

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034238.D
 Acq On : 25 Sep 2024 23:11
 Operator : RC/JU
 Sample : P4164-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20240920

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/26/2024

Quant Time: Sep 26 04:31:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3564	0.400	ng	-0.04
7) Naphthalene-d8	10.693	136	9394	0.400	ng	#-0.05
13) Acenaphthene-d10	14.496	164	4892	0.400	ng	-0.05
19) Phenanthrene-d10	17.237	188	8963	0.400	ng	#-0.04
29) Chrysene-d12	21.409	240	5038	0.400	ng	#-0.03
35) Perylene-d12	23.713	264	3823	0.400	ng	#-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.524	112	1649	0.163	ng	-0.05
5) Phenol-d6	7.106	99	609	0.052	ng	-0.04
8) Nitrobenzene-d5	9.080	82	2240	0.312	ng	-0.04
11) 2-Methylnaphthalene-d10	12.271	152	4454	0.321	ng	-0.05
14) 2,4,6-Tribromophenol	15.996	330	101	0.046	ng	-0.03
15) 2-Fluorobiphenyl	13.139	172	6799	0.342	ng	-0.05
27) Fluoranthene-d10	19.254	212	8364	0.370	ng	-0.04
31) Terphenyl-d14	19.849	244	5303	0.527	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	8917	2.001	ng	# 78
25) Phenanthrene	17.275	178	640m	0.025	ng	
28) Fluoranthene	19.282	202	658	0.022	ng	97
30) Pyrene	19.645	202	648	0.030	ng	# 94
32) Benzo(a)anthracene	21.391	228	330	0.021	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.310	149	1028	0.155	ng	# 86

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

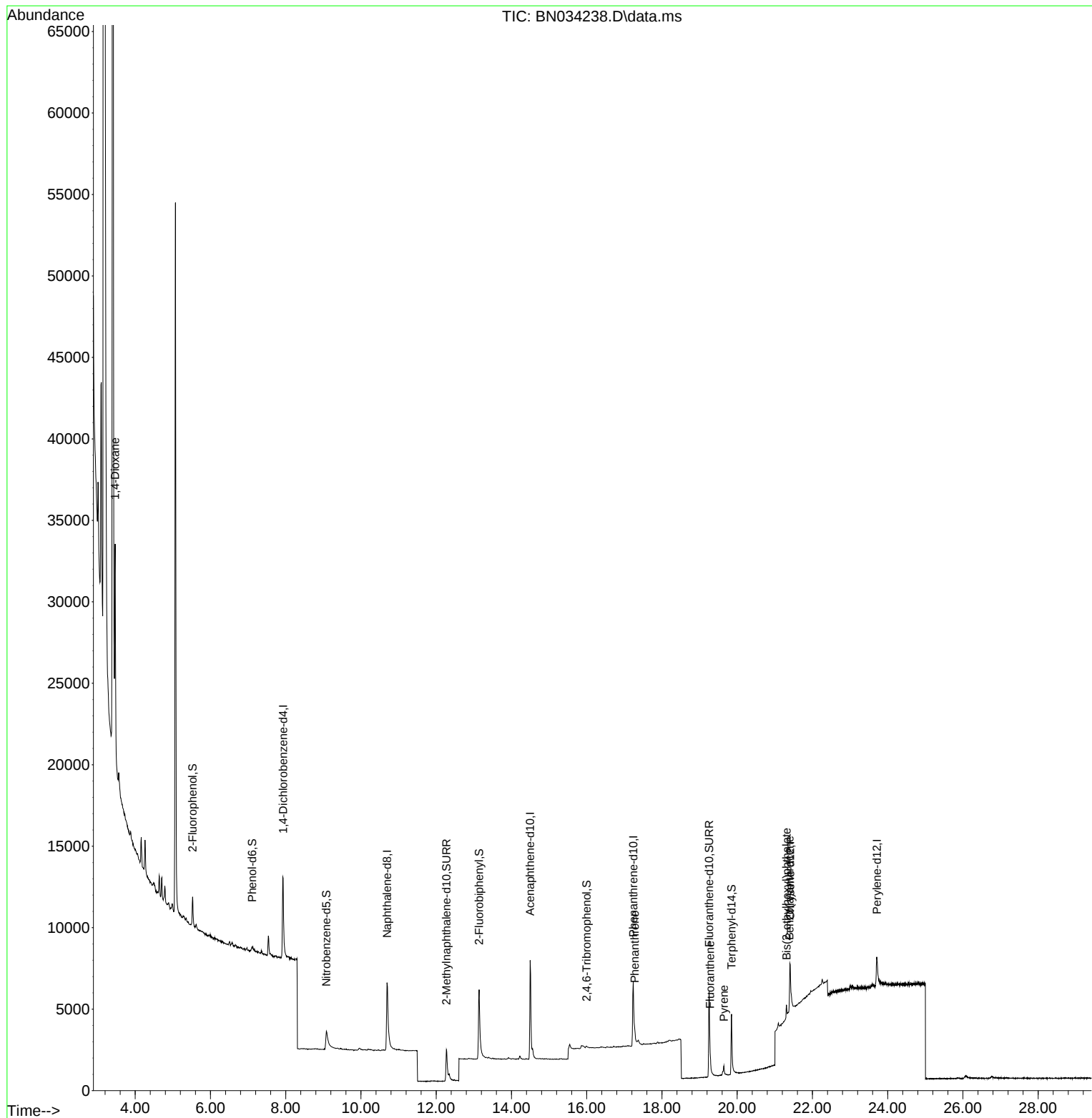
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
Data File : BN034238.D
Acq On : 25 Sep 2024 23:11
Operator : RC/JU
Sample : P4164-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

Quant Time: Sep 26 04:31:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 03:57:12 2024
Response via : Initial Calibration

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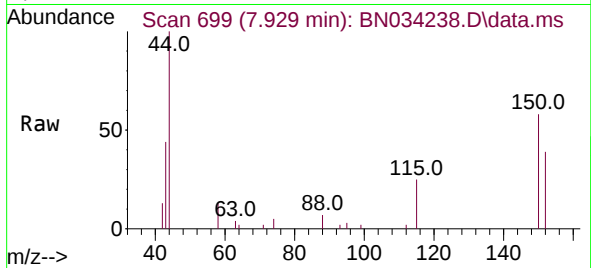
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.929 min Scan# 61
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

