

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
 Data File : BN035720.D
 Acq On : 20 Dec 2024 00:46
 Operator : RC/JU
 Sample : P5261-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20241209

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 01:46:01 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	7.272	152	2993	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	8239	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	5412	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	10731	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	9459	0.400	ng	0.00
35) Perylene-d12	23.038	264	10379	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	799	0.107	ng	0.00
5) Phenol-d6	6.492	99	479	0.053	ng	0.00
8) Nitrobenzene-d5	8.418	82	1850m	0.368	ng	0.01
11) 2-Methylnaphthalene-d10	11.621	152	4230	0.328	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	733	0.191	ng	0.00
15) 2-Fluorobiphenyl	12.539	172	6104	0.298	ng	0.00
27) Fluoranthene-d10	18.761	212	12378	0.407	ng	0.00
31) Terphenyl-d14	19.389	244	10441	0.560	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.982	88	2349	0.821	ng	96
34) Bis(2-ethylhexyl)phtha...	20.911	149	1039	0.080	ng	# 98

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

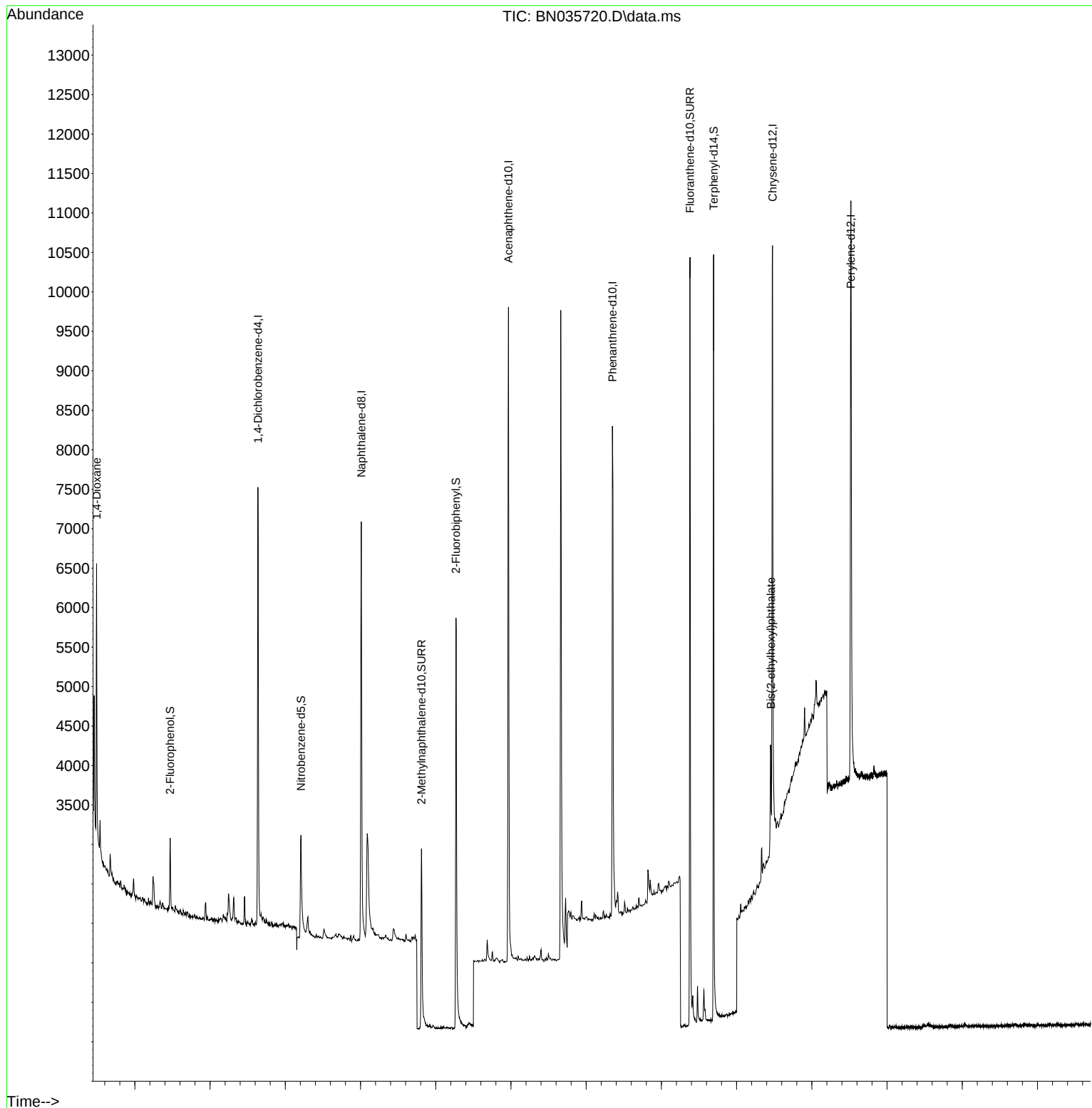
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035720.D
Acq On : 20 Dec 2024 00:46
Operator : RC/JU
Sample : P5261-07
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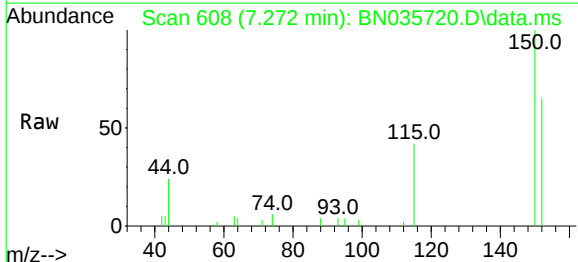
Quant Time: Dec 20 01:46:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.272 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN035720.D
 Acq: 20 Dec 2024 00:46

