

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016180.D
 Acq On : 03 Sep 2021 18:29
 Operator : CG/JU
 Sample : M3472-07
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B89

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:32:55 AM

Quant Time: Sep 04 03:58:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 17:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	2728	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	11405	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	7150	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	14371	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	13869	0.400	ng/ul	# 0.00
23) Perylene-d12	23.839	264	13654	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	10571	3.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	4565	0.284	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	14231	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	3533	0.116	ng/ul#	93
7) 2-Methylnaphthalene	12.327	142	3387	0.171	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	2830	0.143	ng/ul	99
10) Acenaphthylene	14.224	152	3166	0.117	ng/ul#	89
11) Acenaphthene	14.566	153	838	0.037	ng/ul#	89
12) Fluorene	15.552	166	833	0.032	ng/ul#	73
14) Pentachlorophenol	16.904	266	49	0.021	ng/ul	89
15) Phenanthrene	17.293	178	20686	0.499	ng/ul	99
16) Anthracene	17.386	178	3500	0.098	ng/ul#	93
19) Fluoranthene	19.313	202	60999	1.320	ng/ul	98
20) Pyrene	19.676	202	57635	1.232	ng/ul	95
21) Benzo(a)anthracene	21.425	228	40507	0.955	ng/ul#	92
22) Chrysene	21.477	228	50038	1.044	ng/ul#	94
24) Benzo(b)fluoranthene	23.111	252	64076m	1.247	ng/ul	
25) Benzo(k)fluoranthene	23.152	252	22453m	0.434	ng/ul	
26) Benzo(a)pyrene	23.734	252	41657	0.956	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.320	276	32968	0.585	ng/ul	90
28) Dibenzo(a,h)anthracene	26.330	278	10812	0.233	ng/ul#	25
29) Benzo(g,h,i)perylene	27.088	276	43715	0.894	ng/ul#	89

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

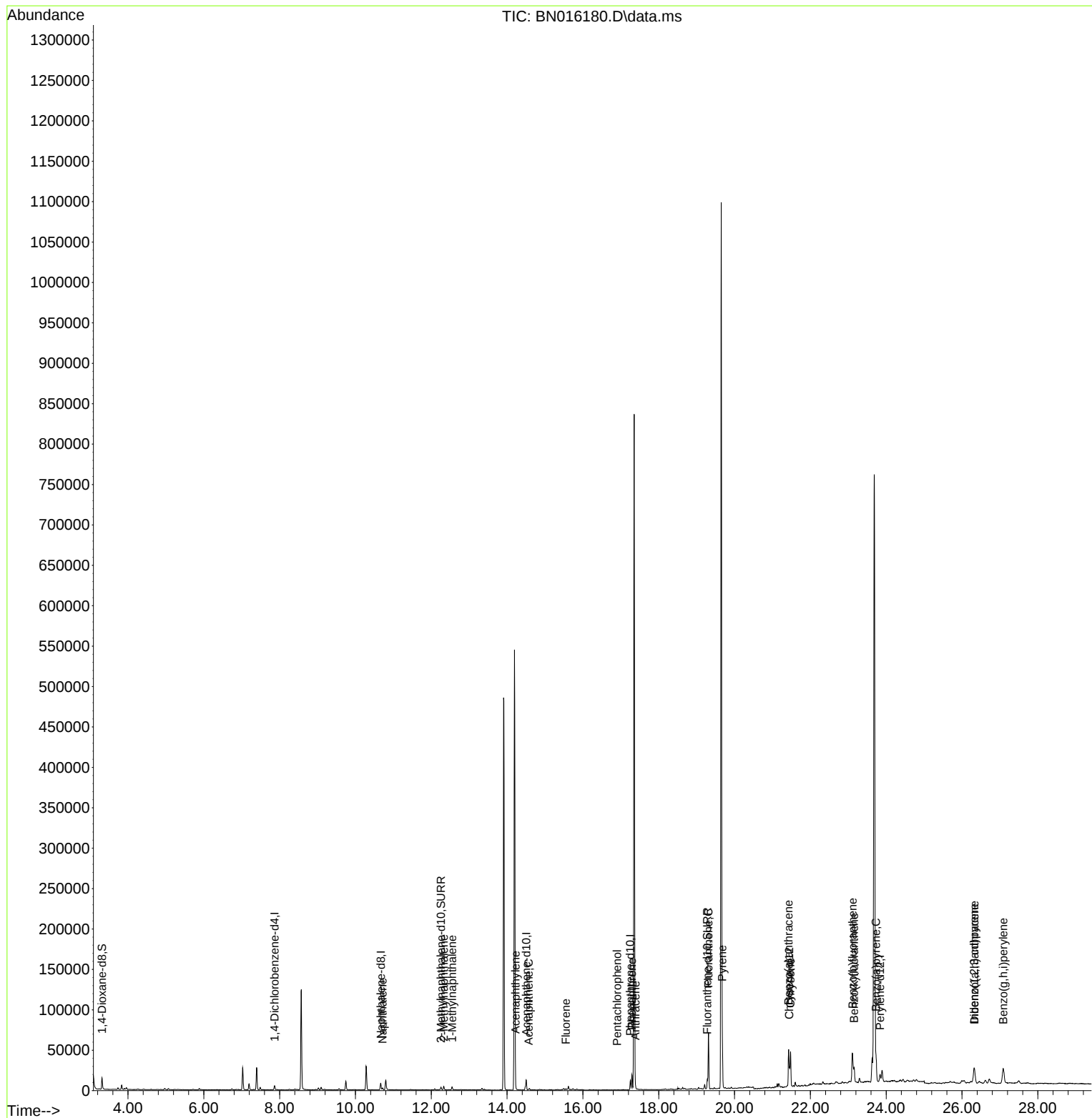
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016180.D
Acq On : 03 Sep 2021 18:29
Operator : CG/JU
Sample : M3472-07
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ALS Vial : 50 Sample Multiplier: 1

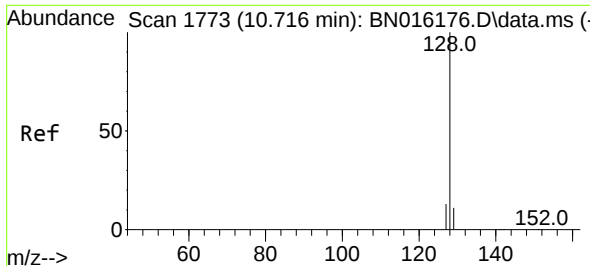
Instrument :
BNA_N
ClientSampled :
C0B89