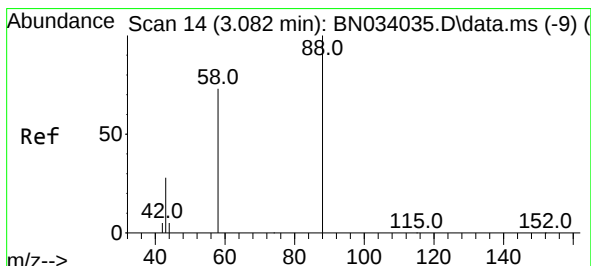
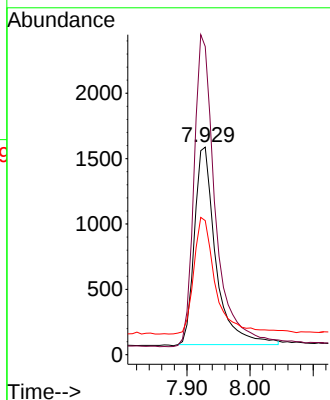
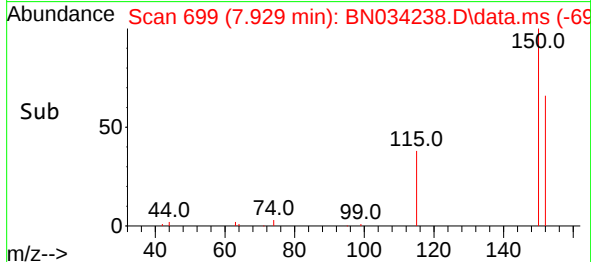
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920



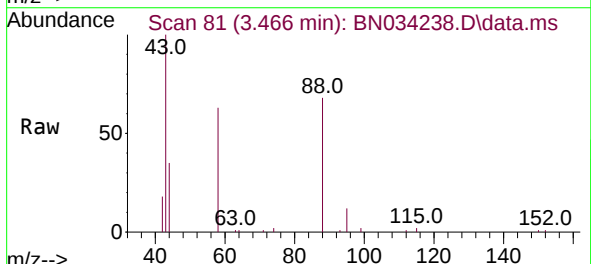
Tgt Ion:152 Resp: 3564
Ion Ratio Lower Upper
152 100
150 148.4 124.6 187.0
115 64.6 50.0 75.0

Manual Integrations
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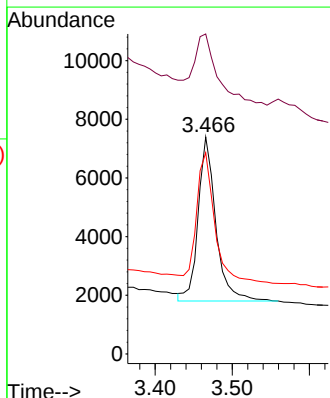
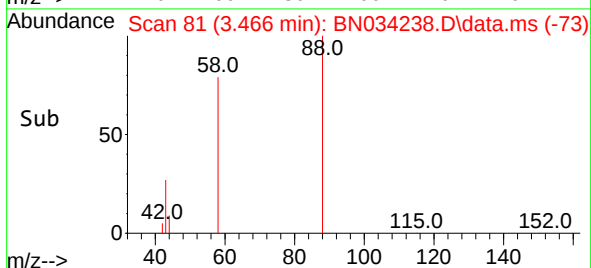
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#2
1,4-Dioxane
Concen: 2.001 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11



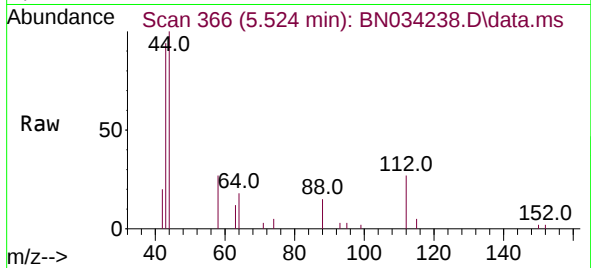
Tgt Ion: 88 Resp: 8917
Ion Ratio Lower Upper
88 100
43 59.3 25.8 38.8#
58 82.2 58.8 88.2





#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.524 min Scan# 30
Delta R.T. -0.050 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

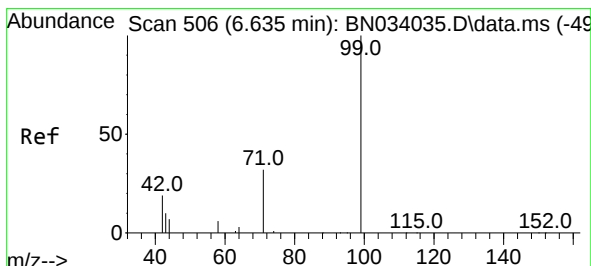
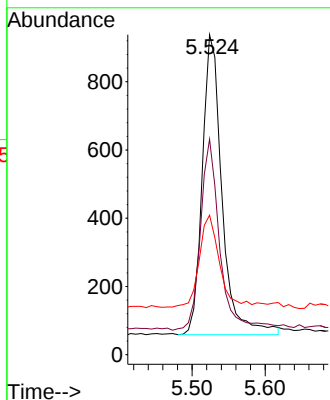
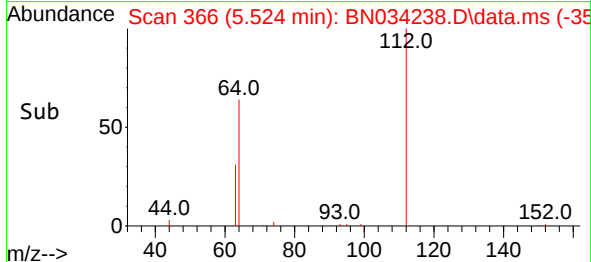
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920



Tgt Ion: 112 Resp: 1649
Ion Ratio Lower Upper
112 100
64 62.6 48.6 72.8
63 32.0 25.6 38.4