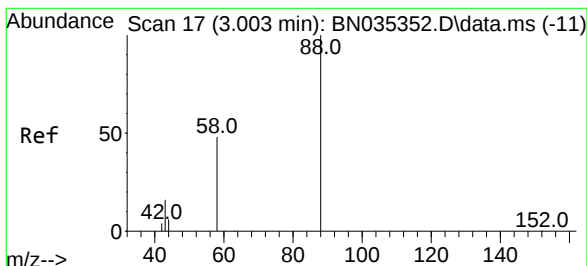
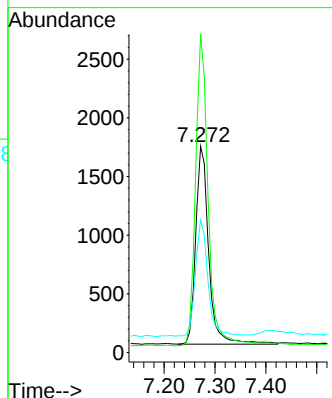
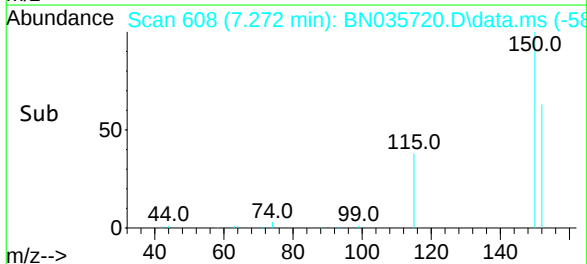
Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20241209



Tgt Ion: 152 Resp: 2993
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.0 186.0
 115 64.3 49.6 74.4

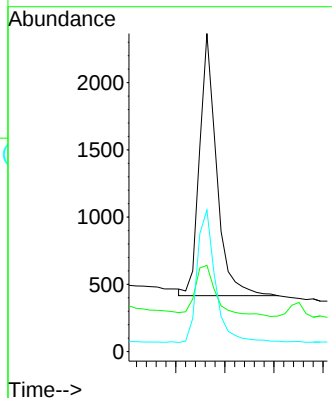
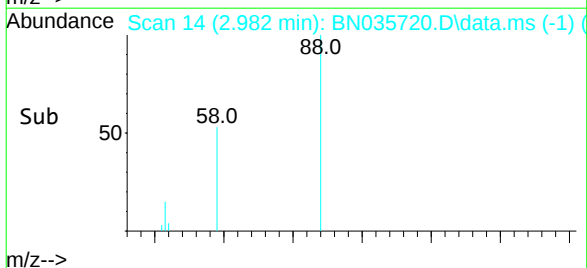
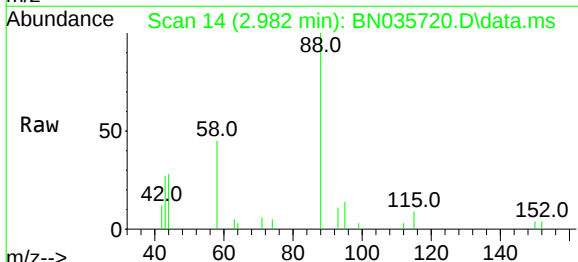
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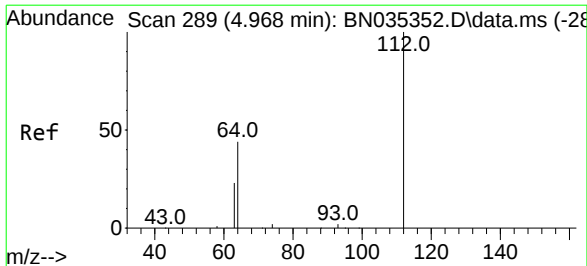
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#2
 1,4-Dioxane
 Concen: 0.821 ng
 RT: 2.982 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN035720.D
 Acq: 20 Dec 2024 00:46

Tgt Ion: 88 Resp: 2349
 Ion Ratio Lower Upper
 88 100
 43 24.7 17.2 25.8
 58 53.9 44.5 66.7





