

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016140.D
 Acq On : 02 Sep 2021 16:54
 Operator : CG/JU
 Sample : M3458-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB6DL

Manual Integrations
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Quant Time: Sep 02 17:22:52 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 : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	3738	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	15522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.507	164	9132	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.256	188	18324	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	17961	0.400	ng/ul	0.00
23) Perylene-d12	23.844	264	17904	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	1178	0.271	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	507	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.286	212	1250	0.026	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	2509	0.061	ng/ul#	90
7) 2-Methylnaphthalene	12.333	142	2266	0.084	ng/ul	100
8) 1-Methylnaphthalene	12.553	142	2015	0.075	ng/ul	97
10) Acenaphthylene	14.225	152	3483	0.101	ng/ul#	92
11) Acenaphthene	14.567	153	700	0.024	ng/ul	95
12) Fluorene	15.557	166	899	0.027	ng/ul#	90
15) Phenanthrene	17.294	178	24097	0.456	ng/ul	99
16) Anthracene	17.386	178	4457	0.098	ng/ul	96
19) Fluoranthene	19.314	202	48134	0.805	ng/ul	99
20) Pyrene	19.681	202	40011	0.660	ng/ul#	93
21) Benzo(a)anthracene	21.429	228	23604	0.430	ng/ul#	93
22) Chrysene	21.482	228	22711	0.366	ng/ul#	92
24) Benzo(b)fluoranthene	23.113	252	29751m	0.442	ng/ul	
25) Benzo(k)fluoranthene	23.157	252	11392m	0.168	ng/ul	
26) Benzo(a)pyrene	23.733	252	16959	0.297	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.323	276	12804	0.173	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.329	278	3516	0.058	ng/ul#	15
29) Benzo(g,h,i)perylene	27.081	276	2204	0.034	ng/ul#	13

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

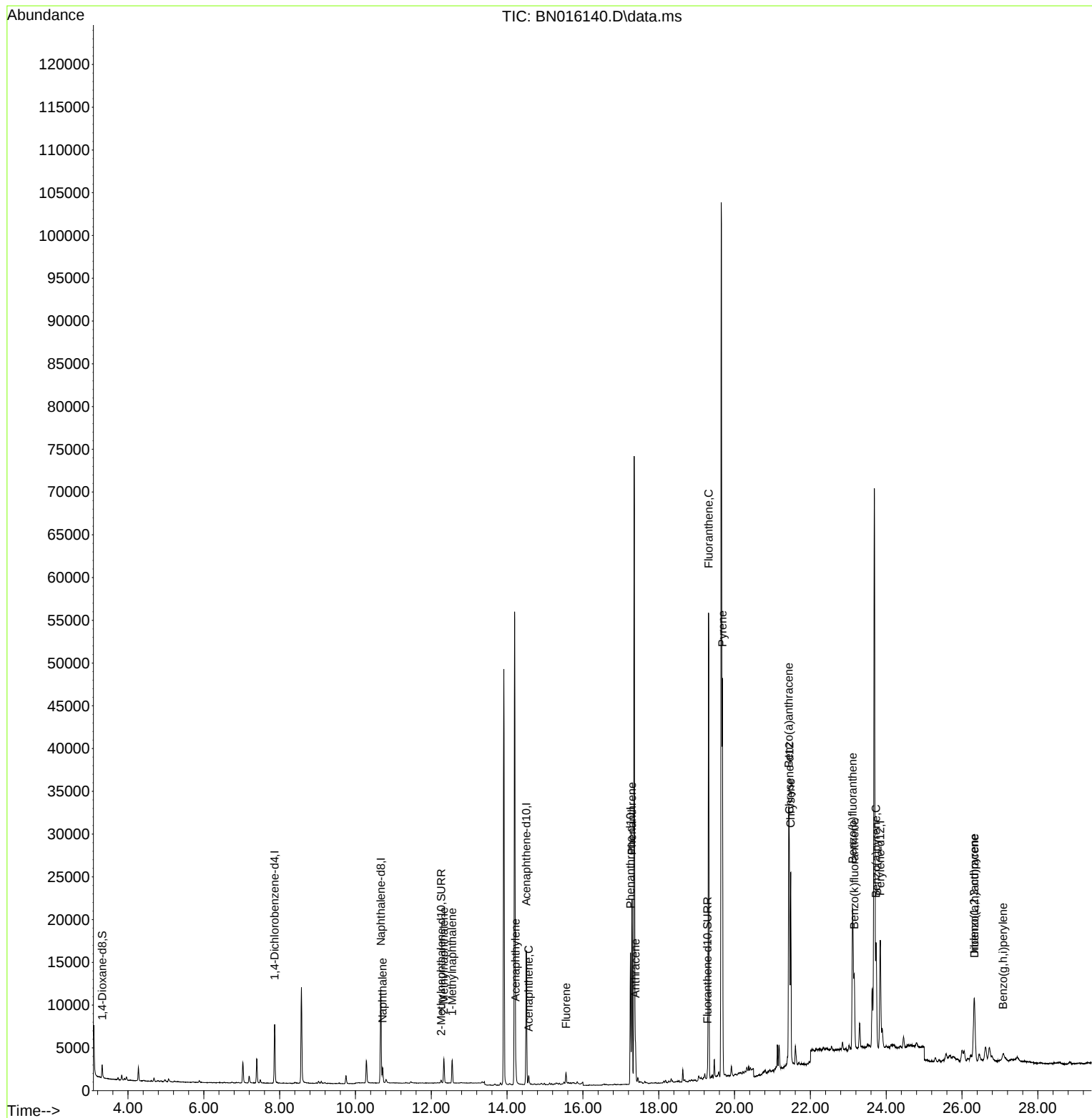
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016140.D
Acq On : 02 Sep 2021 16:54
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ALS Vial : 9 Sample Multiplier: 1

