

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
 Data File : BN035128.D
 Acq On : 16 Nov 2024 05:02
 Operator : RC/JU
 Sample : P4761-20
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A0AN8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 16 05:28:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 00:41:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	3518	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.312	136	10080	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.185	164	7992	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	15451m	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	10662	0.400	ng/ul	# 0.00
23) Perylene-d12	23.296	264	12715m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	13927	4.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	4583	0.297	ng/ul	-0.01
18) Fluoranthene-d10	18.972	212	10668	0.390	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.361	128	17515	0.694	ng/ul	98
7) 2-Methylnaphthalene	11.983	142	3789	0.201	ng/ul	98
8) 1-Methylnaphthalene	12.203	142	5595	0.296	ng/ul	98
10) Acenaphthylene	13.907	152	822	0.025	ng/ul#	1
11) Acenaphthene	14.250	153	4892	0.198	ng/ul	97
12) Fluorene	15.240	166	4459	0.142	ng/ul#	91
15) Phenanthrene	16.975	178	5257	0.127	ng/ul#	80
16) Anthracene	17.068	178	2240	0.058	ng/ul#	51
19) Fluoranthene	19.000	202	3392	0.095	ng/ul#	68
20) Pyrene	19.363	202	2349	0.064	ng/ul#	58

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

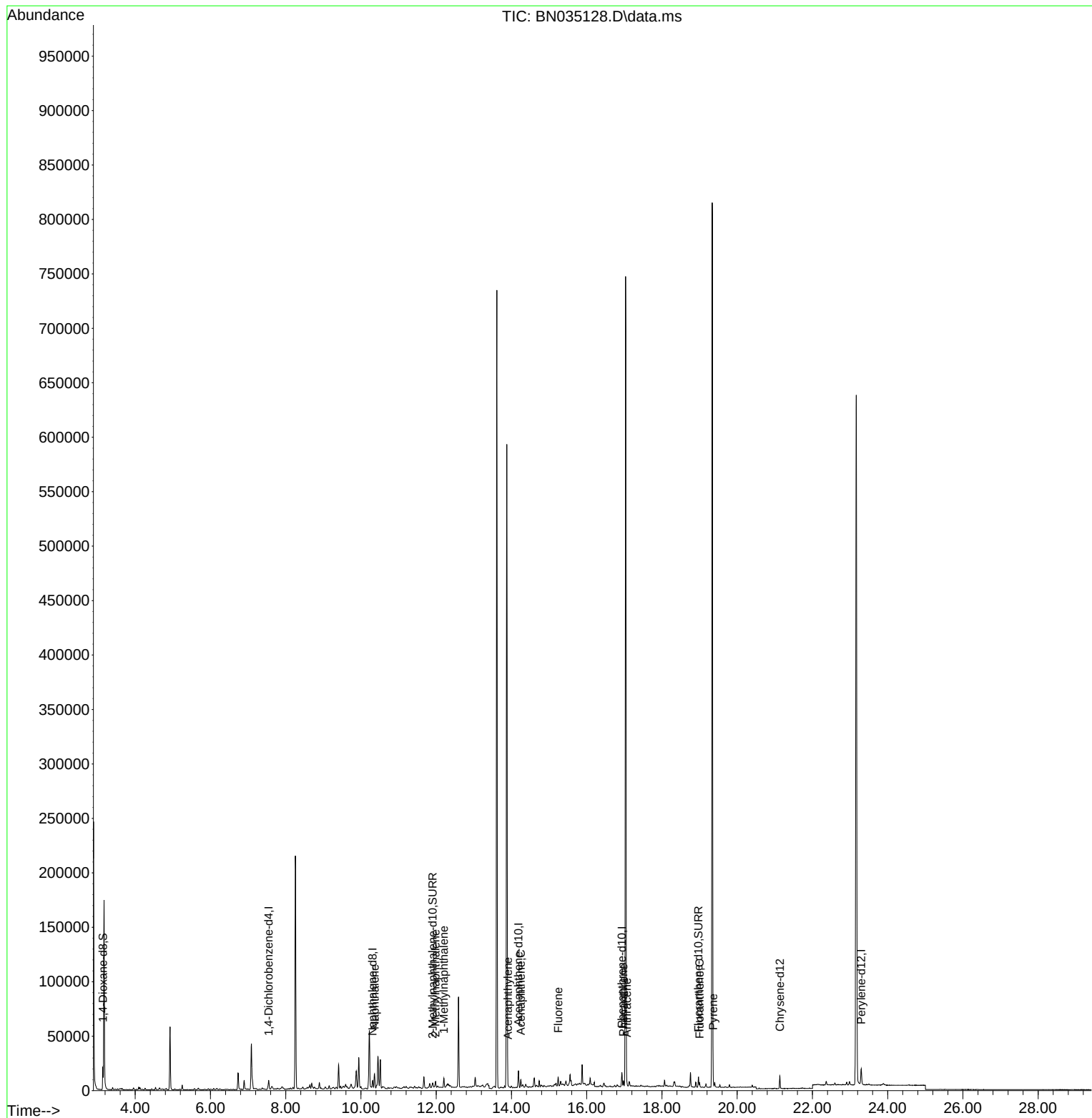
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
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ALS Vial : 34 Sample Multiplier: 1