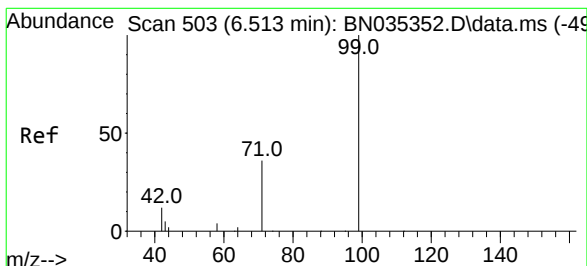
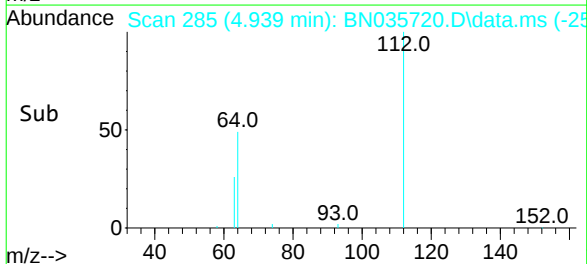
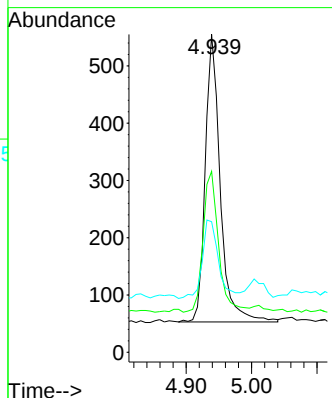
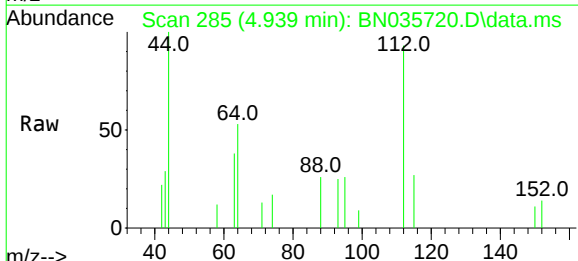
#4
2-Fluorophenol
Concen: 0.107 ng
RT: 4.939 min Scan# 289
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

Instrument :
BNA_N
ClientSampleId :
RE134D1-20241209

Tgt Ion:	112	Resp:	799
Ion	Ratio	Lower	Upper
112	100		
64	50.6	39.8	59.8
63	29.2	21.0	31.6

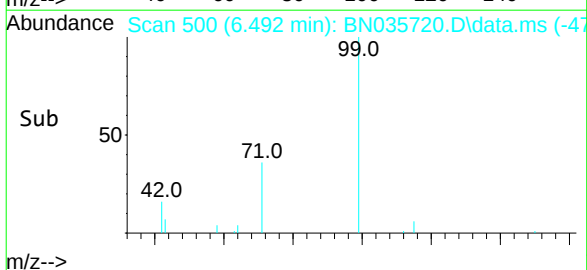
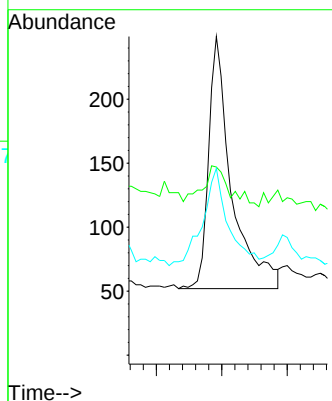
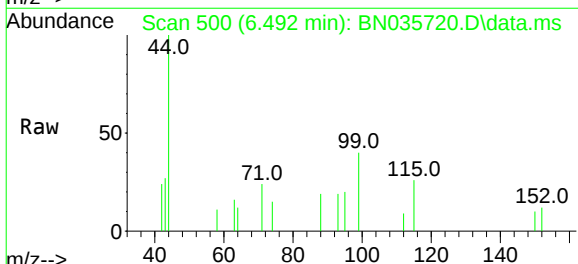
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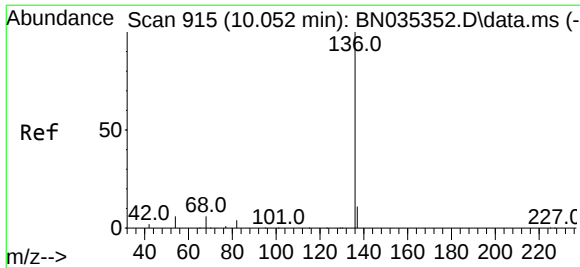
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Phenol-d6
Concen: 0.053 ng
RT: 6.492 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

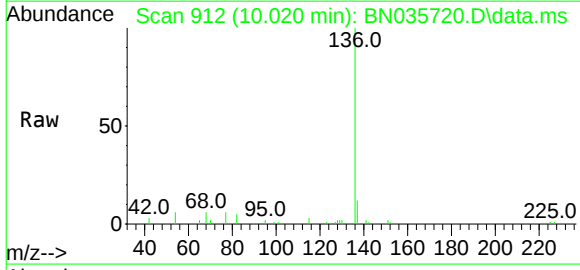
Tgt Ion:	99	Resp:	479
Ion	Ratio	Lower	Upper
99	100		
42	21.5	11.4	17.2#
71	42.8	29.3	43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