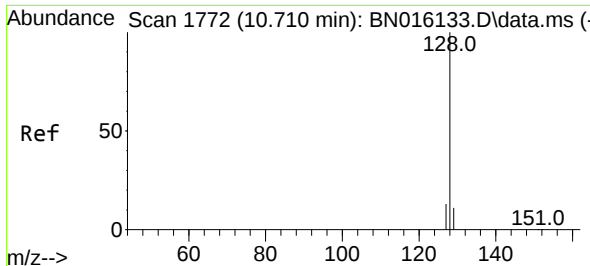
Instrument :
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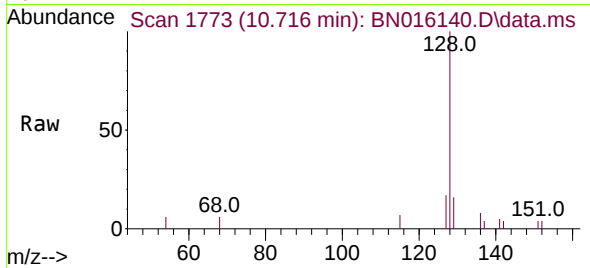
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Quant Time: Sep 02 17:22:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

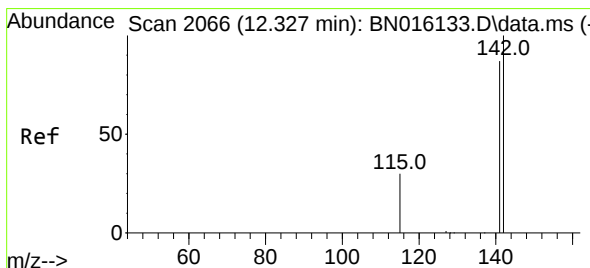
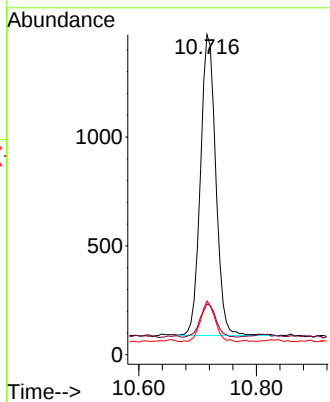
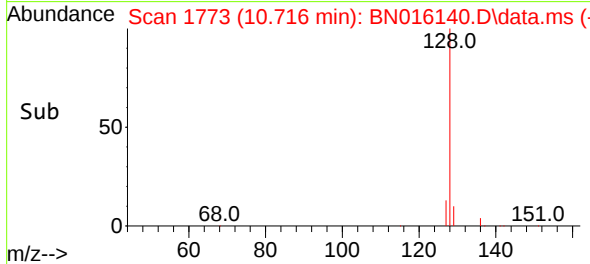




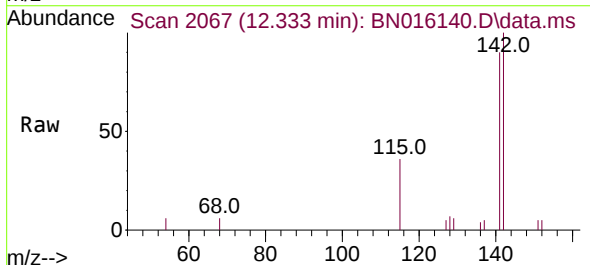
#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54



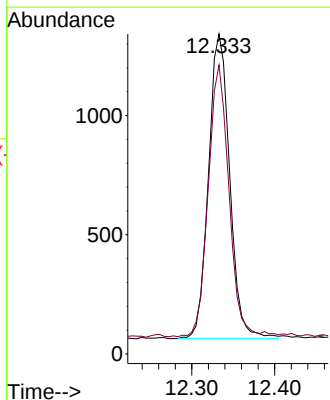
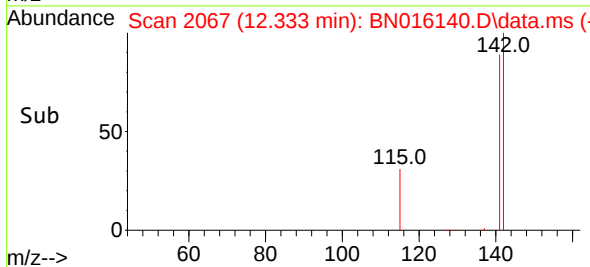
Tgt Ion:128 Resp: 2509
Ion Ratio Lower Upper
128 100
129 15.9 9.4 14.2#
127 16.7 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.005 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54



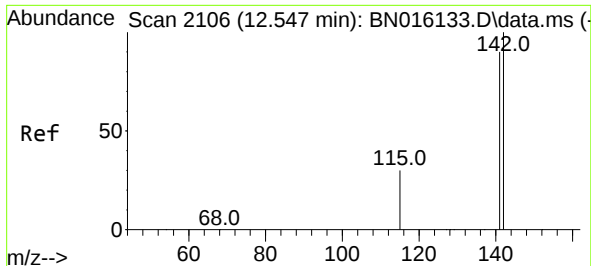
Tgt Ion:142 Resp: 2266
Ion Ratio Lower Upper
142 100
141 87.3 69.5 104.3