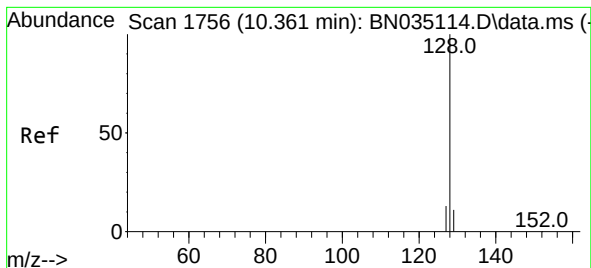
Instrument :
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QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.694 ng/ul

RT: 10.361 min Scan# 1756

Delta R.T. -0.011 min

Lab File: BN035128.D

Acq: 16 Nov 2024 05:02

Instrument :

BNA_N

ClientSampleId :

A0AN8

Tgt Ion:128 Resp: 1751

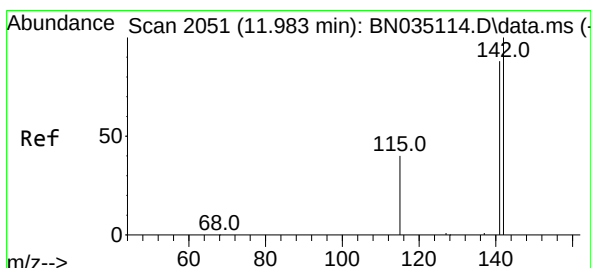
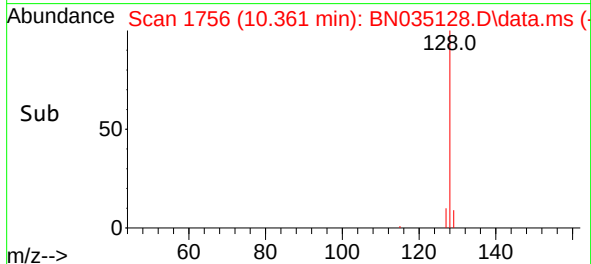
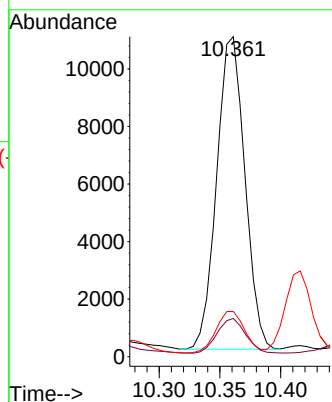
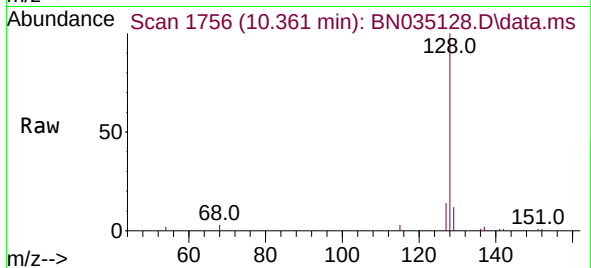
Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.1	15.1
127	14.1	12.1	18.1