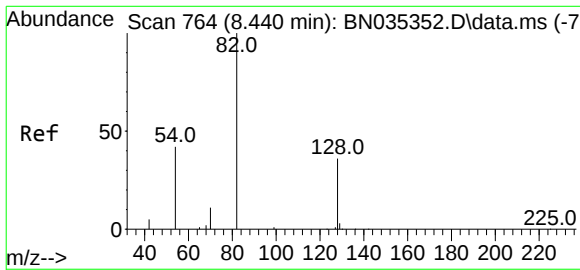
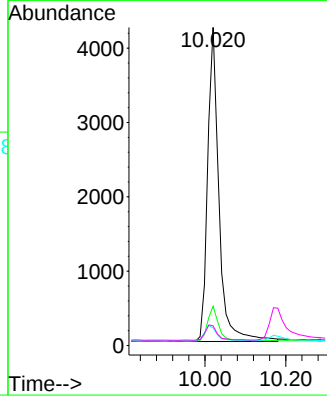
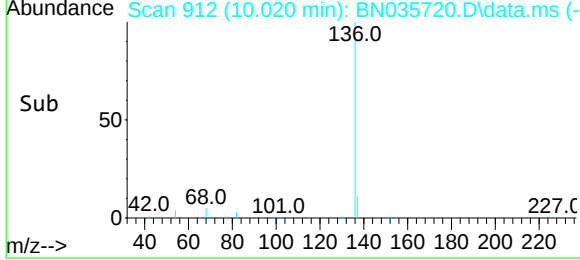
Instrument :
BNA_N
ClientSampleId :
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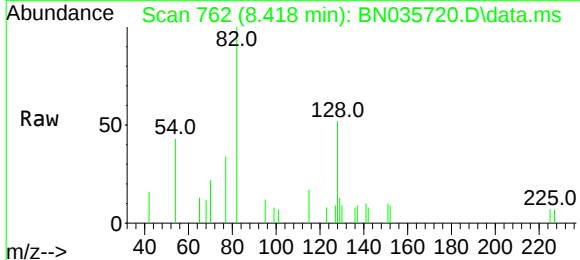
Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.2	15.2
54	5.5	6.1	9.1#
68	6.2	6.4	9.6#

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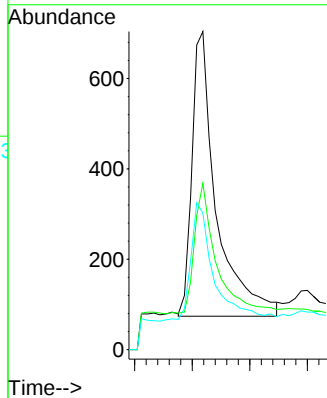
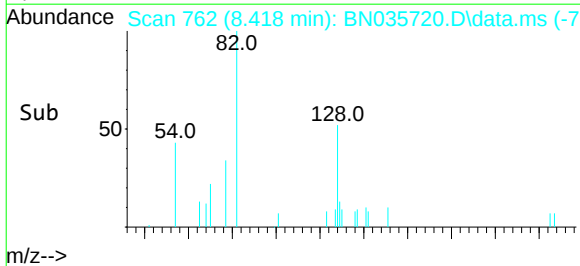
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

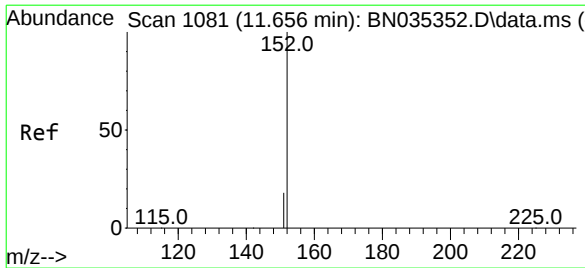


#8
Nitrobenzene-d5
Concen: 0.368 ng m
RT: 8.418 min Scan# 762
Delta R.T. 0.011 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46



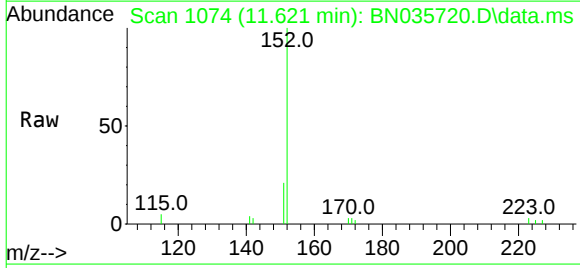
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.3	33.4	50.0#
54	42.9	36.7	55.1





#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 11.621 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