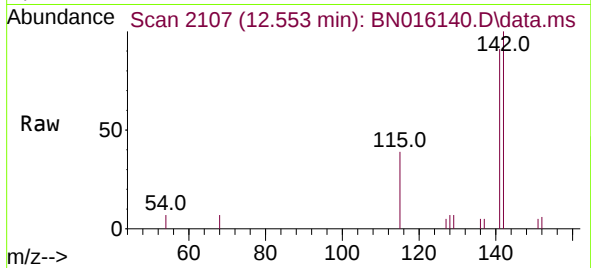
Instrument :
BNA_N
ClientSampleId :
C0AB6DL

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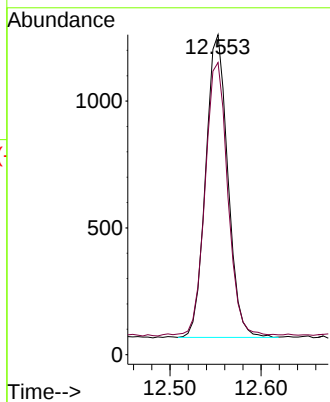
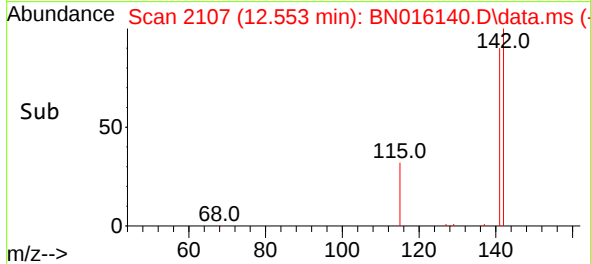
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#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54



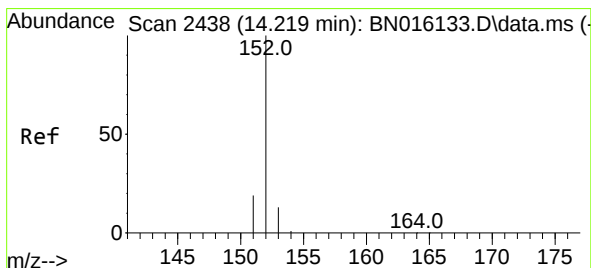
Tgt Ion:142 Resp: 2015
Ion Ratio Lower Upper
142 100
141 92.8 72.2 108.4



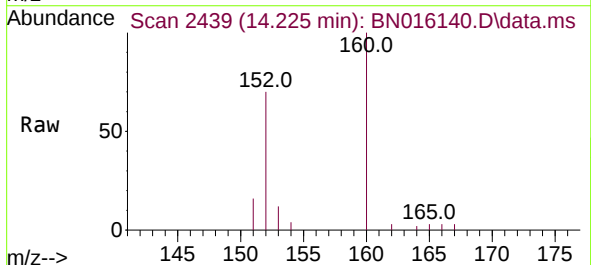
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BNA_N
ClientSampleId :
C0AB6DL

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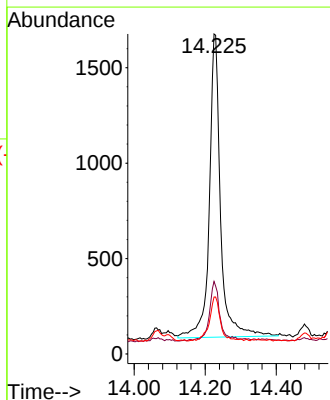
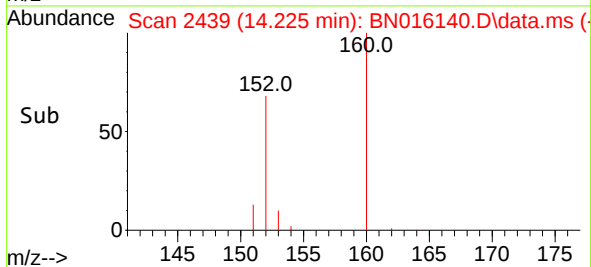
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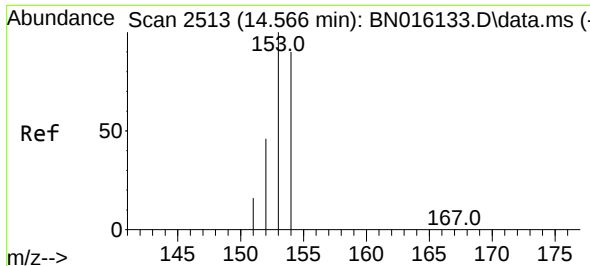


#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.225 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54



Tgt Ion:152 Resp: 3483
Ion Ratio Lower Upper
152 100
151 22.7 15.8 23.6
153 17.8 11.2 16.8#





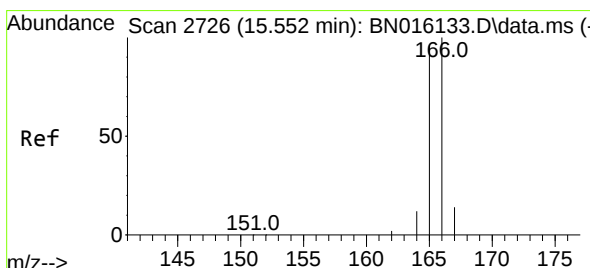
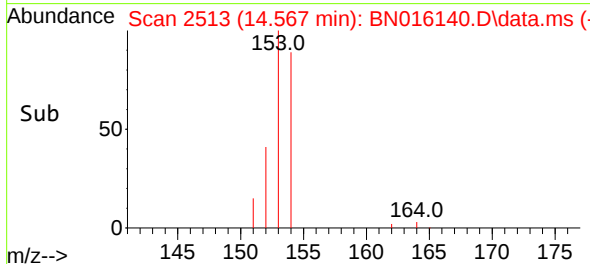
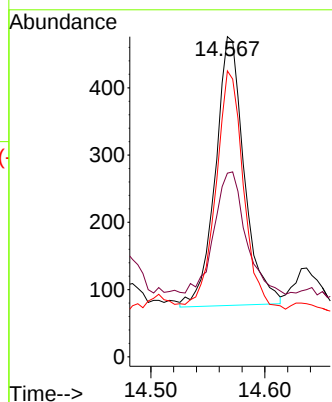
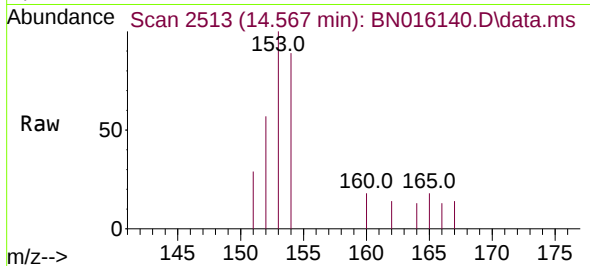
#11
Acenaphthene
Concen: 0.024 ng/u1
RT: 14.567 min Scan# 2513
Delta R.T. 0.001 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54