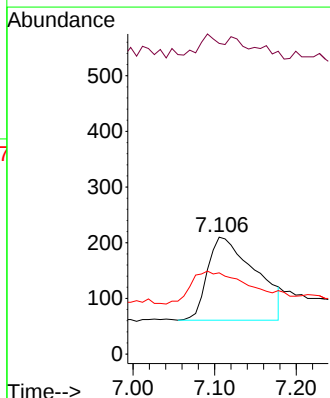
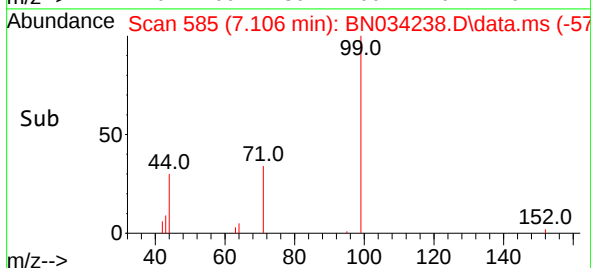
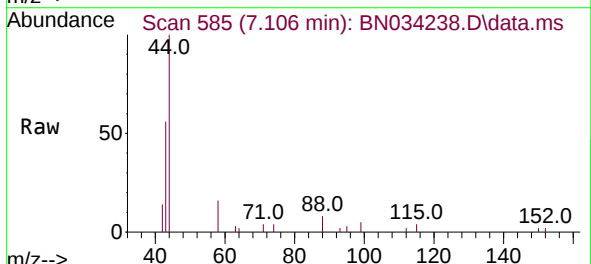
Manual Integrations
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Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#5
Phenol-d6
Concen: 0.052 ng
RT: 7.106 min Scan# 585
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

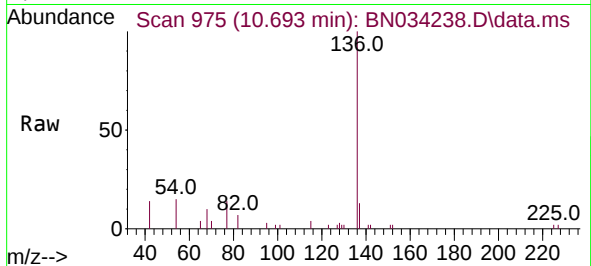
Tgt Ion: 99 Resp: 609
Ion Ratio Lower Upper
99 100
42 10.7 17.8 26.8#
71 45.8 26.2 39.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.693 min Scan# 915
Delta R.T. -0.053 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

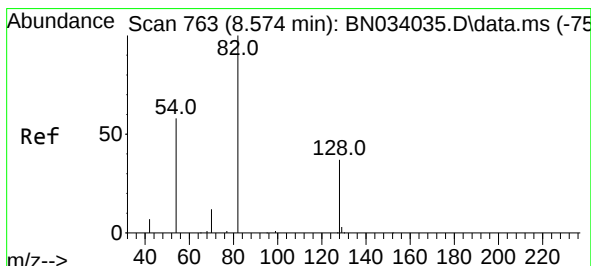
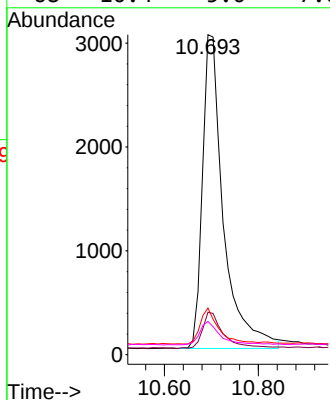
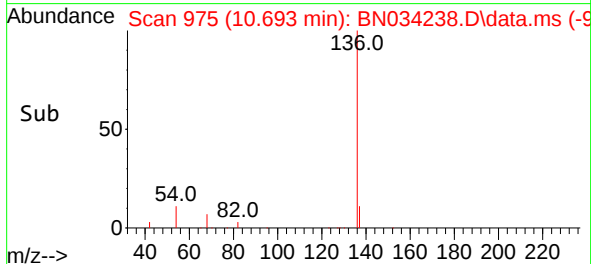
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920



Tgt Ion:136 Resp: 9394
Ion Ratio Lower Upper
136 100
137 13.3 9.0 13.6
54 14.6 6.8 10.2
68 10.4 5.0 7.6#

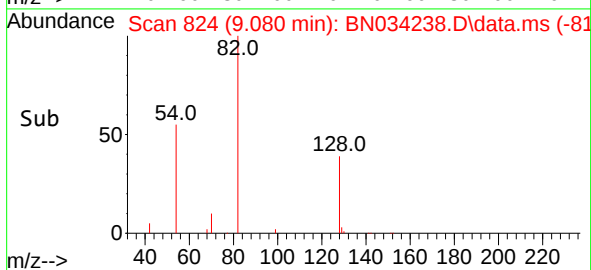
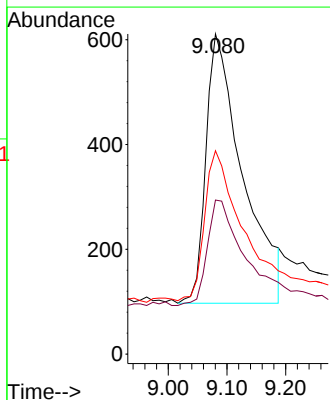
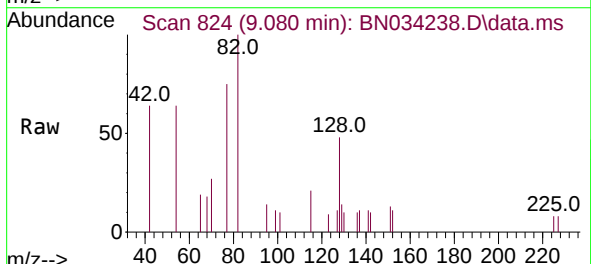
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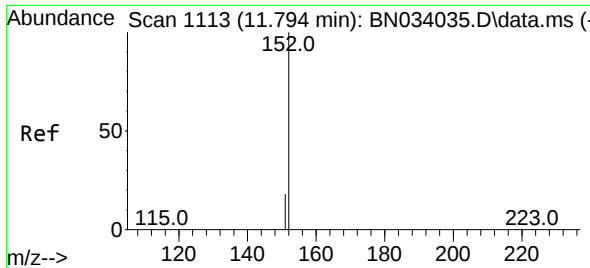
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