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#7

2-Methylnaphthalene

Concen: 0.201 ng/ul

RT: 11.983 min Scan# 2051

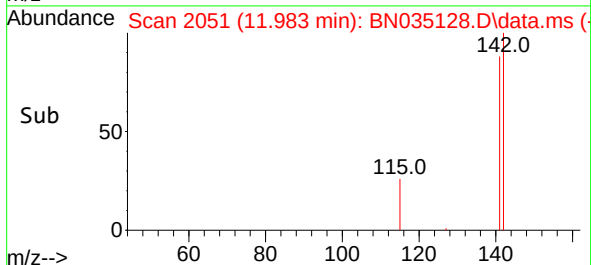
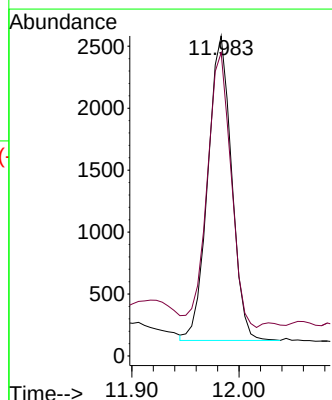
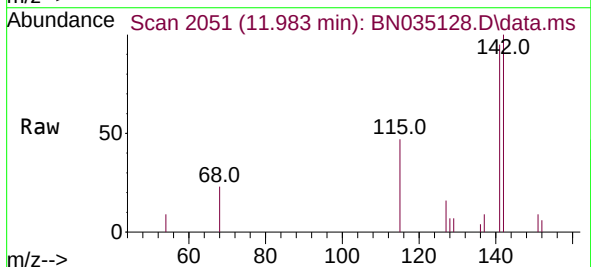
Delta R.T. -0.011 min

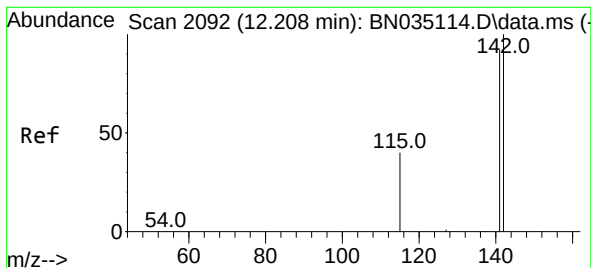
Lab File: BN035128.D

Acq: 16 Nov 2024 05:02

Tgt Ion:142 Resp: 3789

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2





#8

1-Methylnaphthalene

Concen: 0.296 ng/ul

RT: 12.203 min Scan# 2091

Delta R.T. -0.011 min

Lab File: BN035128.D

Acq: 16 Nov 2024 05:02

Instrument :

BNA_N

ClientSampleId :

A0AN8

Tgt Ion:142 Resp: 559

Ion Ratio Lower Upper

142 100

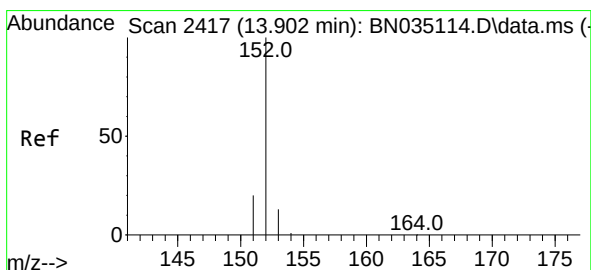
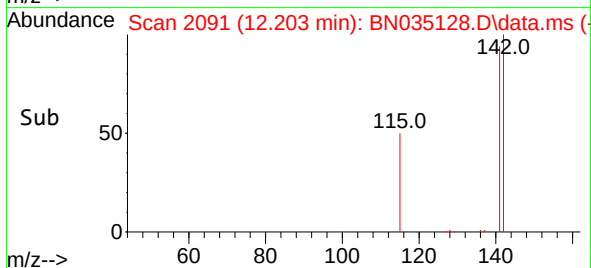
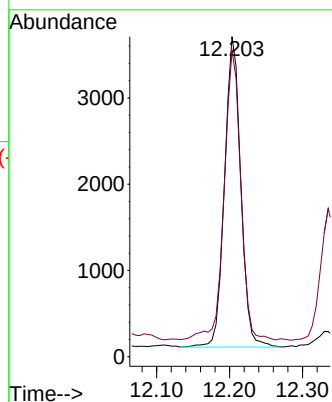
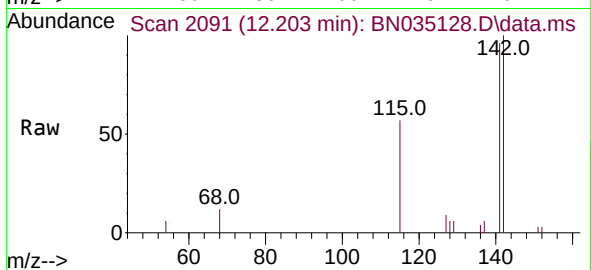
141 95.0 74.6 111.8