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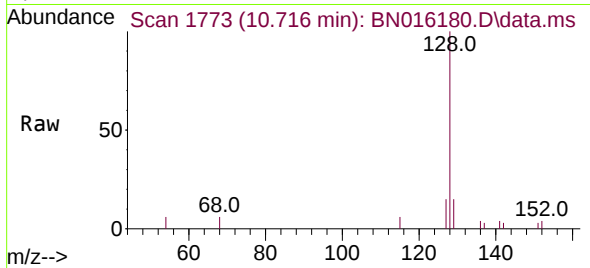
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Quant Time: Sep 04 03:58:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 17:05:08 2021
Response via : Initial Calibration

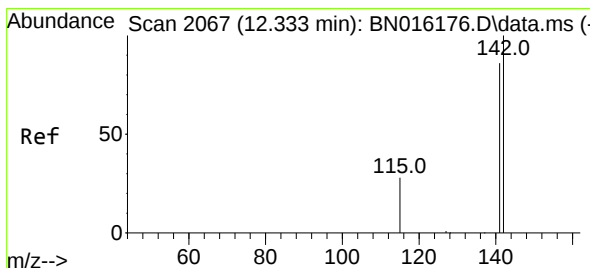
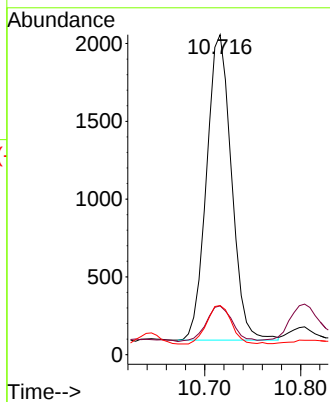
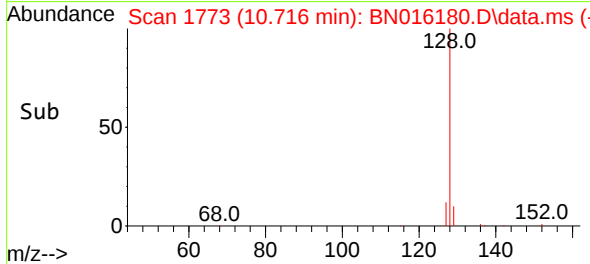




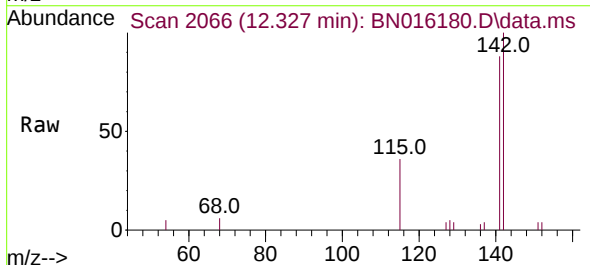
#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29



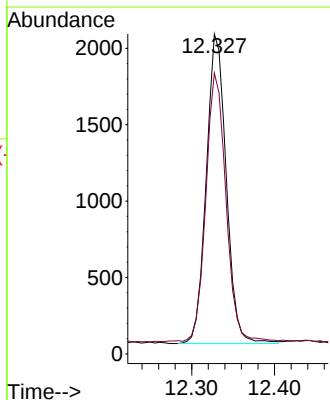
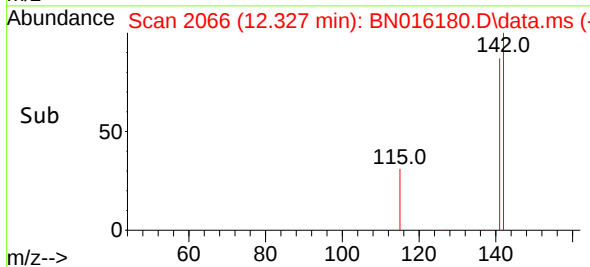
Tgt Ion:128 Resp: 3533
Ion Ratio Lower Upper
128 100
129 15.2 9.4 14.2#
127 15.4 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.171 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.005 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29



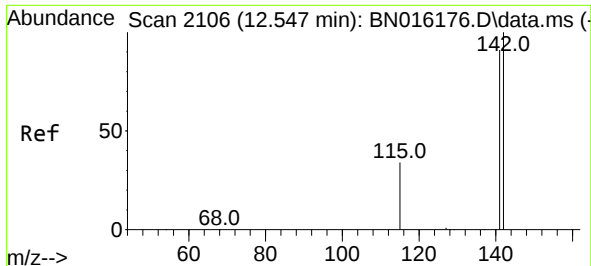
Tgt Ion:142 Resp: 3387
Ion Ratio Lower Upper
142 100
141 87.7 69.5 104.3



Instrument :
BNA_N
ClientSampleId :
C0B89

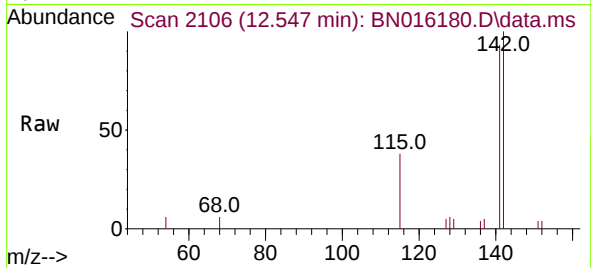
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#8
1-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29

