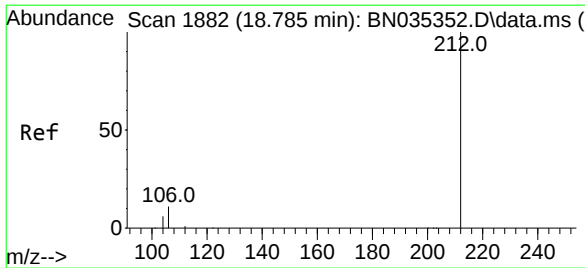
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

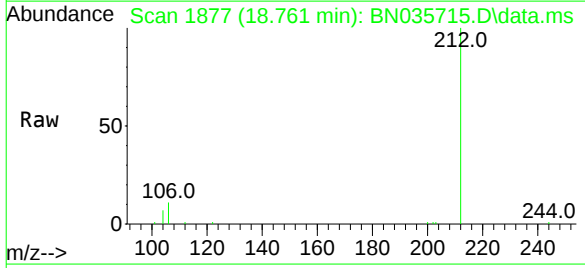
Tgt Ion:188 Resp: 11137
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 4.6 6.8#





#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 18.761 min Scan# 1877
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

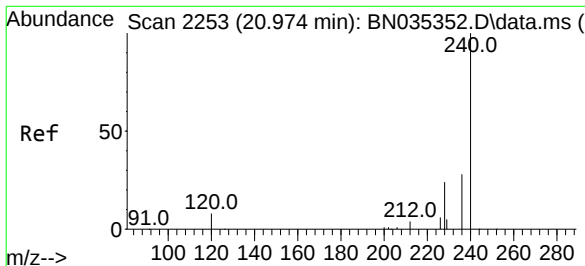
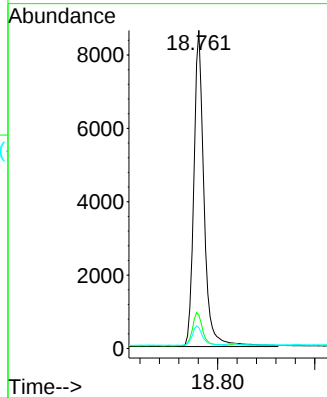
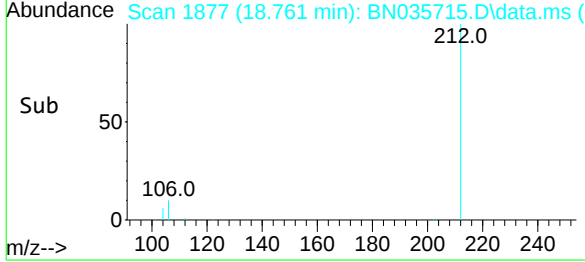
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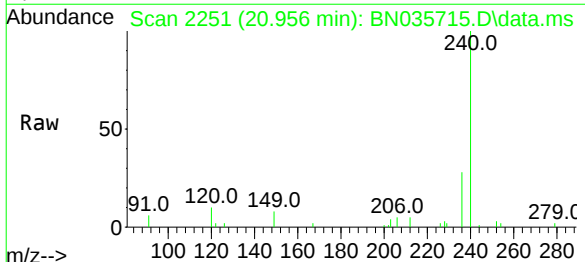
Tgt Ion: 212 Resp: 12573
Ion Ratio Lower Upper
212 100
106 10.6 9.2 13.8
104 6.3 5.3 7.9