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#10

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.907 min Scan# 2418

Delta R.T. -0.005 min

Lab File: BN035128.D

Acq: 16 Nov 2024 05:02

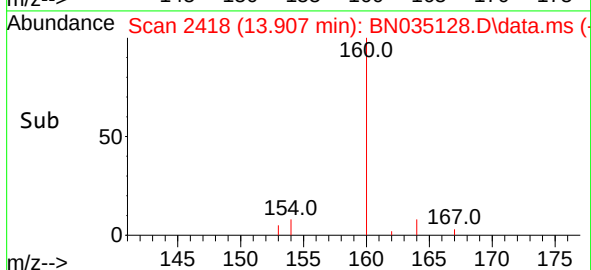
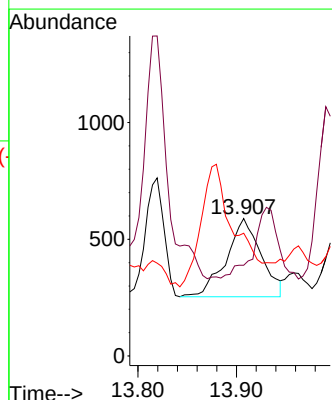
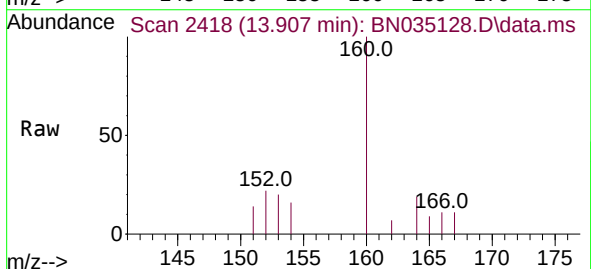
Tgt Ion:152 Resp: 822

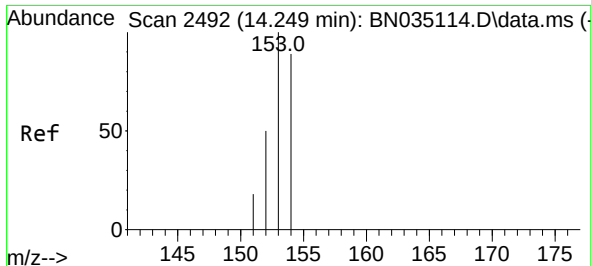
Ion Ratio Lower Upper

152 100

151 66.0 16.6 24.8#

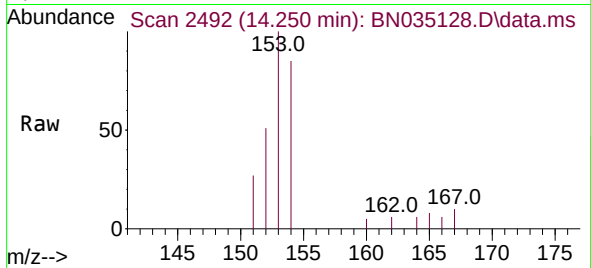
153 89.3 11.0 16.6#





#11
Acenaphthene
Concen: 0.198 ng/u1
RT: 14.250 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BN035128.D
Acq: 16 Nov 2024 05:02