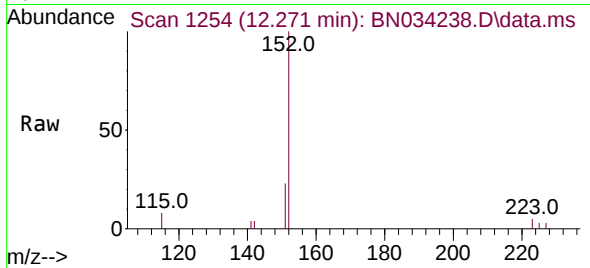
Tgt Ion: 82 Resp: 2240
Ion Ratio Lower Upper
82 100
128 48.1 31.4 47.2#
54 63.5 47.4 71.0





#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.271 min Scan# 1113
Delta R.T. -0.053 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

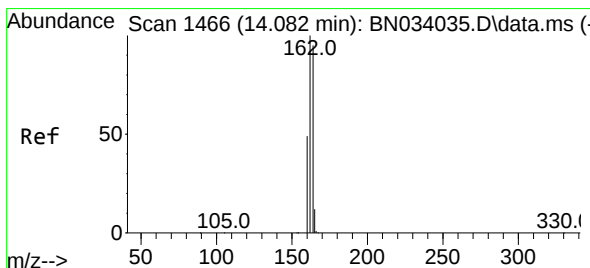
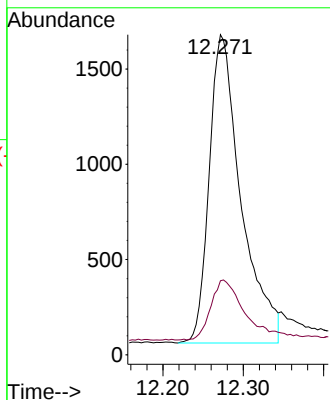
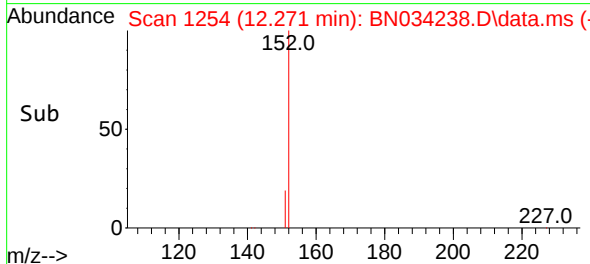
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920



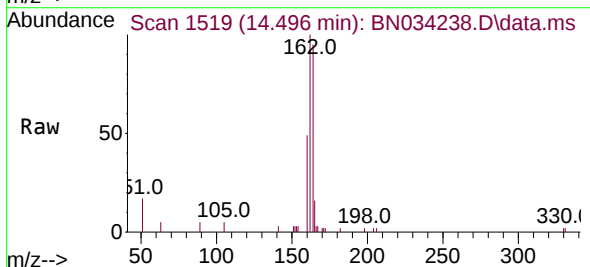
Tgt Ion:152 Resp: 4454
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2

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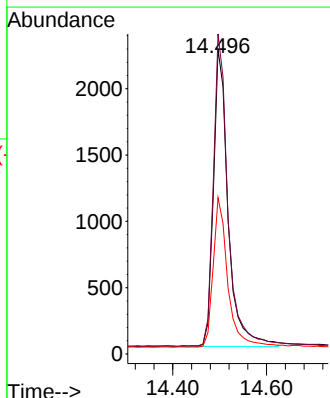
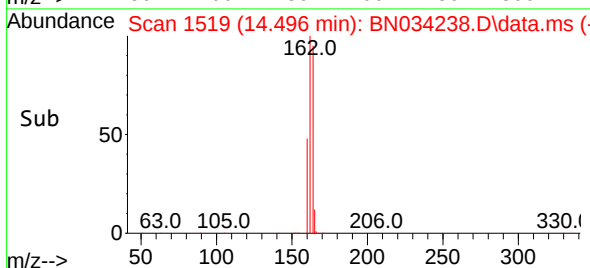
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.496 min Scan# 1519
Delta R.T. -0.046 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11



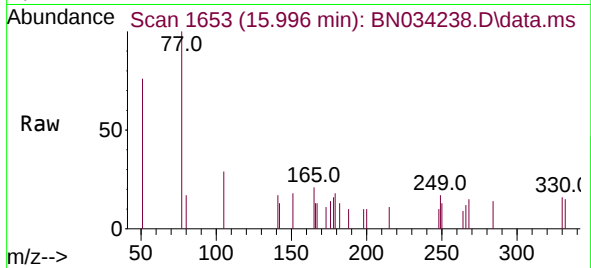
Tgt Ion:164 Resp: 4892
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.2
160 51.4 41.7 62.5





#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 15.996 min Scan# 1606
Delta R.T. -0.030 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

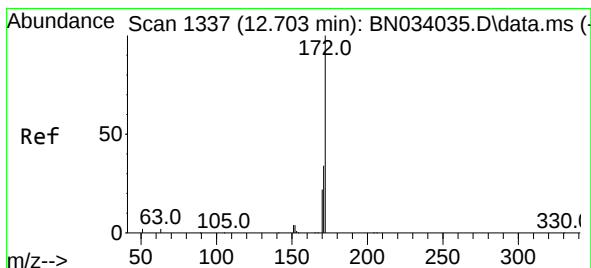
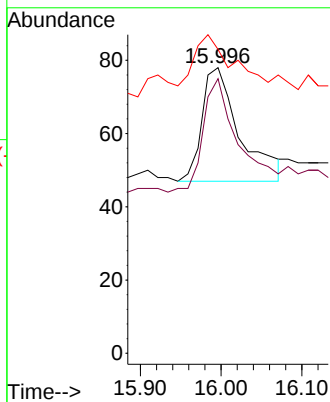
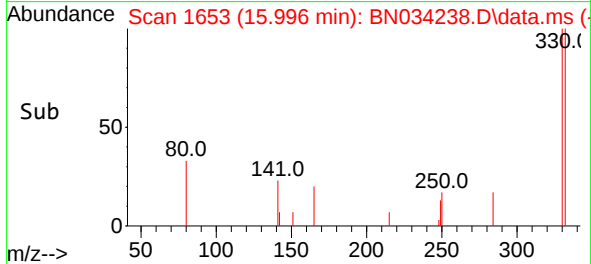
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920