Tgt Ion:153 Resp: 700
Ion Ratio Lower Upper
153 100
152 57.4 38.5 57.7
154 89.3 71.3 106.9

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

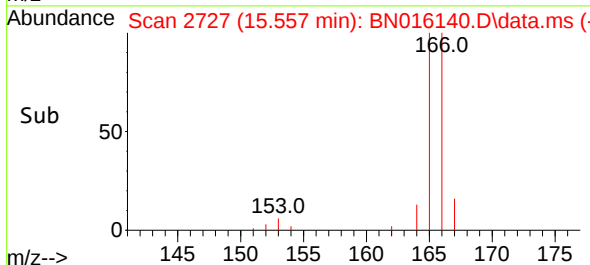
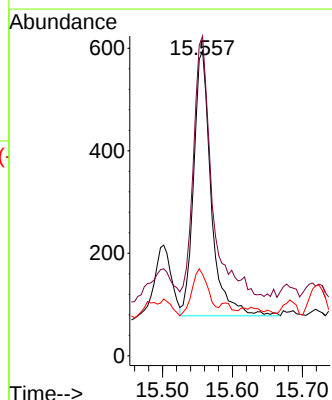
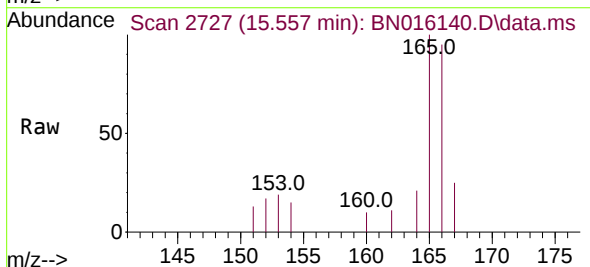
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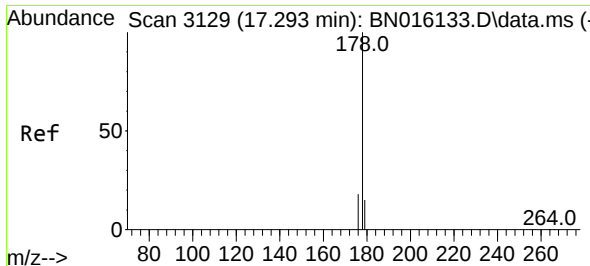
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#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.557 min Scan# 2727
Delta R.T. 0.005 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54

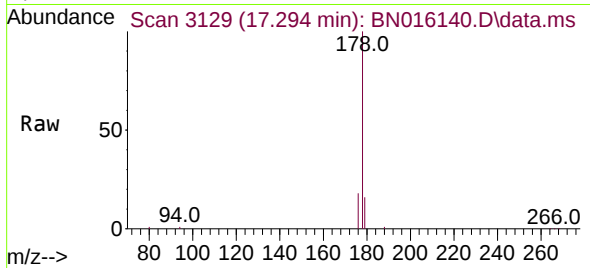
Tgt Ion:166 Resp: 899
Ion Ratio Lower Upper
166 100
165 104.9 77.9 116.9
167 26.7 11.8 17.8#





#15
Phenanthrene
Concen: 0.456 ng/ul
RT: 17.294 min Scan# 3129
Delta R.T. 0.001 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54

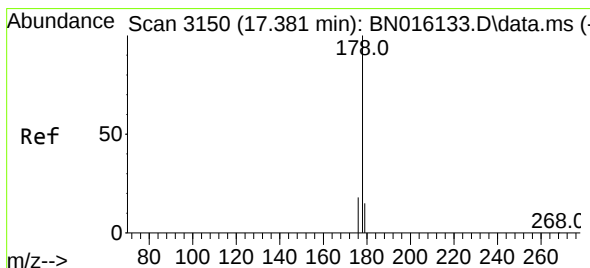
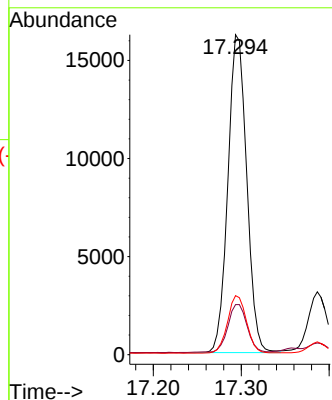
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ClientSampleId :
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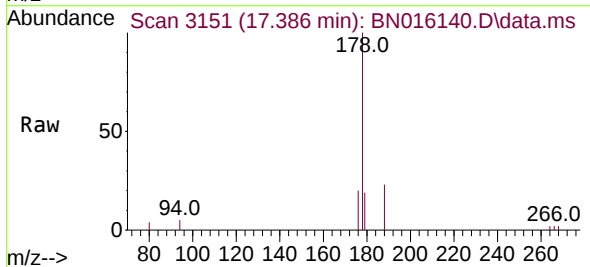
Tgt Ion:178 Resp: 24097
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 18.5 15.2 22.8