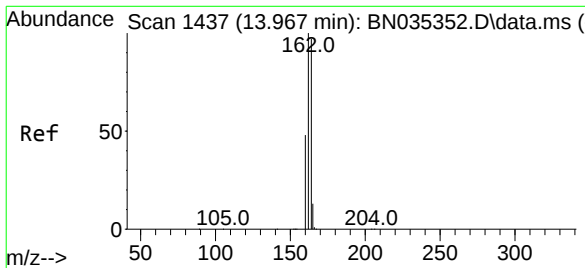
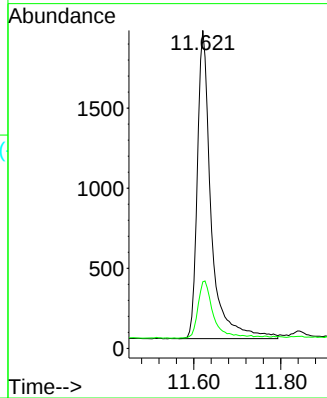
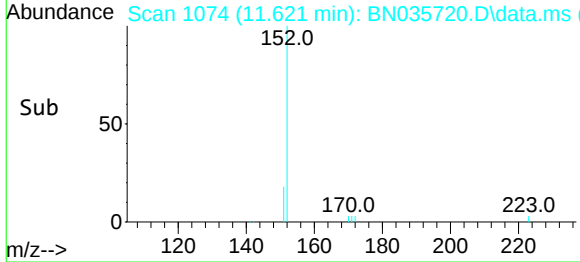
Instrument :
BNA_N
ClientSampleId :
RE134D1-20241209



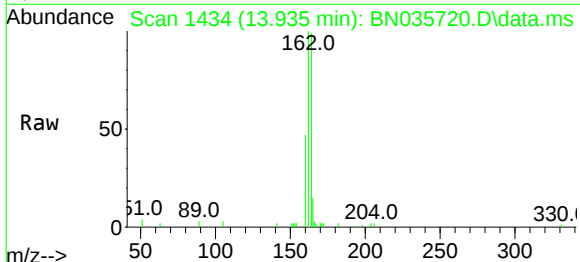
Tgt Ion:152 Resp: 4230
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0

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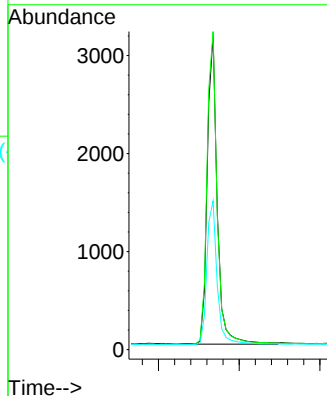
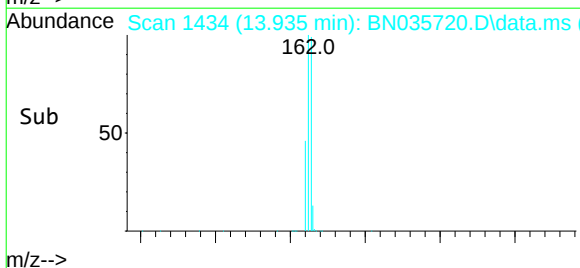
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

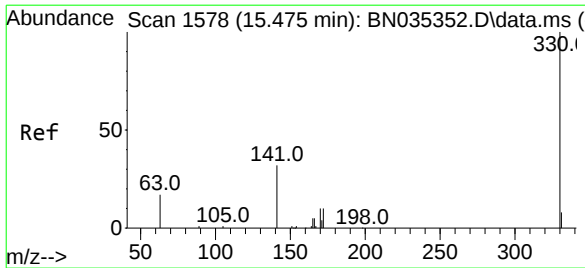


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46



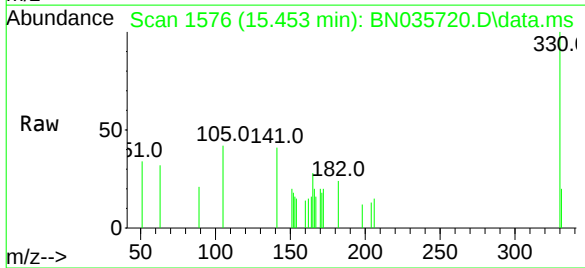
Tgt Ion:164 Resp: 5412
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 47.3 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

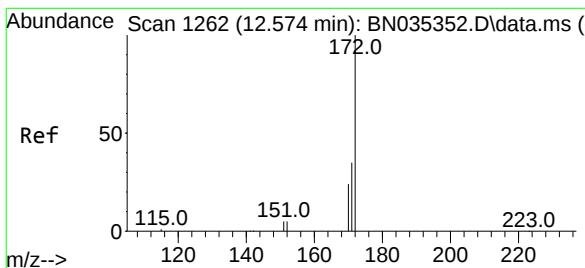
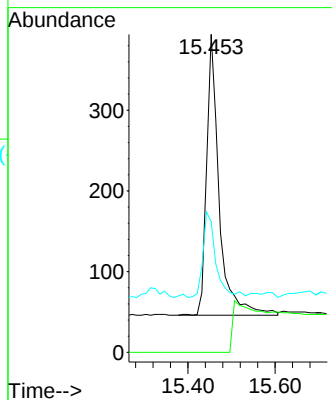
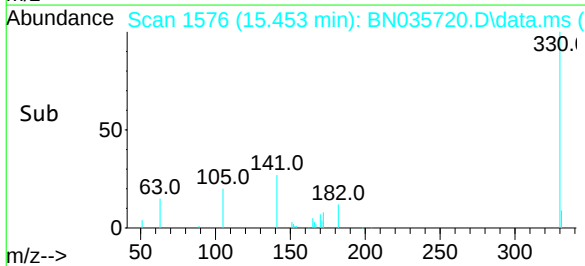
Instrument :
BNA_N
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Tgt Ion:	330	Resp:	733
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.3	26.6	40.0