Tgt Ion:330 Resp: 100
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 49.5 35.9 53.9

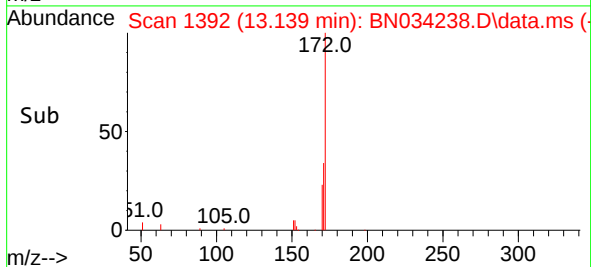
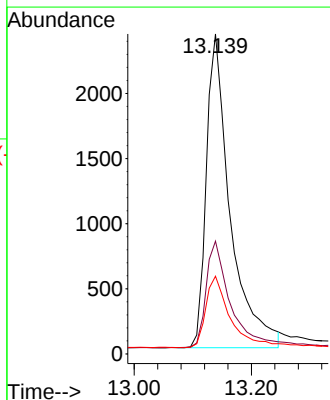
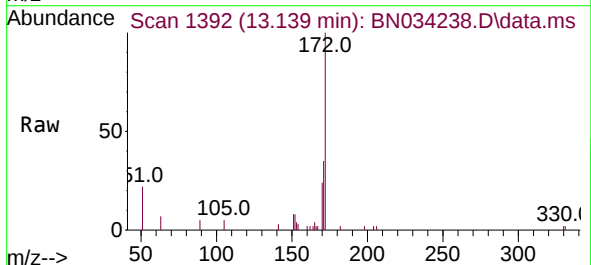
Manual Integrations
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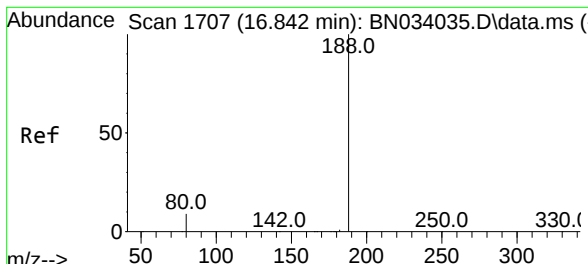
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.139 min Scan# 1392
Delta R.T. -0.046 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion:172 Resp: 6799
Ion Ratio Lower Upper
172 100
171 35.2 27.3 40.9
170 24.3 18.1 27.1





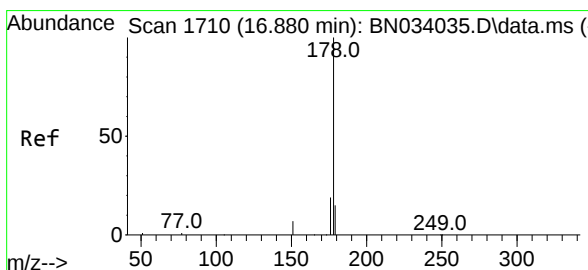
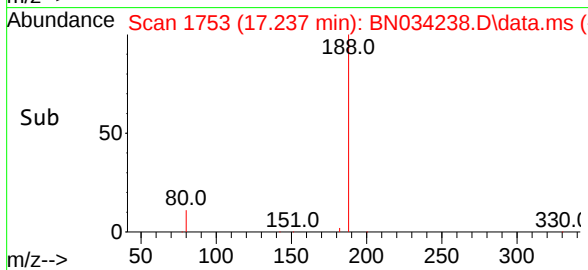
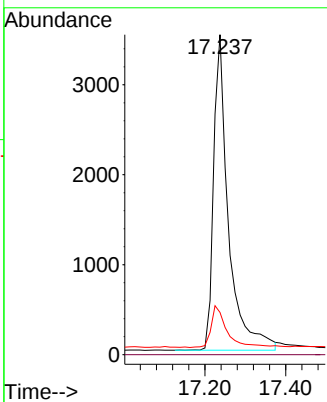
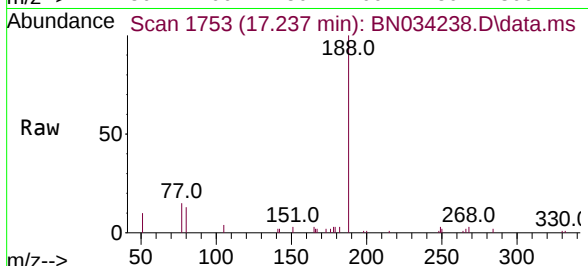
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1753
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

Tgt Ion:	188	Resp:	896
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.2	7.4	11.0

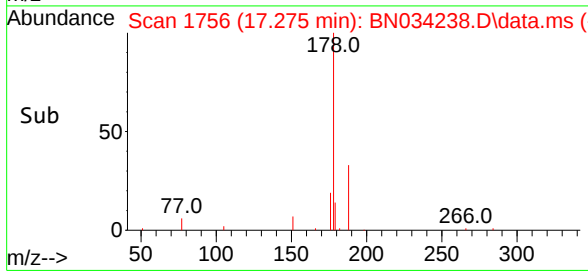
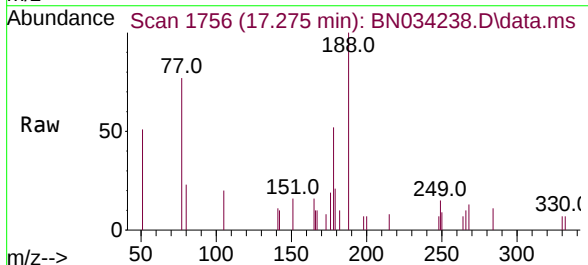
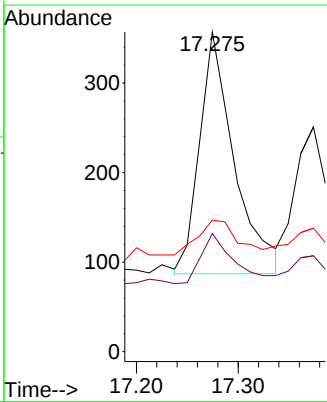
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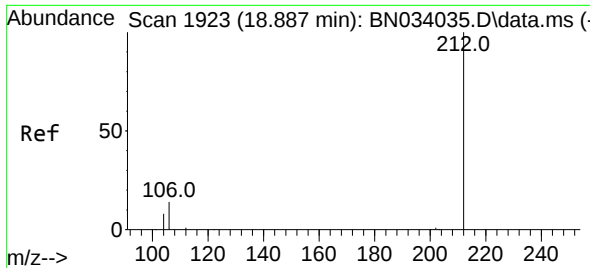
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#25
Phenanthrene
Concen: 0.025 ng m
RT: 17.275 min Scan# 1756
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