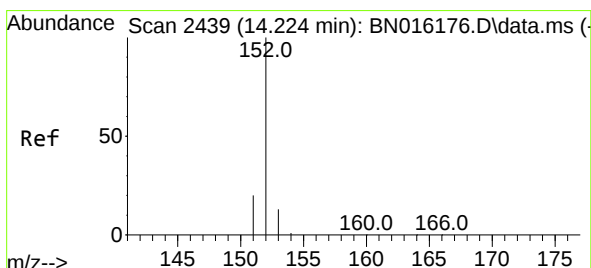
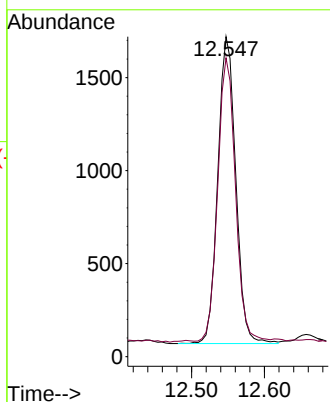
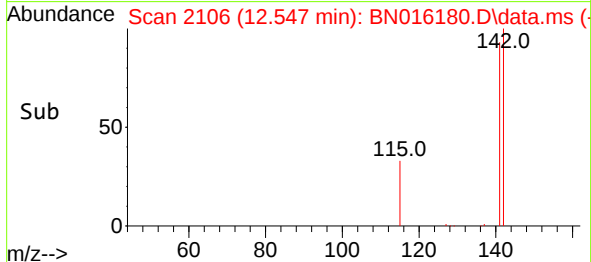
Instrument :
BNA_N
ClientSampled :
C0B89



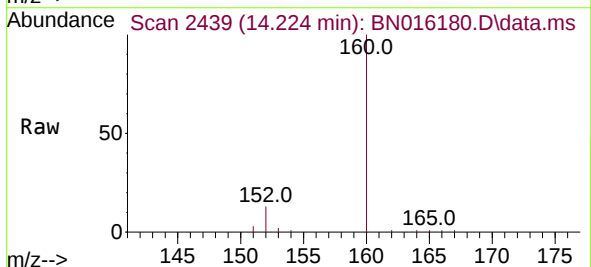
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Ion Ratio Lower Upper
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141 91.4 72.2 108.4

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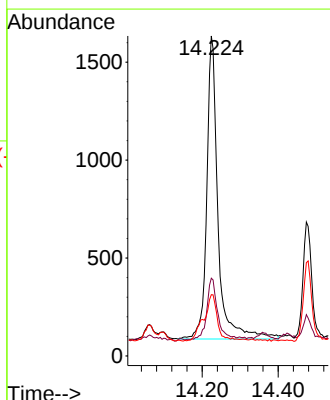
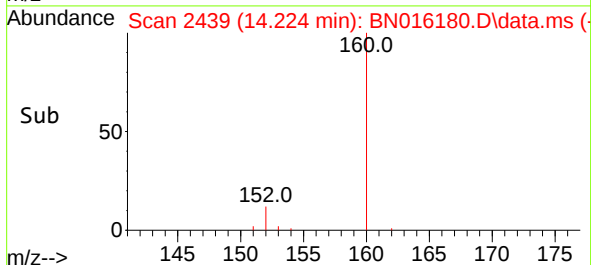
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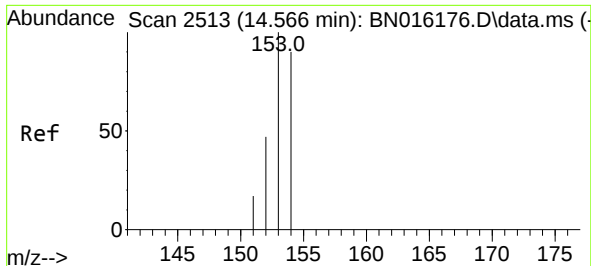


#10
Acenaphthylene
Concen: 0.117 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29



Tgt Ion:152 Resp: 3166
Ion Ratio Lower Upper
152 100
151 24.3 15.8 23.6#
153 19.2 11.2 16.8#





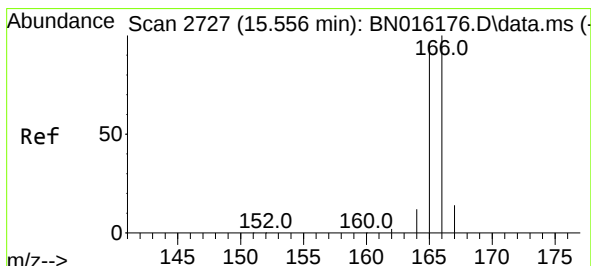
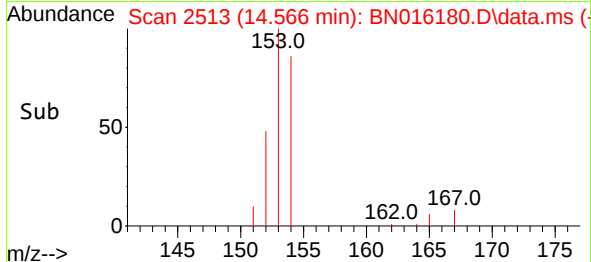
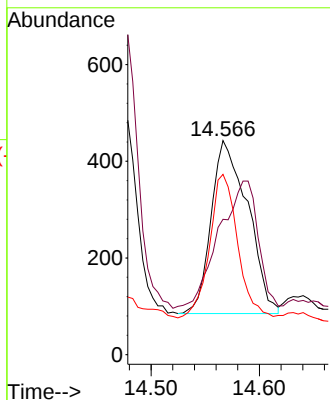
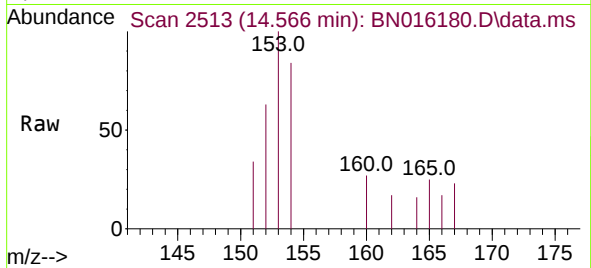
#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29

Tgt Ion:153 Resp: 838
Ion Ratio Lower Upper
153 100
152 63.2 38.5 57.7#
154 84.2 71.3 106.9