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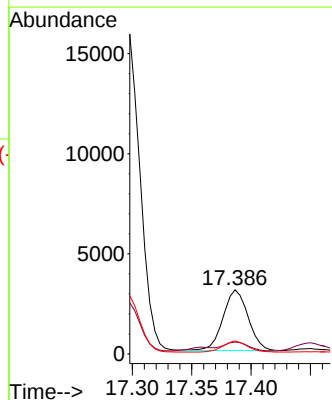
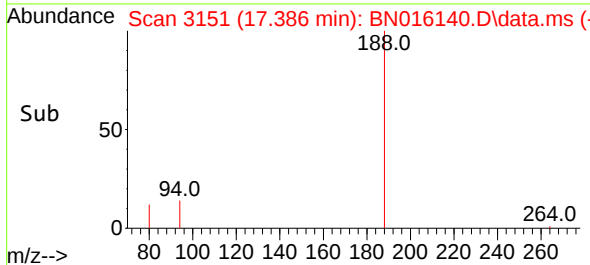
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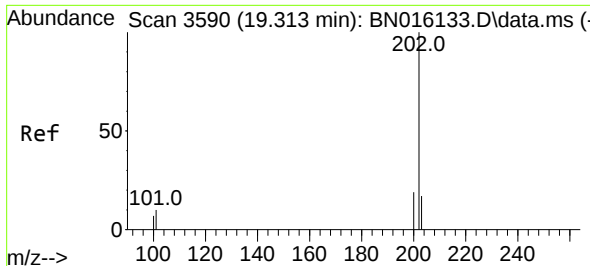


#16
Anthracene
Concen: 0.098 ng/ul
RT: 17.386 min Scan# 3151
Delta R.T. 0.005 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54



Tgt Ion:178 Resp: 4457
Ion Ratio Lower Upper
178 100
179 18.5 13.3 19.9
176 20.3 14.9 22.3





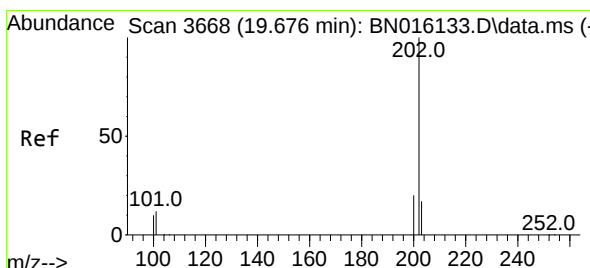
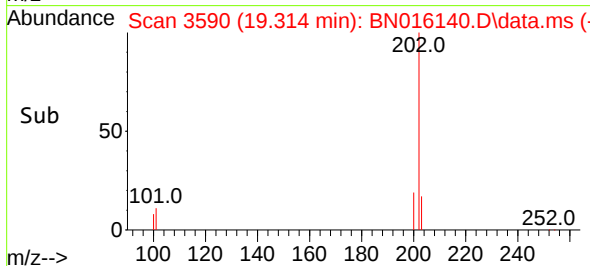
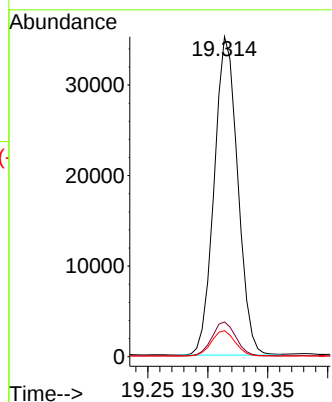
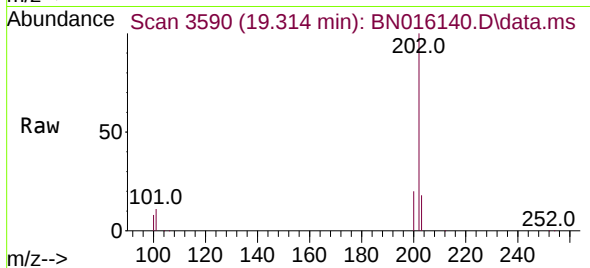
#19
Fluoranthene
Concen: 0.805 ng/u1
RT: 19.314 min Scan# 3590
Delta R.T. 0.001 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.2	13.8
100	8.2	6.7	10.1