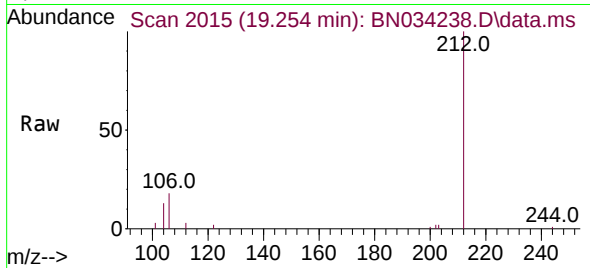
Tgt Ion:	178	Resp:	640
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.3	22.9
179	16.3	12.1	18.1





#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.254 min Scan# 2015
Delta R.T. -0.039 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

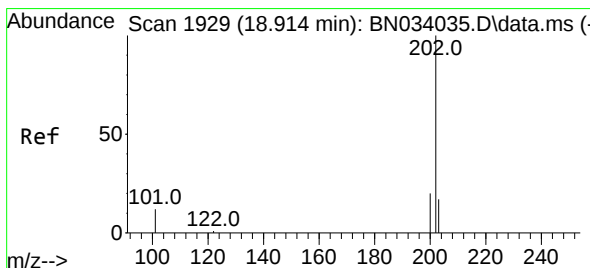
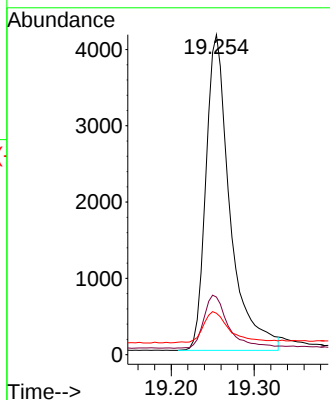
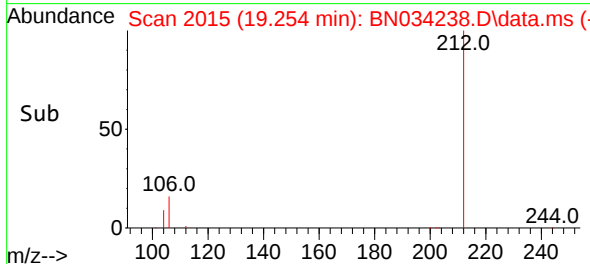
Instrument :
BNA_N
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RE139D1-20240920



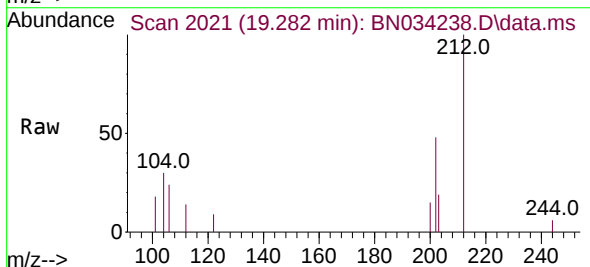
Tgt Ion:212 Resp: 8364
Ion Ratio Lower Upper
212 100
106 17.2 13.4 20.2
104 10.8 7.8 11.6

Manual Integrations
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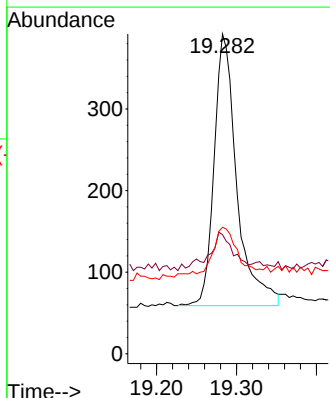
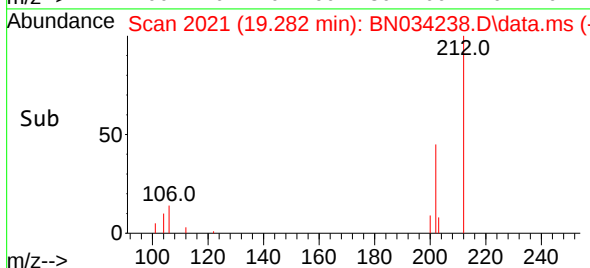
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024

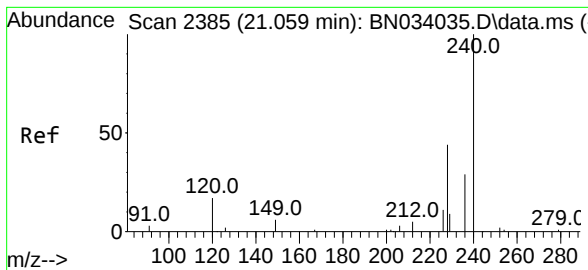


#28
Fluoranthene
Concen: 0.022 ng
RT: 19.282 min Scan# 2021
Delta R.T. -0.039 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11