Instrument :
BNA_N
ClientSampled :
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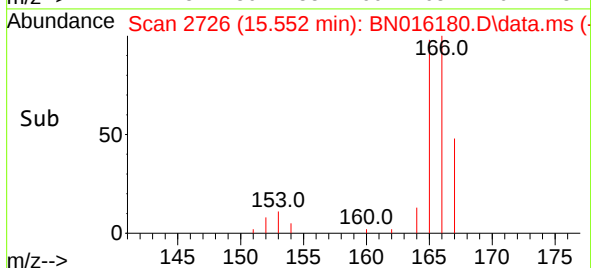
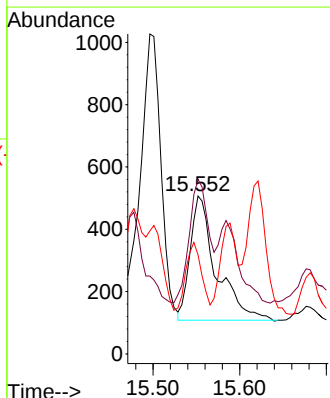
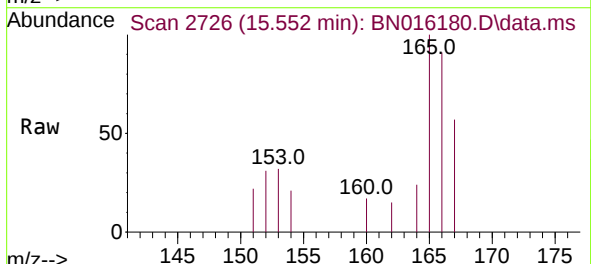
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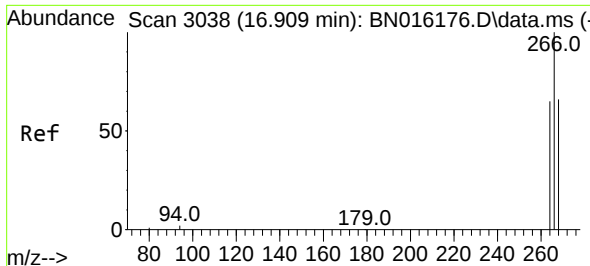
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#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.552 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29

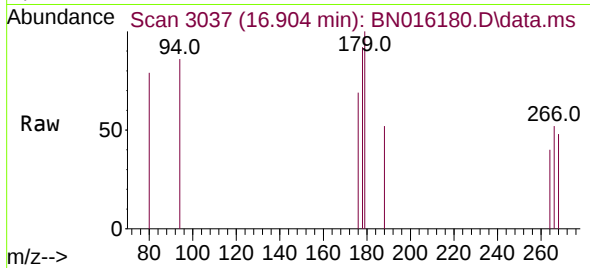
Tgt Ion:166 Resp: 833
Ion Ratio Lower Upper
166 100
165 110.5 77.9 116.9
167 62.7 11.8 17.8#





#14
 Pentachlorophenol
 Concen: 0.021 ng/ul
 RT: 16.904 min Scan# 3037
 Delta R.T. -0.004 min
 Lab File: BN016180.D
 Acq: 03 Sep 2021 18:29

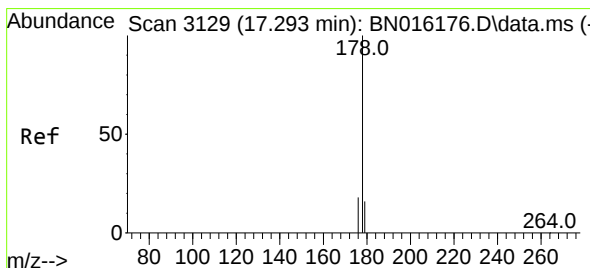
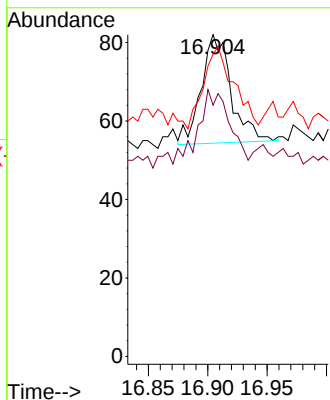
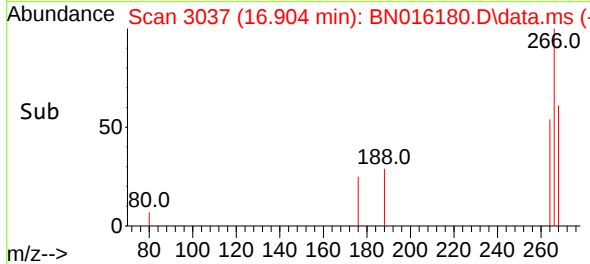
Instrument :
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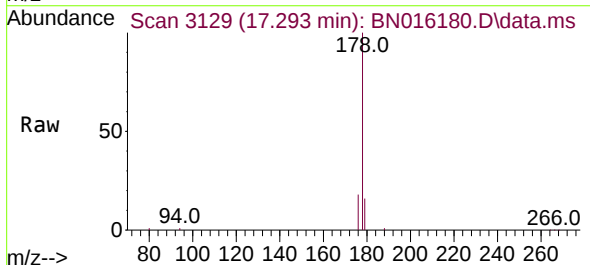
Tgt Ion:266 Resp: 49
 Ion Ratio Lower Upper
 266 100
 264 69.4 50.3 75.5
 268 75.5 51.4 77.2

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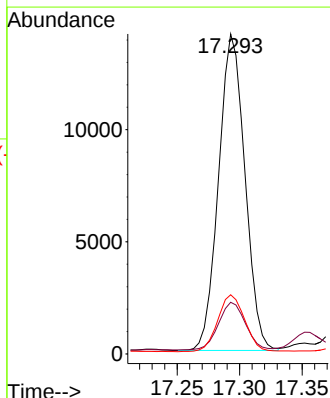
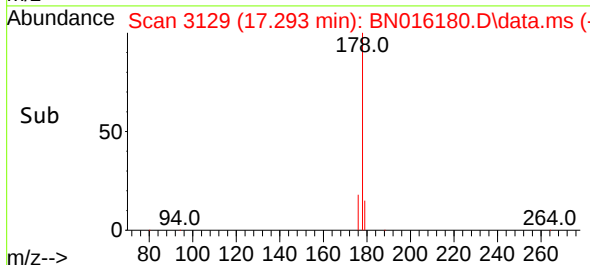
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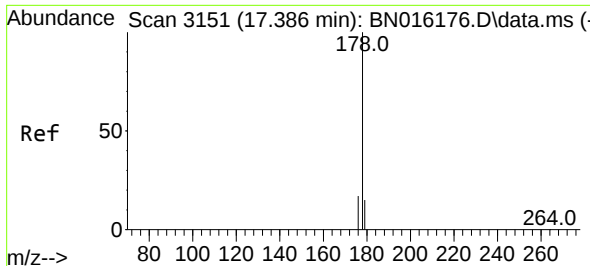