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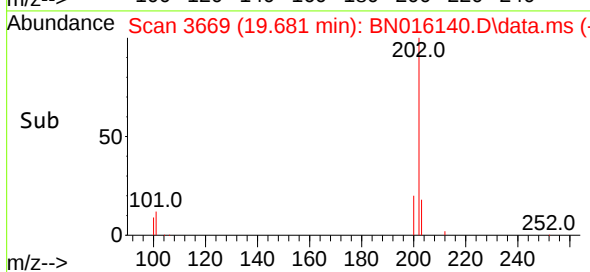
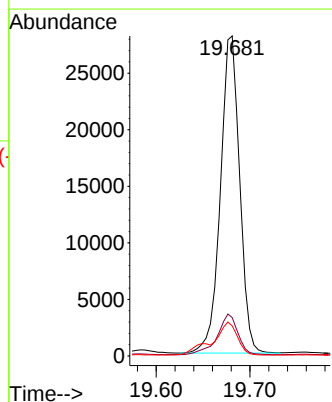
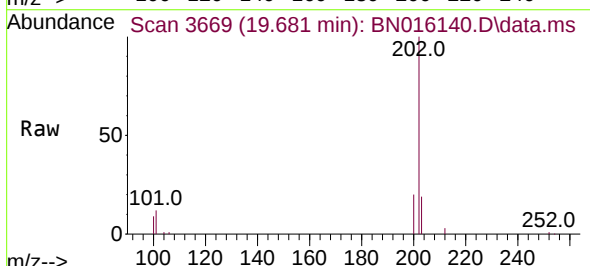
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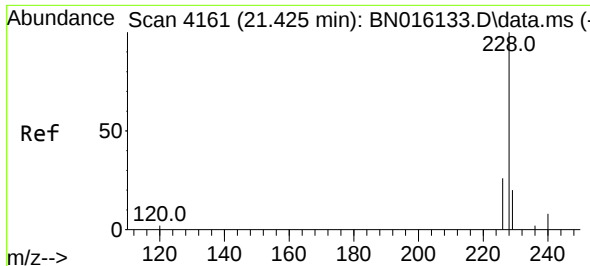
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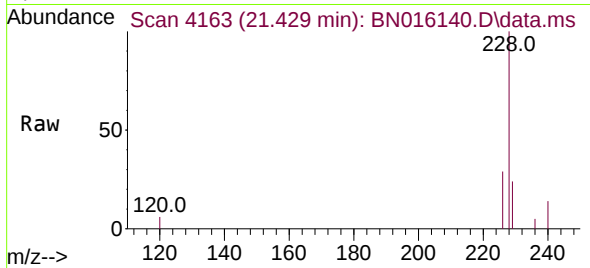
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Pyrene
Concen: 0.660 ng/u1
RT: 19.681 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.5	17.3
100	9.4	9.8	14.8

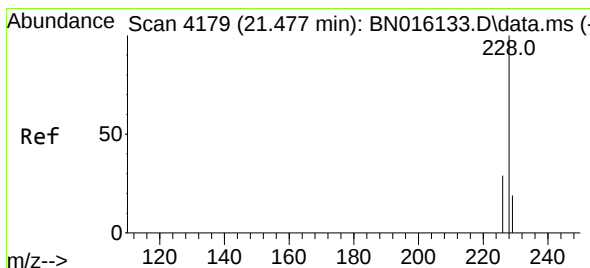
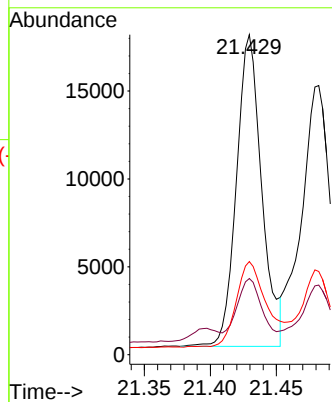
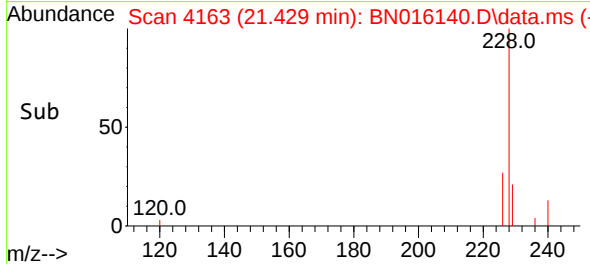




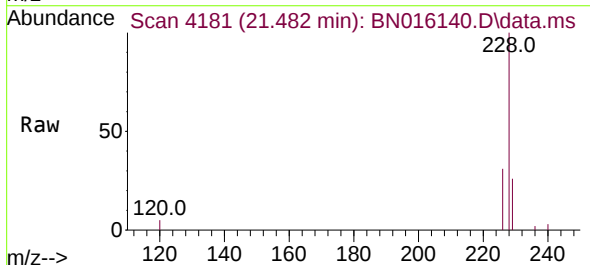
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Benzo(a)anthracene
Concen: 0.430 ng/u1
RT: 21.429 min Scan# 4163
Delta R.T. 0.005 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54



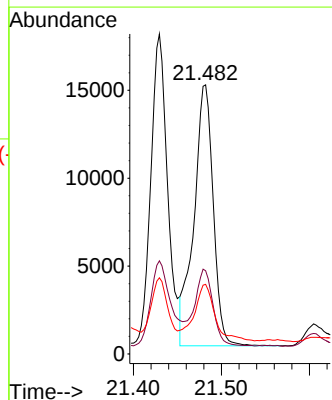
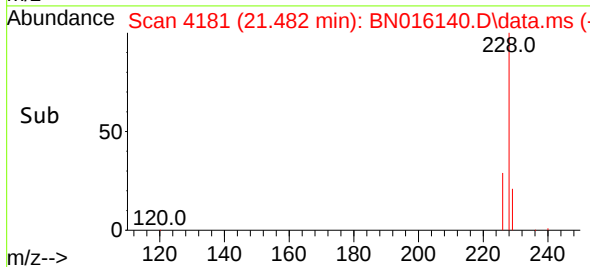
Tgt Ion:228 Resp: 23604
Ion Ratio Lower Upper
228 100
229 23.8 15.7 23.5#
226 29.1 20.8 31.2



#22
Chrysene
Concen: 0.366 ng/u1
RT: 21.482 min Scan# 4181
Delta R.T. 0.005 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54