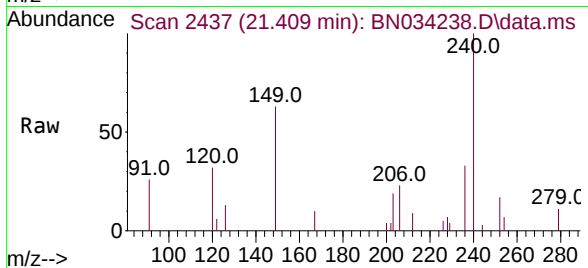
Tgt Ion:202 Resp: 658
Ion Ratio Lower Upper
202 100
101 10.5 10.1 15.1
203 17.2 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 2437
Delta R.T. -0.029 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

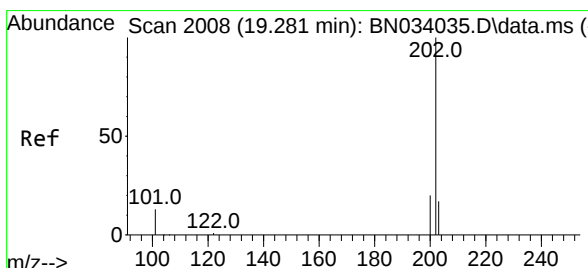
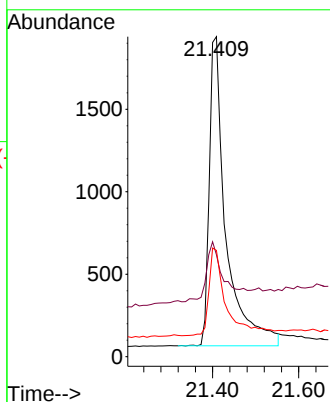
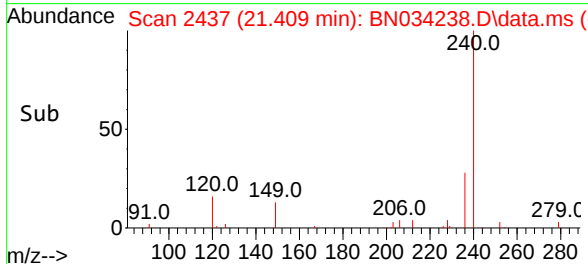
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920



Tgt Ion:240 Resp: 5038
Ion Ratio Lower Upper
240 100
120 31.9 13.5 20.3
236 33.2 23.4 35.0

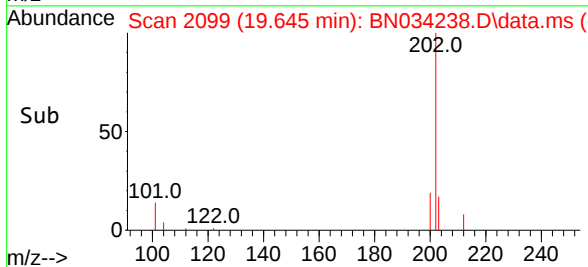
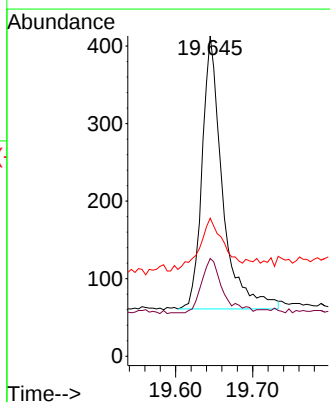
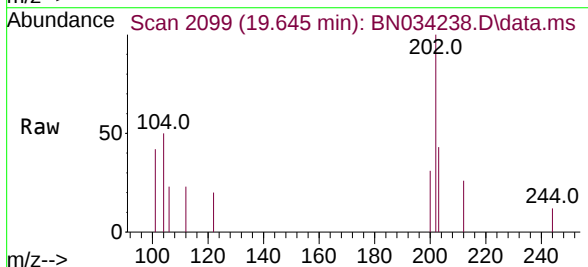
Manual Integrations
APPROVED

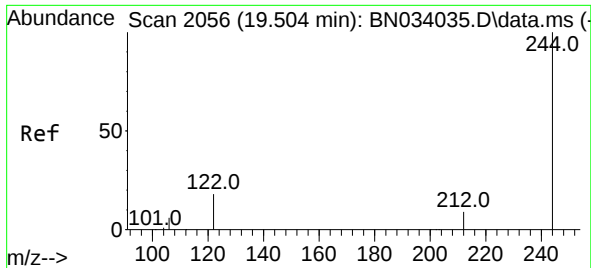
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#30
Pyrene
Concen: 0.030 ng
RT: 19.645 min Scan# 2099
Delta R.T. -0.039 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

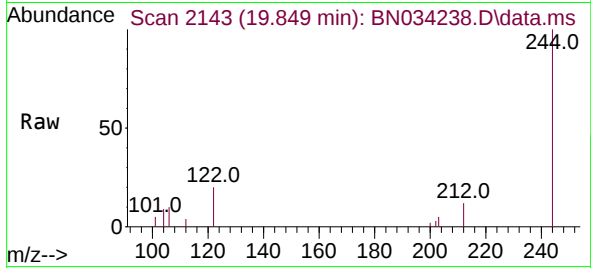
Tgt Ion:202 Resp: 648
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 23.1 14.3 21.5





#31
Terphenyl-d14
Concen: 0.527 ng
RT: 19.849 min Scan# 2143
Delta R.T. -0.039 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

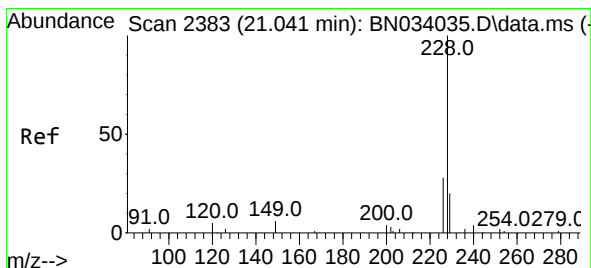
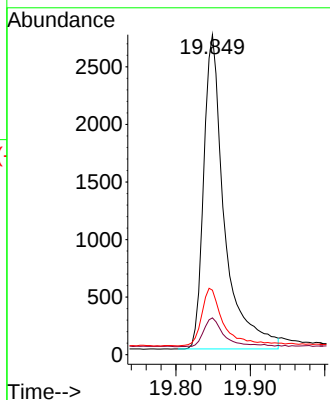
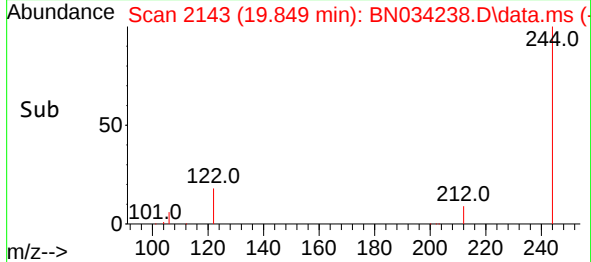
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920