#15
 Phenanthrene
 Concen: 0.499 ng/ul
 RT: 17.293 min Scan# 3129
 Delta R.T. 0.000 min
 Lab File: BN016180.D
 Acq: 03 Sep 2021 18:29



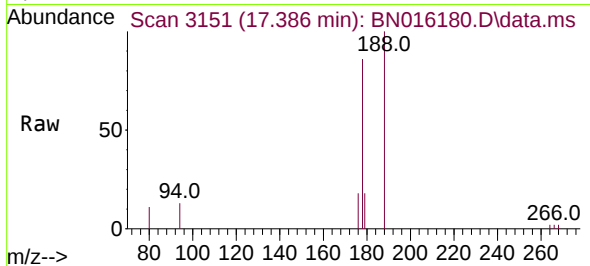
Tgt Ion:178 Resp: 20686
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.9 19.3
 176 18.5 15.2 22.8





#16
 Anthracene
 Concen: 0.098 ng/ul
 RT: 17.386 min Scan# 3151
 Delta R.T. 0.000 min
 Lab File: BN016180.D
 Acq: 03 Sep 2021 18:29

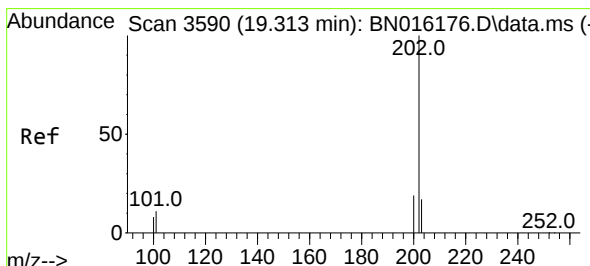
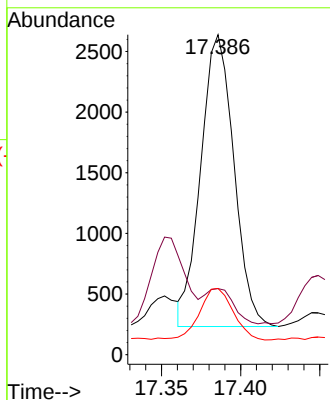
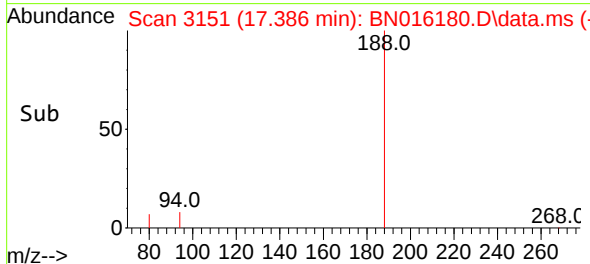
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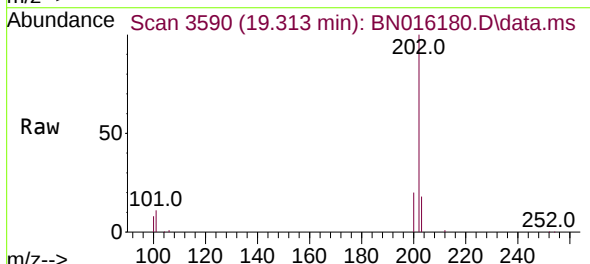
Tgt Ion:178 Resp: 3500
 Ion Ratio Lower Upper
 178 100
 179 20.7 13.3 19.9#
 176 20.7 14.9 22.3

Manual Integrations
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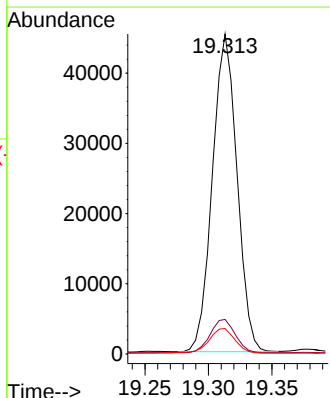
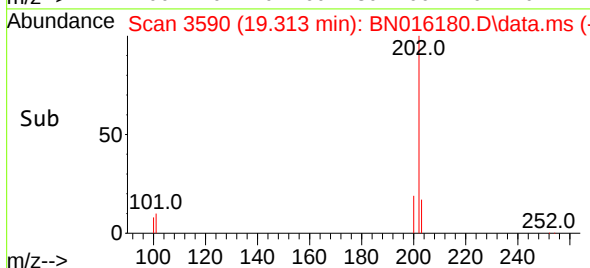
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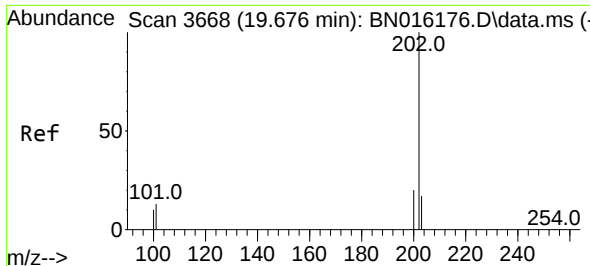


#19
 Fluoranthene
 Concen: 1.320 ng/ul
 RT: 19.313 min Scan# 3590
 Delta R.T. 0.000 min
 Lab File: BN016180.D
 Acq: 03 Sep 2021 18:29



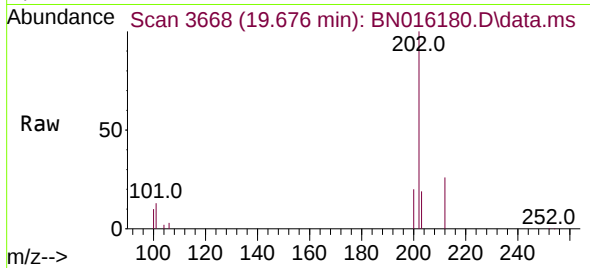
Tgt Ion:202 Resp: 60999
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.2 13.8
 100 7.9 6.7 10.1





#20
Pyrene
Concen: 1.232 ng/ul
RT: 19.676 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29