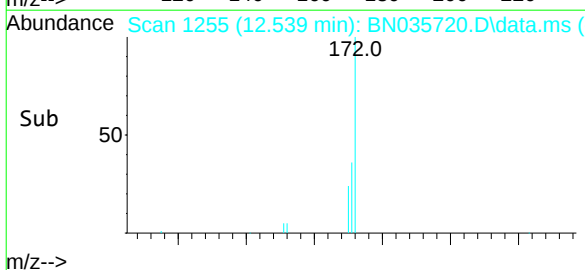
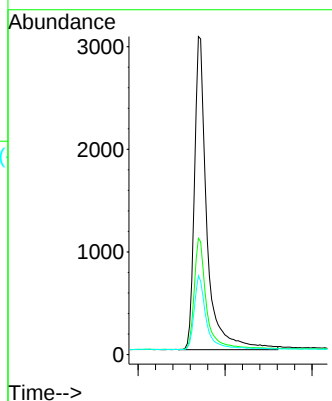
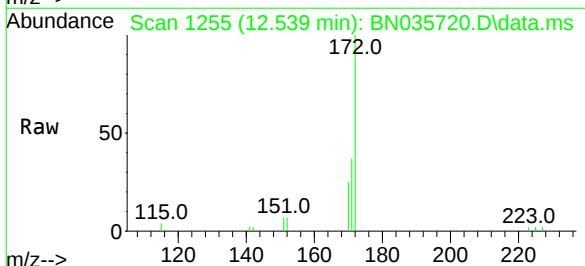
Manual Integrations
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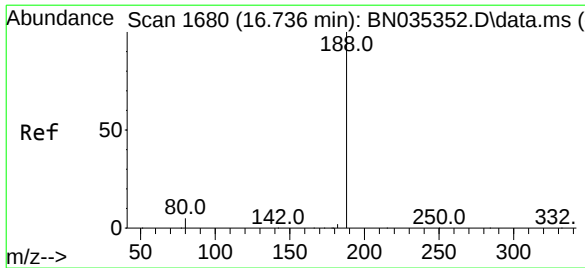
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 12.539 min Scan# 1255
Delta R.T. -0.005 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

Tgt Ion:	172	Resp:	6104
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.8	19.8	29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.698 min Scan# 16

Delta R.T. -0.000 min

Lab File: BN035720.D

Acq: 20 Dec 2024 00:46

Instrument :

BNA_N

ClientSampleId :

RE134D1-20241209

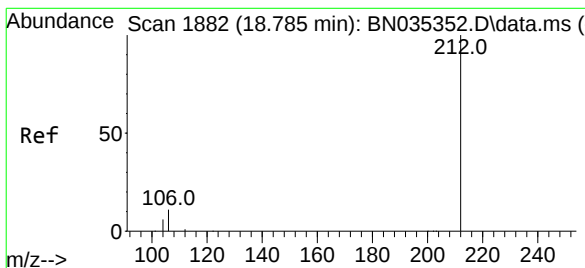
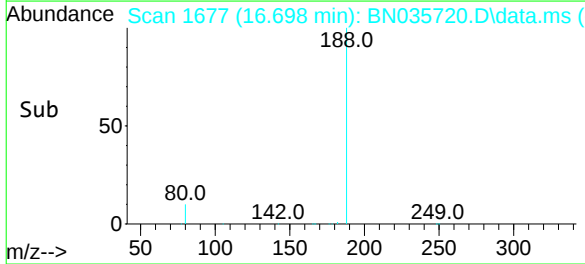
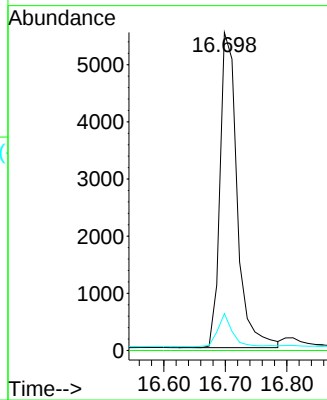
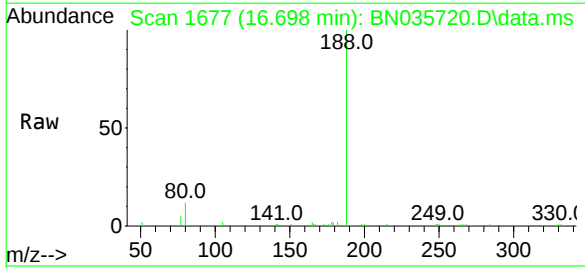
Tgt Ion:	188	Resp:	10731
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.6	4.6	6.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#27