Tgt Ion:244 Resp: 530
Ion Ratio Lower Upper
244 100
212 11.5 7.8 11.6
122 20.2 14.8 22.2

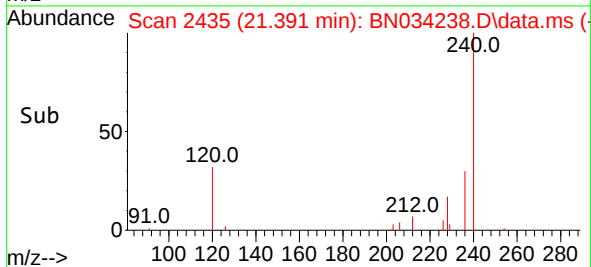
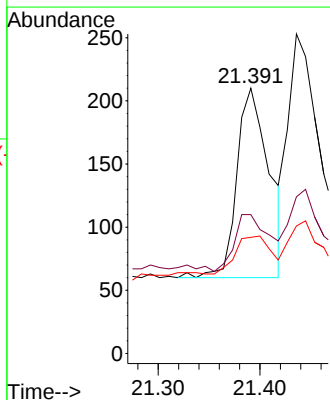
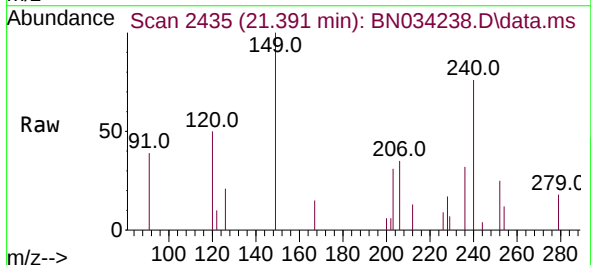
Manual Integrations
APPROVED

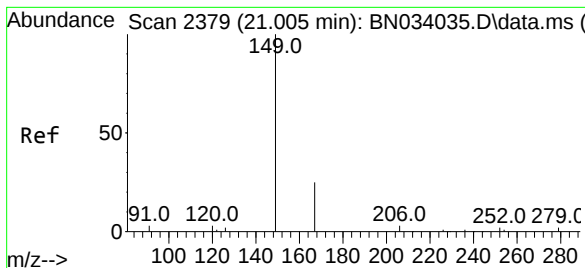
Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.391 min Scan# 2435
Delta R.T. -0.029 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

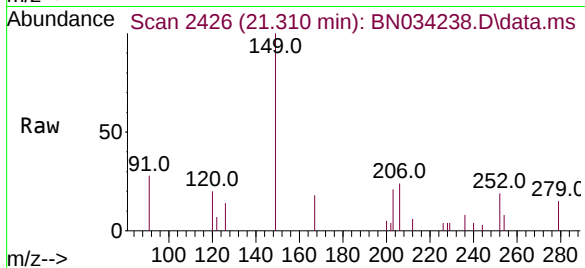
Tgt Ion:228 Resp: 330
Ion Ratio Lower Upper
228 100
226 52.4 22.3 33.5#
229 43.8 15.7 23.5#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.310 min Scan# 2426
Delta R.T. -0.029 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

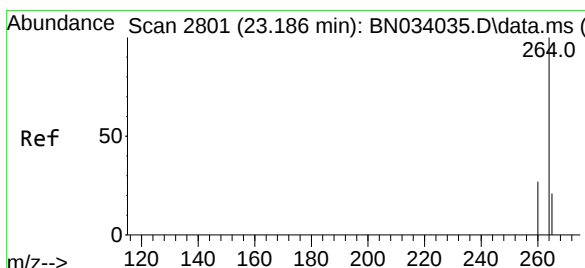
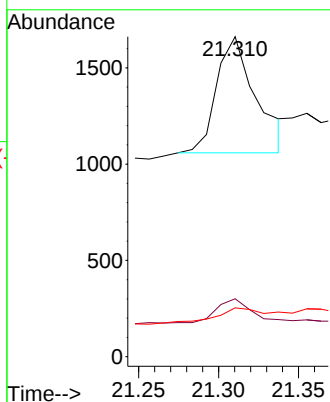
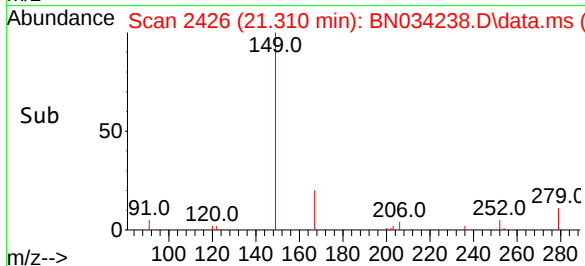
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920



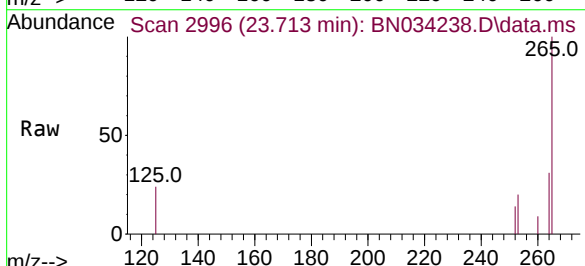
Tgt Ion:149 Resp: 1028
Ion Ratio Lower Upper
149 100
167 18.4 19.9 29.9
279 11.4 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/26/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.713 min Scan# 2996
Delta R.T. -0.055 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11



Tgt Ion:264 Resp: 3823
Ion Ratio Lower Upper
264 100
260 27.8 21.7 32.5
265 325.7 52.1 78.1