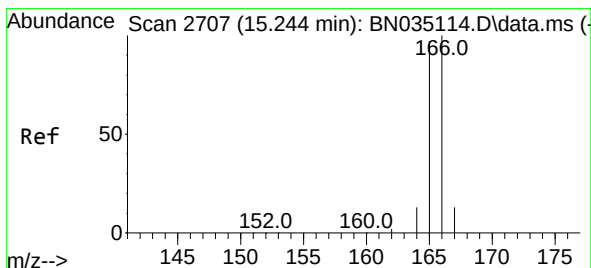
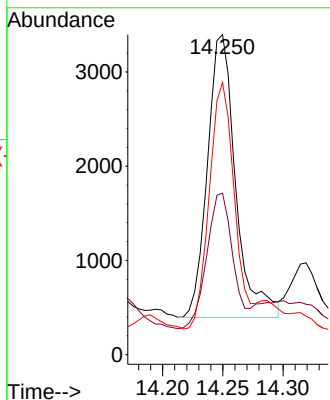
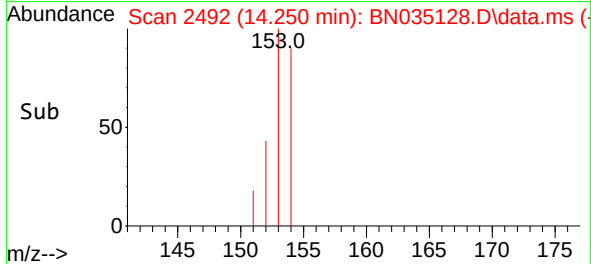
Instrument :
BNA_N
ClientSampleId :
A0AN8



Tgt Ion:153 Resp: 4892
Ion Ratio Lower Upper
153 100
152 50.5 41.5 62.3
154 85.1 70.9 106.3

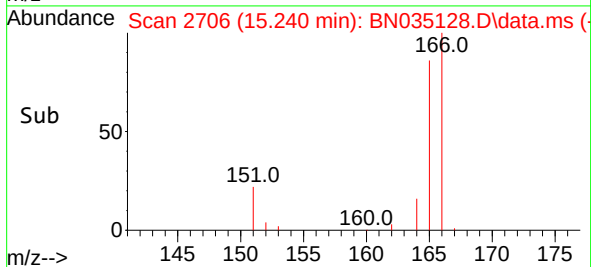
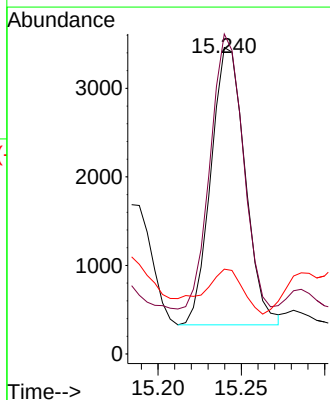
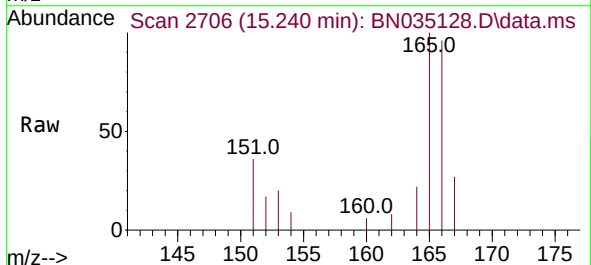
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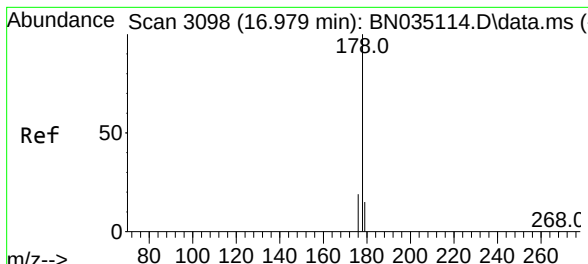
Reviewed By :Yogesh Patel 11/18/2024
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#12
Fluorene
Concen: 0.142 ng/u1
RT: 15.240 min Scan# 2706
Delta R.T. -0.009 min
Lab File: BN035128.D
Acq: 16 Nov 2024 05:02