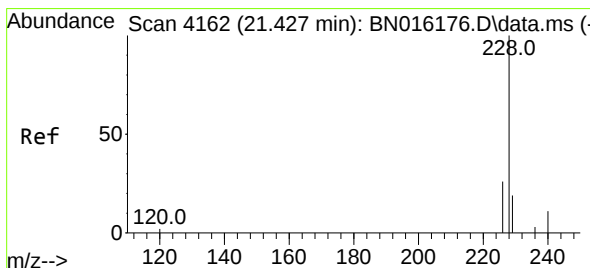
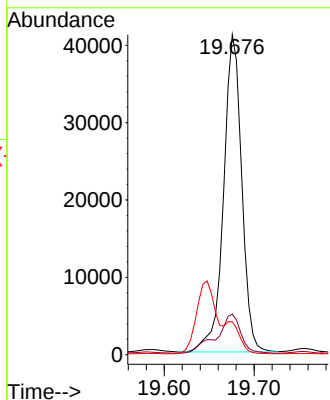
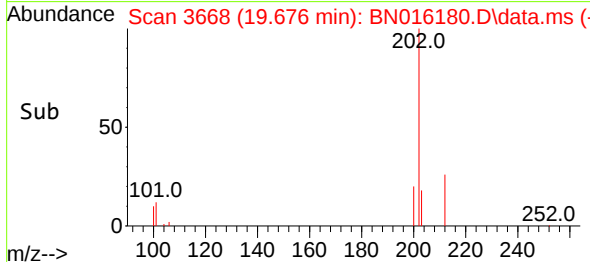
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BNA_N
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C0B89



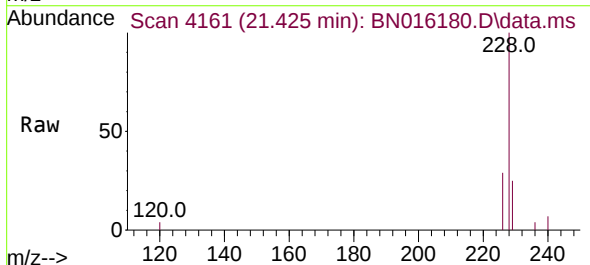
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Ion Ratio Lower Upper
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101 12.7 11.5 17.3
100 10.3 9.8 14.8

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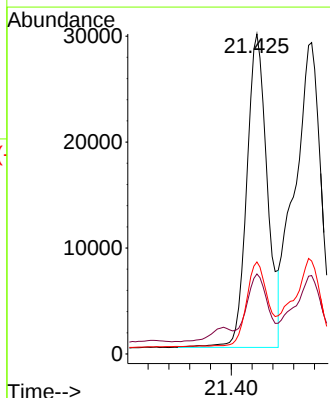
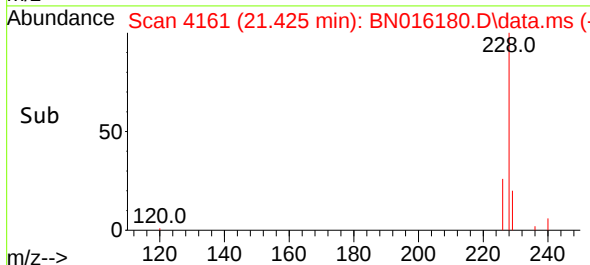
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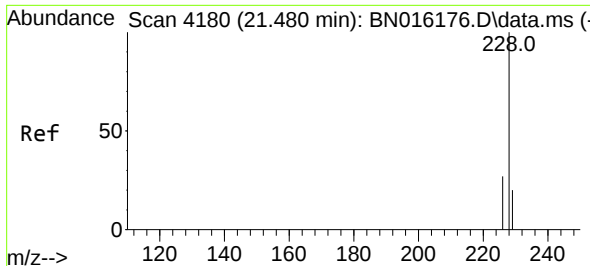


#21
Benzo(a)anthracene
Concen: 0.955 ng/ul
RT: 21.425 min Scan# 4161
Delta R.T. -0.003 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29

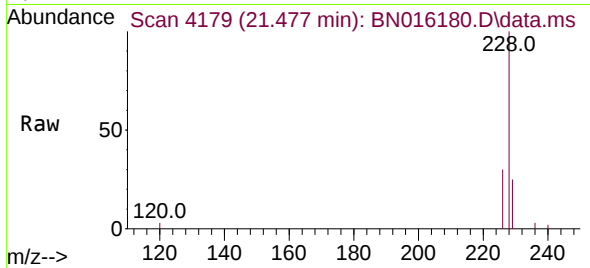


Tgt Ion:228 Resp: 40507
Ion Ratio Lower Upper
228 100
229 25.0 15.7 23.5#
226 28.7 20.8 31.2

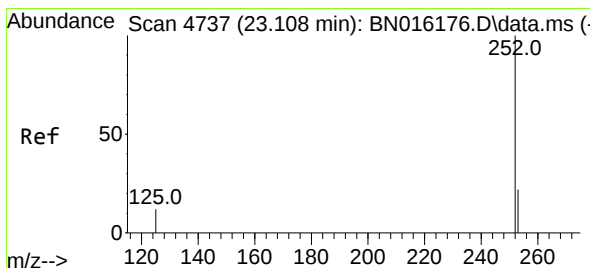
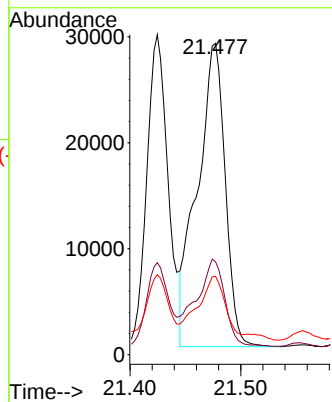
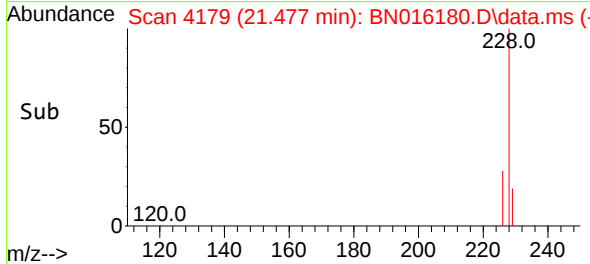