Fluoranthene-d10

Concen: 0.407 ng

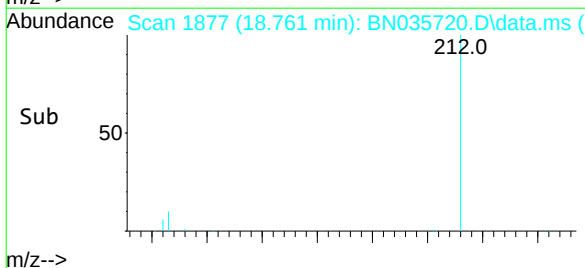
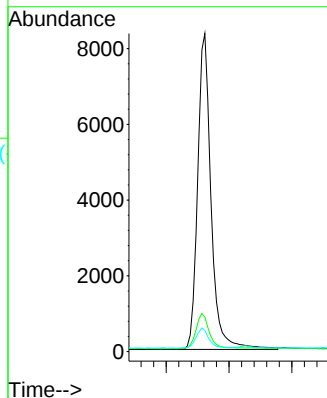
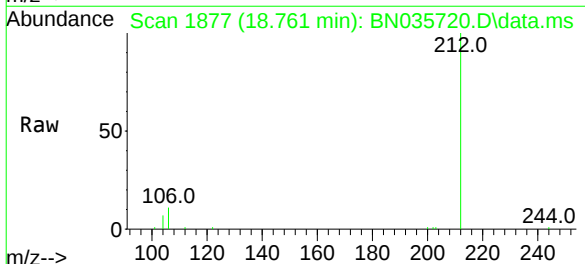
RT: 18.761 min Scan# 1877

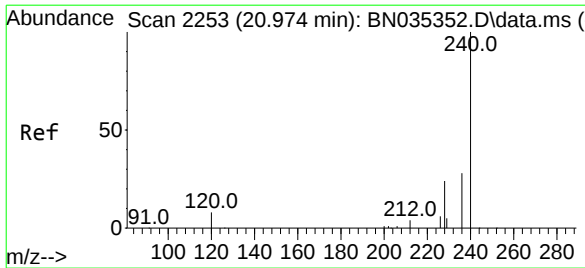
Delta R.T. -0.000 min

Lab File: BN035720.D

Acq: 20 Dec 2024 00:46

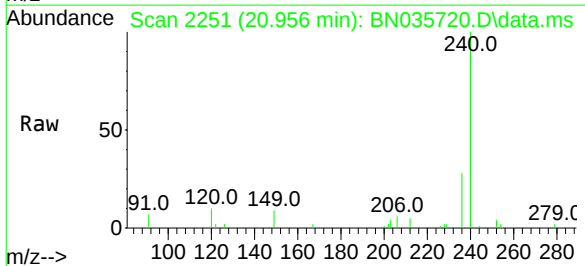
Tgt Ion:	212	Resp:	12378
Ion Ratio	Lower	Upper	
212	100		
106	11.0	9.2	13.8
104	6.0	5.3	7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

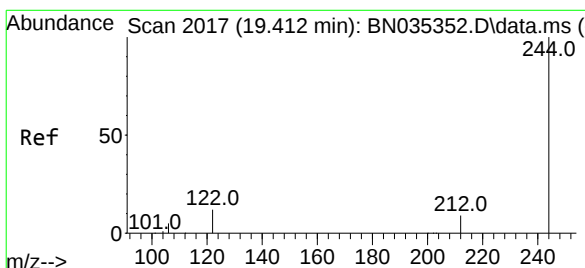
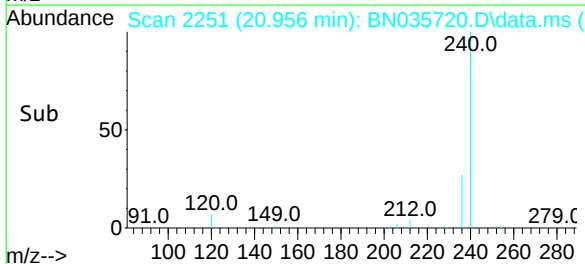
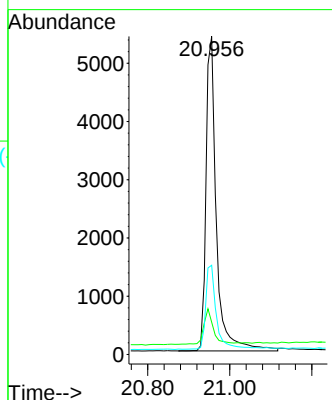
Instrument :
BNA_N
ClientSampleId :
RE134D1-20241209



Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.9	11.9
236	28.1	22.9	34.3

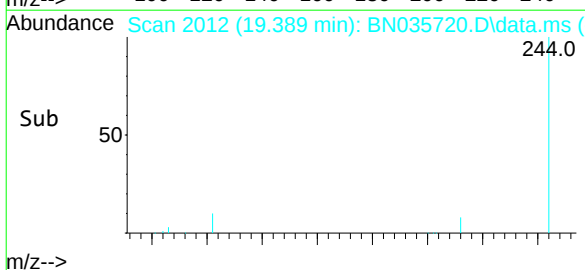
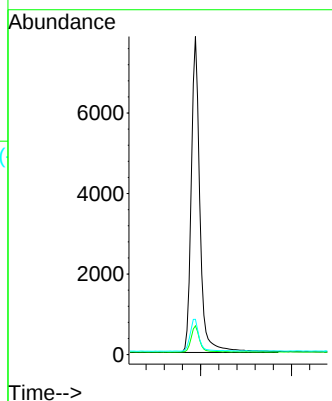
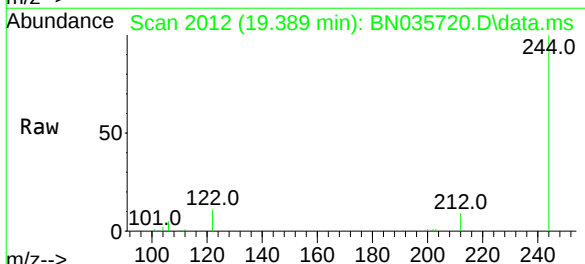
Manual Integrations
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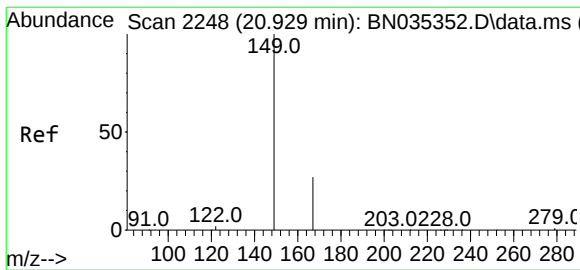
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#31
Terphenyl-d14
Concen: 0.560 ng
RT: 19.389 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

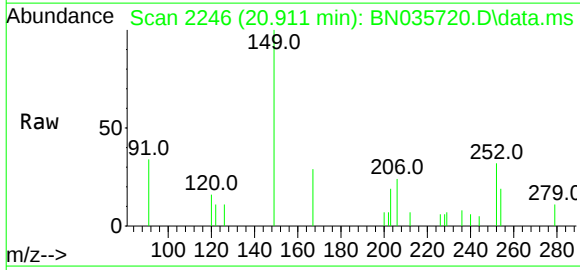
Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.1	12.1
122	11.1	10.3	15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 20.911 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46

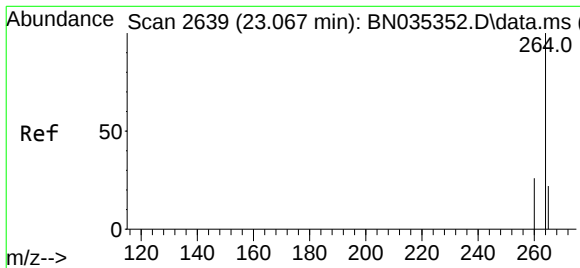
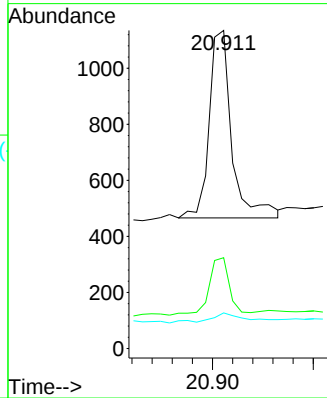
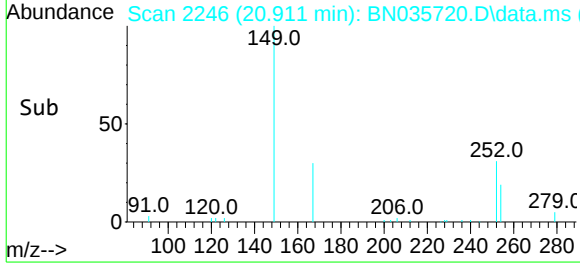
Instrument :
BNA_N
ClientSampleId :
RE134D1-20241209



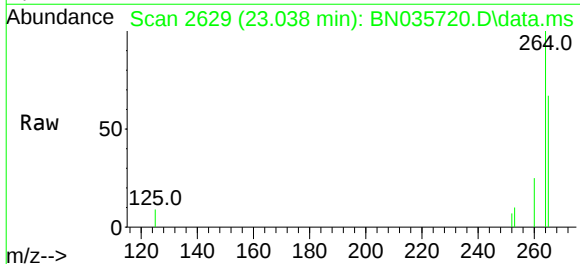
Tgt Ion: 149 Resp: 1039
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 8.7 2.7 4.1#

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: 23.038 min Scan# 2629
Delta R.T. -0.003 min
Lab File: BN035720.D
Acq: 20 Dec 2024 00:46



Tgt Ion: 264 Resp: 10379
Ion Ratio Lower Upper
264 100
260 25.3 21.4 32.2
265 66.6 40.2 60.4#