Manual Integrations
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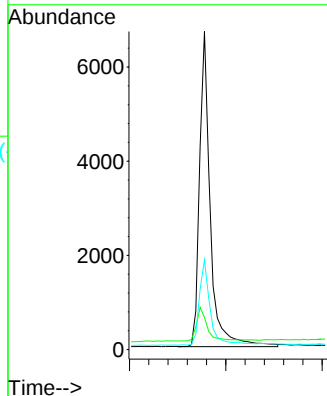
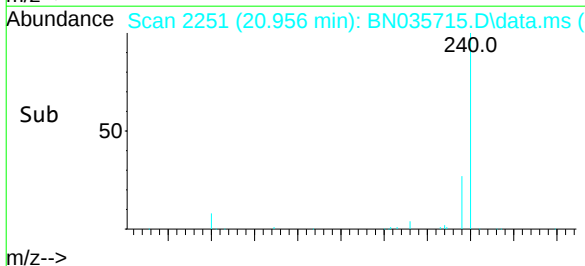
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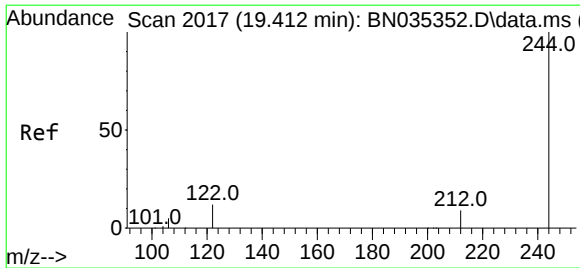


#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47



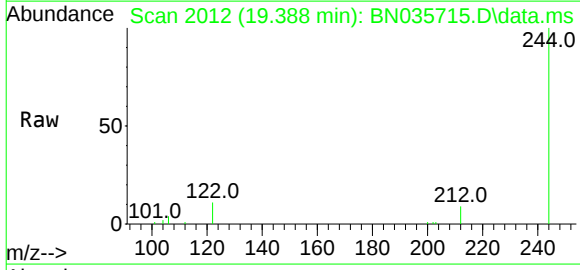
Tgt Ion: 240 Resp: 10331
Ion Ratio Lower Upper
240 100
120 10.1 7.9 11.9
236 28.2 22.9 34.3





#31
 Terphenyl-d14
 Concen: 0.782 ng
 RT: 19.388 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BN035715.D
 Acq: 19 Dec 2024 21:47

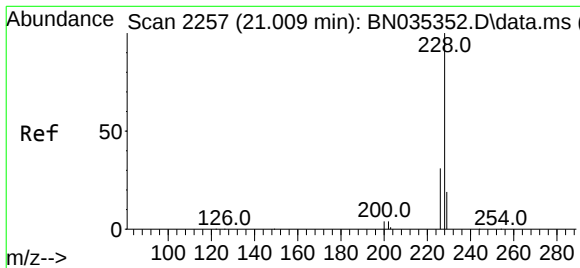
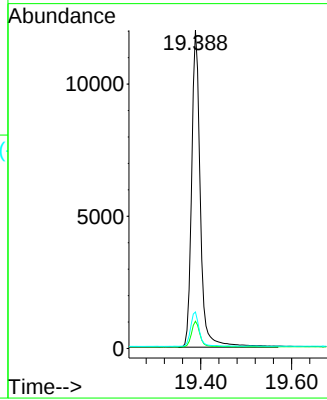
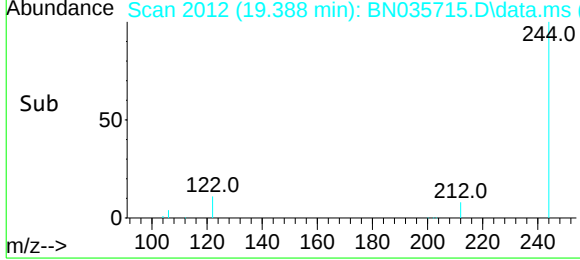
Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20241209



Tgt Ion:	244	Resp:	15944
Ion	Ratio	Lower	Upper
244	100		
212	8.6	8.1	12.1
122	11.5	10.3	15.5