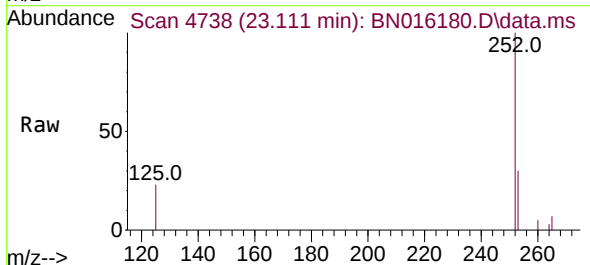
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Chrysene
Concen: 1.044 ng/ul
RT: 21.477 min Scan# 4179
Delta R.T. -0.003 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29



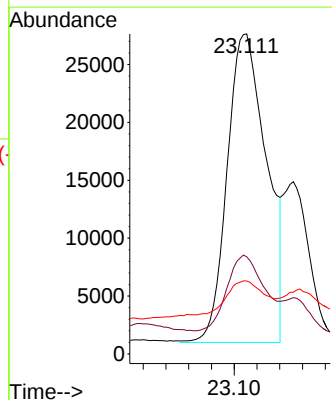
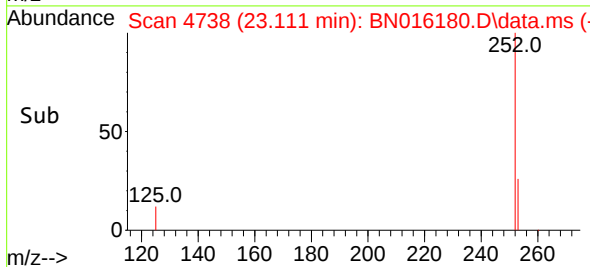
Tgt Ion:228 Resp: 50038
Ion Ratio Lower Upper
228 100
226 29.9 23.2 34.8
229 25.2 15.6 23.4#



#24
Benzo(b)fluoranthene
Concen: 1.247 ng/ul m
RT: 23.111 min Scan# 4738
Delta R.T. 0.003 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29



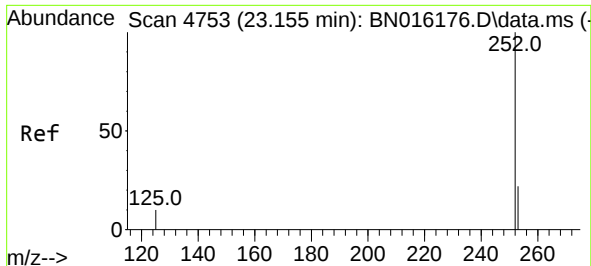
Tgt Ion:252 Resp: 64076
Ion Ratio Lower Upper
252 100
253 30.3 0.0 49.4
125 22.8 0.0 27.0



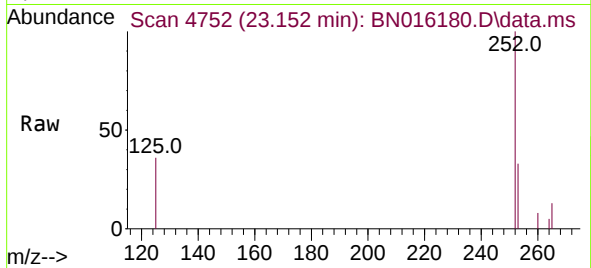
Instrument :
BNA_N
ClientSampled :
C0B89

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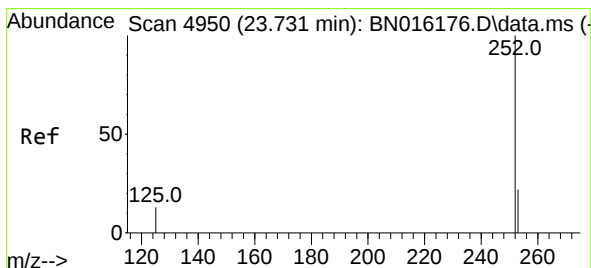
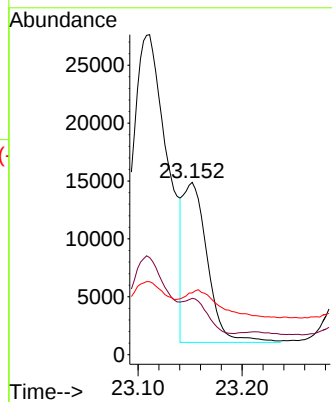
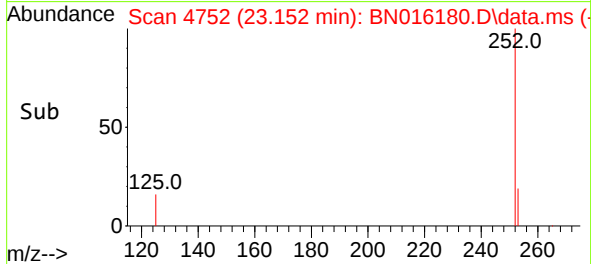
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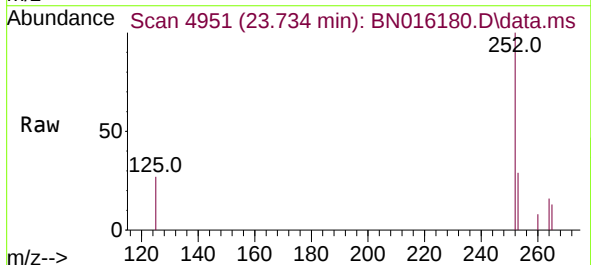
#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul m
RT: 23.152 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29



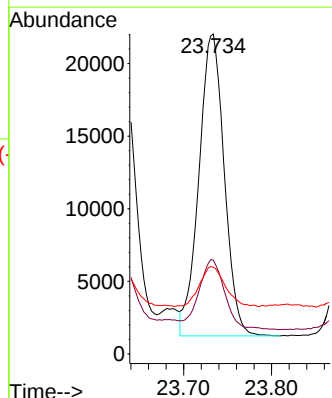
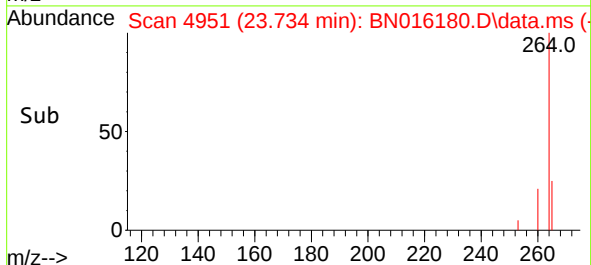
Tgt Ion:252 Resp: 22453
Ion Ratio Lower Upper
252 100
253 32.7 19.4 29.0#
125 35.9 10.9 16.3#