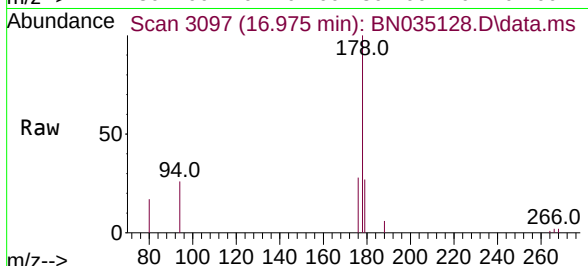
Tgt Ion:166 Resp: 4459
Ion Ratio Lower Upper
166 100
165 104.5 79.0 118.4
167 27.7 11.8 17.6#





#15
Phenanthrene
Concen: 0.127 ng/ul
RT: 16.975 min Scan# 3097
Delta R.T. -0.008 min
Lab File: BN035128.D
Acq: 16 Nov 2024 05:02

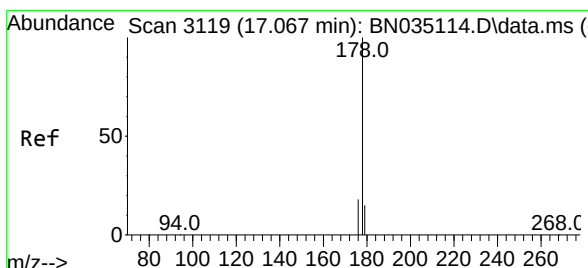
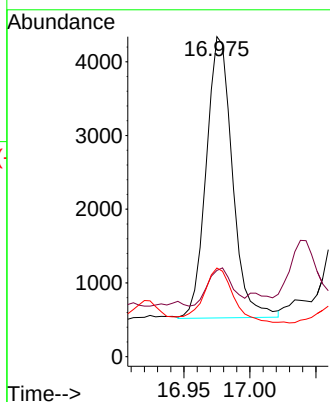
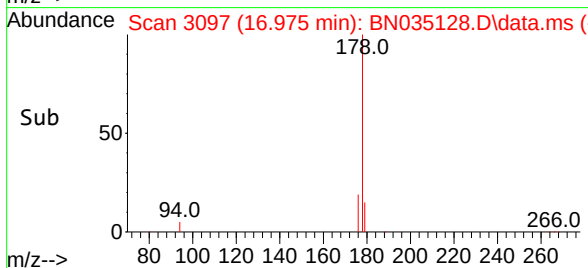
Instrument :
BNA_N
ClientSampleId :
A0AN8



Tgt Ion:178 Resp: 525
Ion Ratio Lower Upper
178 100
179 27.0 13.4 20.2
176 27.7 15.8 23.6

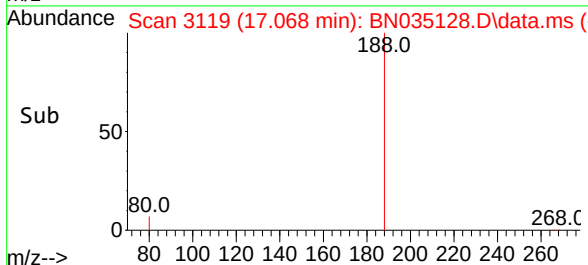
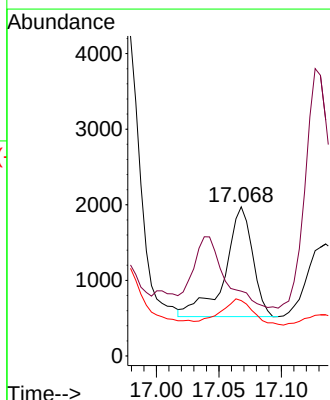
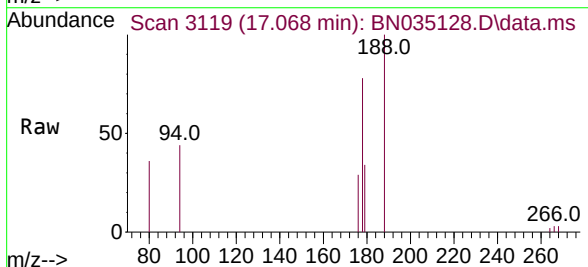
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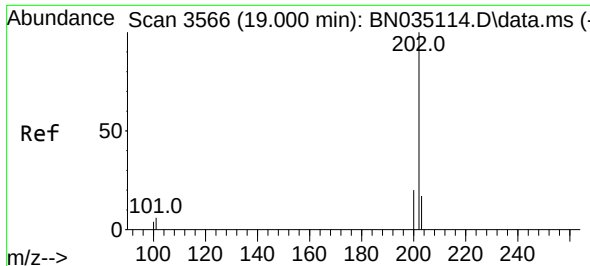
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#16
Anthracene
Concen: 0.058 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN035128.D
Acq: 16 Nov 2024 05:02