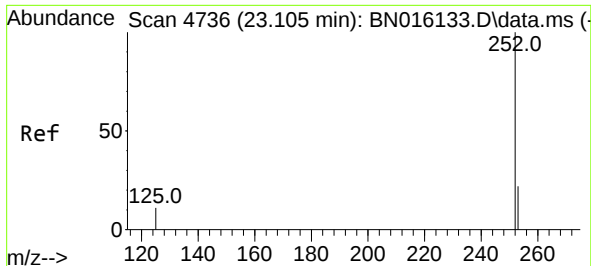
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Ion Ratio Lower Upper
228 100
226 30.9 23.2 34.8
229 25.9 15.6 23.4#



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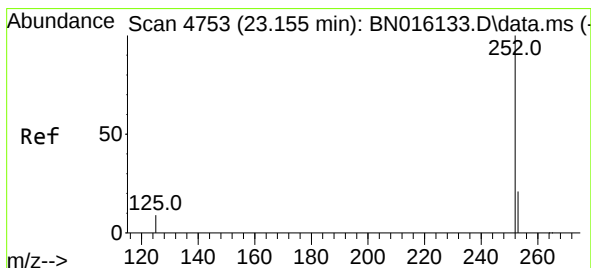
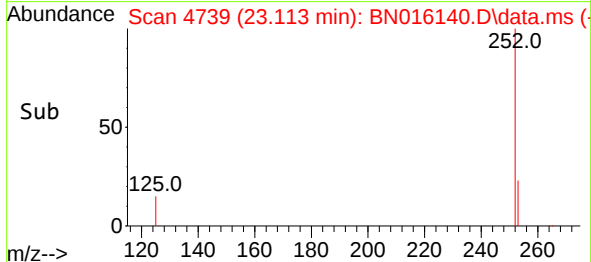
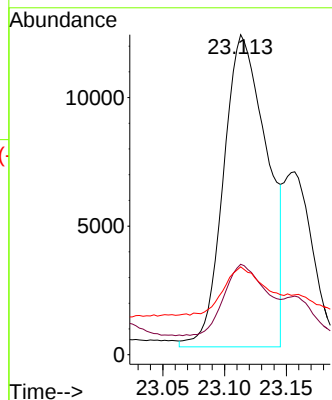
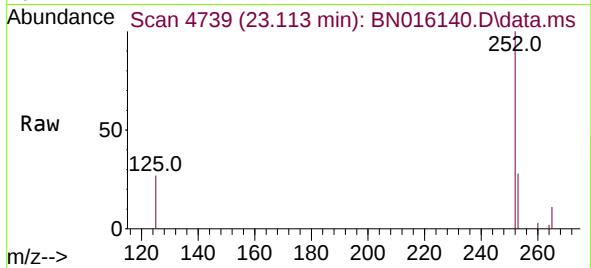
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Benzo(b)fluoranthene
Concen: 0.442 ng/ul m
RT: 23.113 min Scan# 4739
Delta R.T. 0.008 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	49.4
125	27.5	0.0	27.0#

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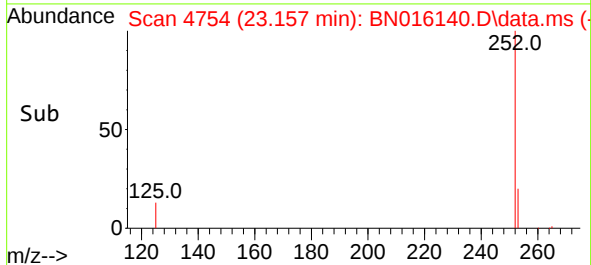
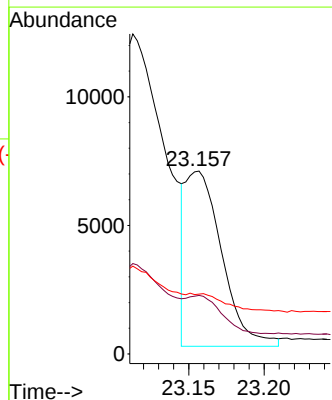
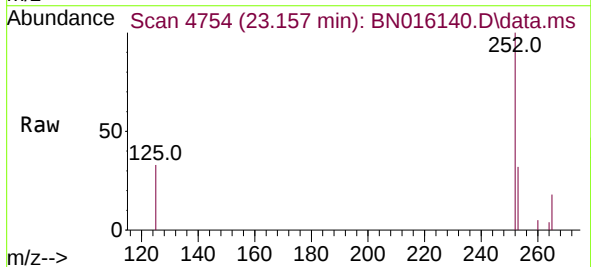
Manual Integrations
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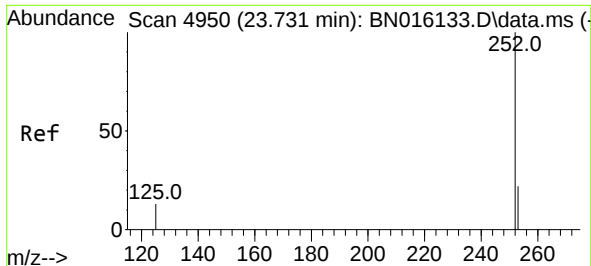
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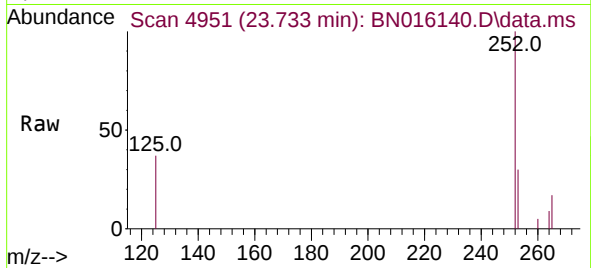
#25
Benzo(k)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.157 min Scan# 4754
Delta R.T. 0.002 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	19.4	29.0#
125	32.7	10.9	16.3#