#26
Benzo(a)pyrene
Concen: 0.956 ng/ul
RT: 23.734 min Scan# 4951
Delta R.T. 0.003 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29



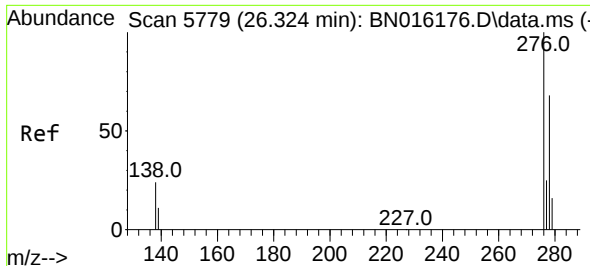
Tgt Ion:252 Resp: 41657
Ion Ratio Lower Upper
252 100
253 29.3 20.2 30.2
125 27.1 12.6 18.8#



Instrument :
BNA_N
ClientSampled :
C0B89

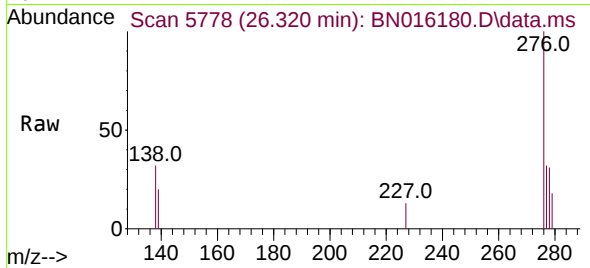
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.585 ng/ul
RT: 26.320 min Scan# 5778
Delta R.T. -0.003 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29

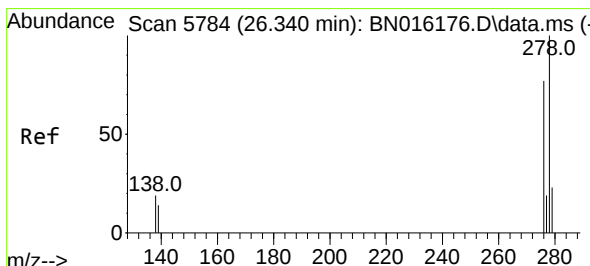
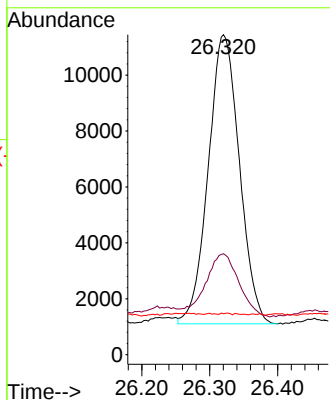
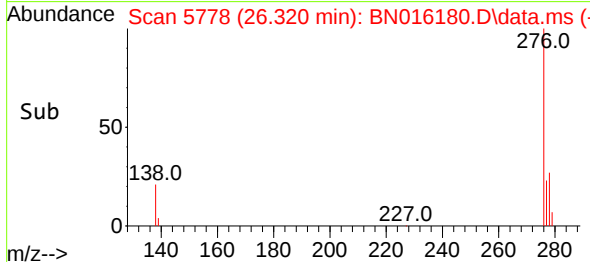
Instrument :
BNA_N
ClientSampled :
C0B89



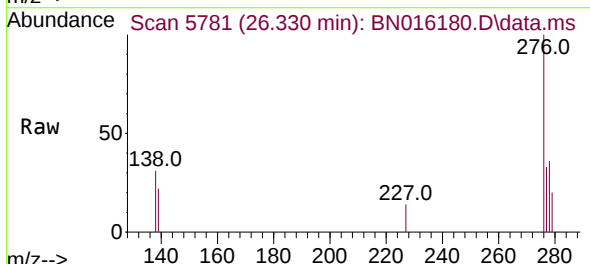
Tgt Ion:276 Resp: 32968
Ion Ratio Lower Upper
276 100
138 23.2 22.7 34.1
227 0.2 0.2 0.2

Manual Integrations
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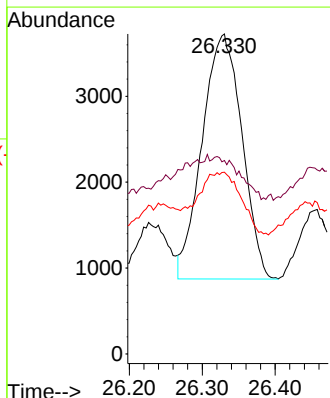
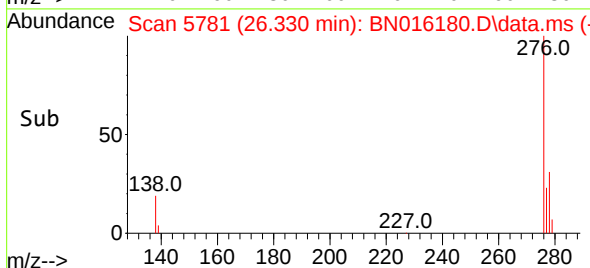
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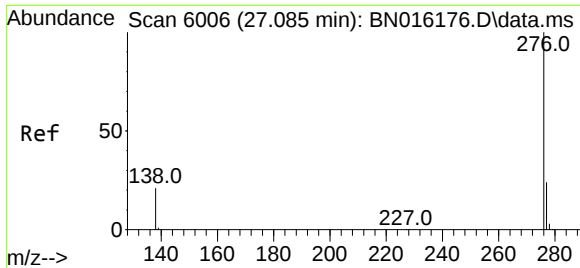


#28
Dibenzo(a,h)anthracene
Concen: 0.233 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29



Tgt Ion:278 Resp: 10812
Ion Ratio Lower Upper
278 100
139 60.4 15.1 22.7#
279 56.8 20.5 30.7#





#29
Benzo(g,h,i)perylene
Concen: 0.894 ng/ul
RT: 27.088 min Scan# 6007
Delta R.T. 0.003 min
Lab File: BN016180.D
Acq: 03 Sep 2021 18:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	19.3	28.9
277	30.8	19.8	29.8

Instrument :
BNA_N
ClientSampleId :
C0B89

Manual Integrations
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