Tgt Ion:178 Resp: 2240
Ion Ratio Lower Upper
178 100
179 43.5 13.3 19.9#
176 37.2 15.8 23.8#





#19

Fluoranthene

Concen: 0.095 ng/u1

RT: 19.000 min Scan# 3566

Delta R.T. -0.005 min

Lab File: BN035128.D

Acq: 16 Nov 2024 05:02

Instrument :

BNA_N

ClientSampleId :

A0AN8

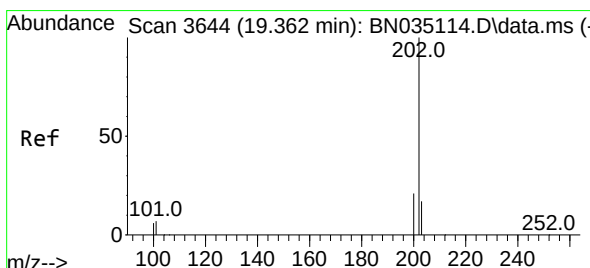
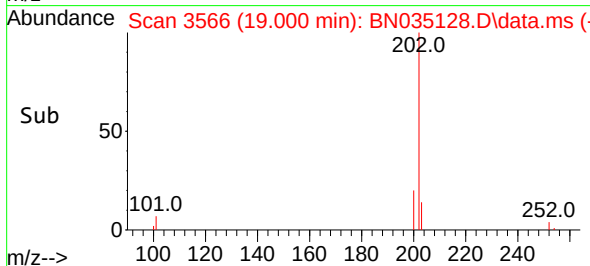
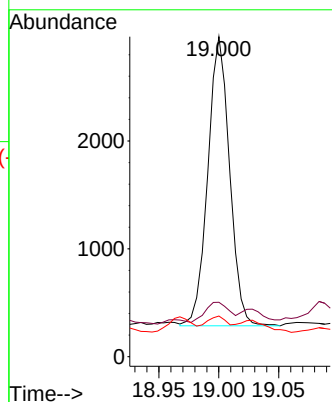
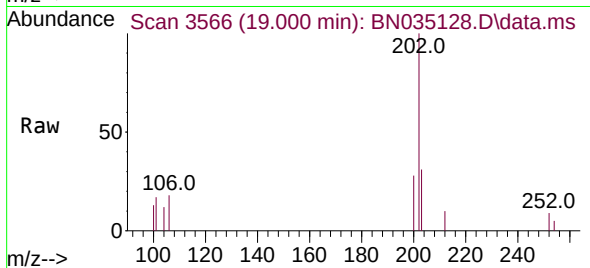
Tgt Ion:	202	Resp:	3392
Ion Ratio	Lower	Upper	
202	100		
101	17.0	4.2	6.2#
100	12.7	3.2	4.8#

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#20

Pyrene

Concen: 0.064 ng/u1

RT: 19.363 min Scan# 3644

Delta R.T. -0.005 min

Lab File: BN035128.D

Acq: 16 Nov 2024 05:02

Tgt Ion:	202	Resp:	2349
Ion Ratio	Lower	Upper	
202	100		
101	21.5	5.0	7.4#
100	17.5	4.1	6.1#