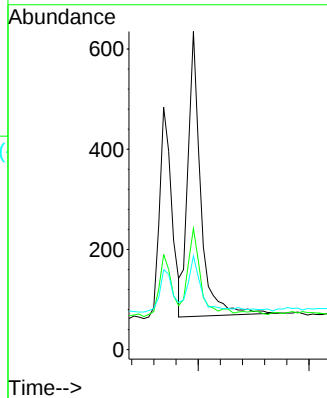
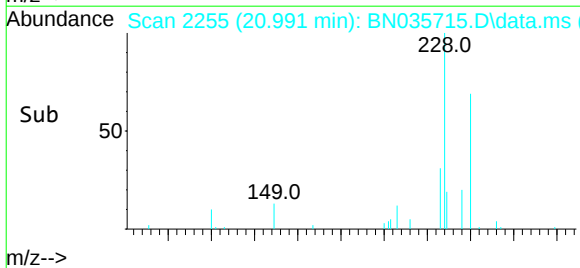
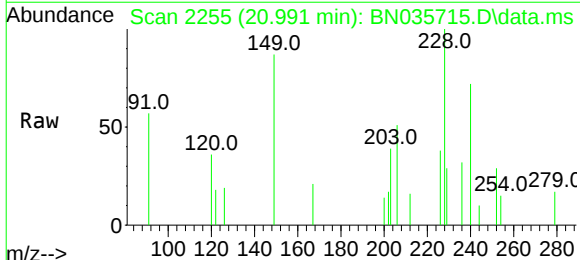
Manual Integrations
 APPROVED

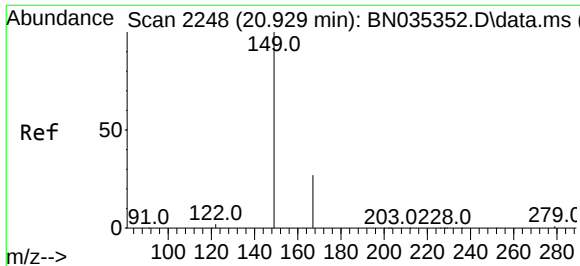
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#33
 Chrysene
 Concen: 0.024 ng
 RT: 20.991 min Scan# 2255
 Delta R.T. -0.000 min
 Lab File: BN035715.D
 Acq: 19 Dec 2024 21:47

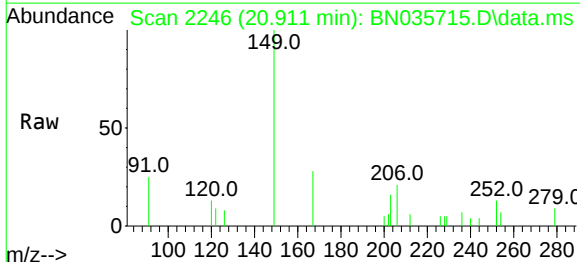
Tgt Ion:	228	Resp:	911
Ion	Ratio	Lower	Upper
228	100		
226	38.1	24.6	37.0#
229	29.4	15.9	23.9#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.087 ng
RT: 20.911 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

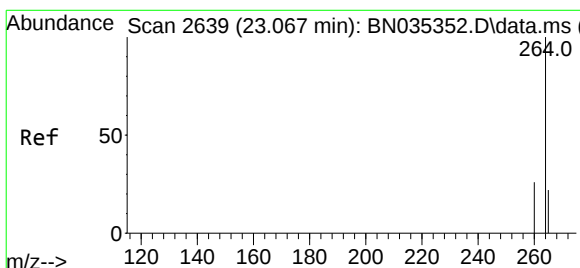
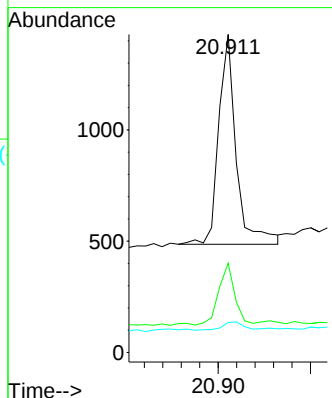
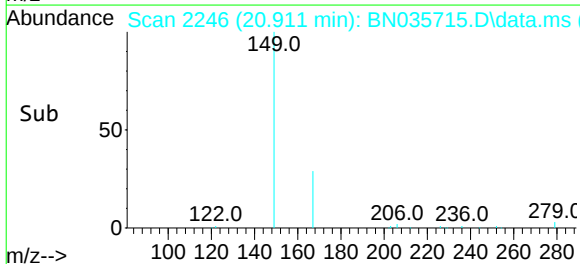
Instrument :
BNA_N
ClientSampleId :
RE122D2-20241209



Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.8	22.2	33.4
279	5.0	2.7	4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.044 min Scan# 2631
Delta R.T. 0.003 min
Lab File: BN035715.D
Acq: 19 Dec 2024 21:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.4	32.2
265	64.9	40.2	60.4