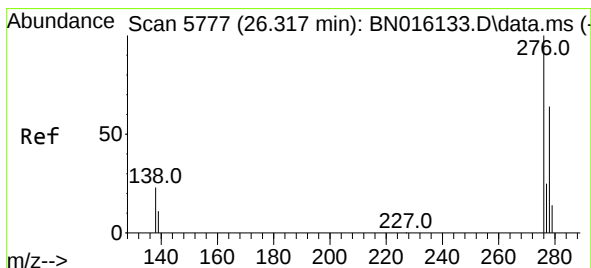
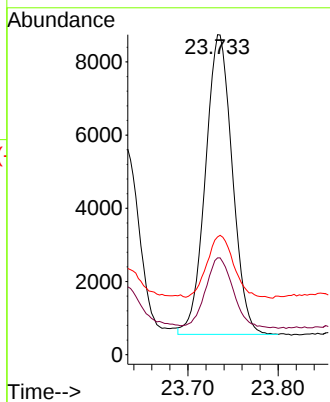
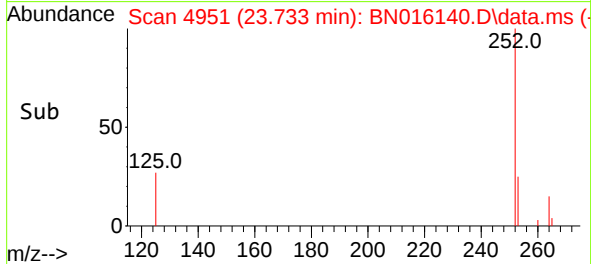




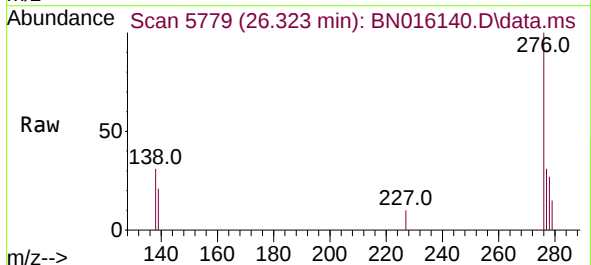
#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.733 min Scan# 4951
Delta R.T. 0.002 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54



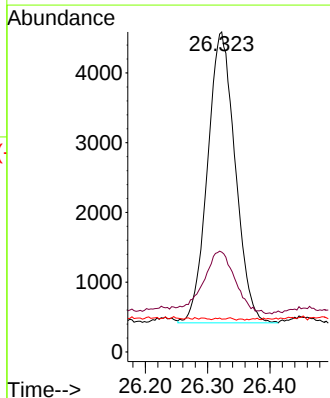
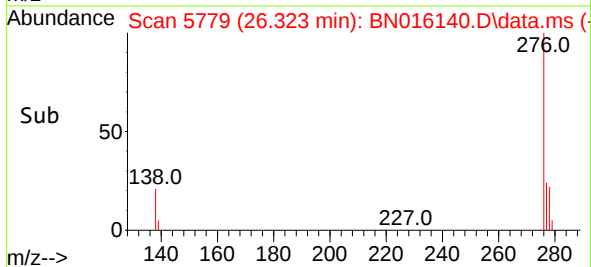
Tgt Ion: 252 Resp: 16959
Ion Ratio Lower Upper
252 100
253 30.3 20.2 30.2#
125 36.8 12.6 18.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. 0.006 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54



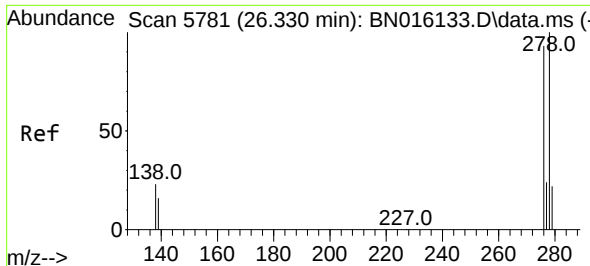
Tgt Ion: 276 Resp: 12804
Ion Ratio Lower Upper
276 100
138 24.1 22.7 34.1
227 0.1 0.2 0.2#



Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Manual Integrations
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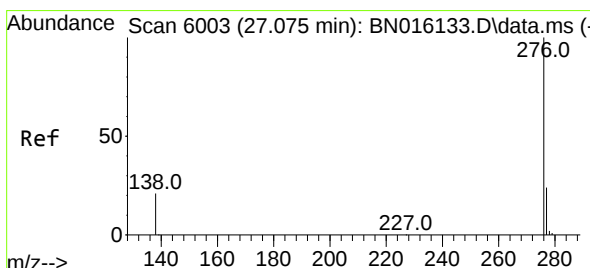
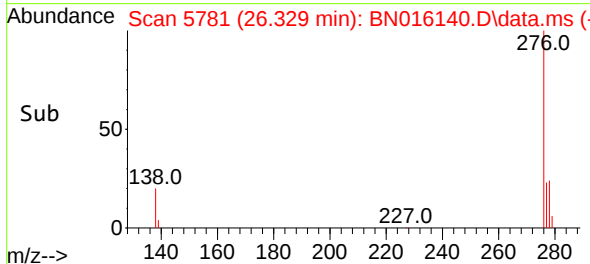
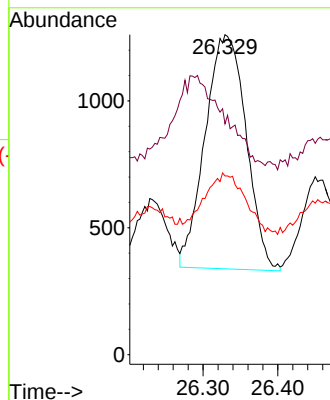
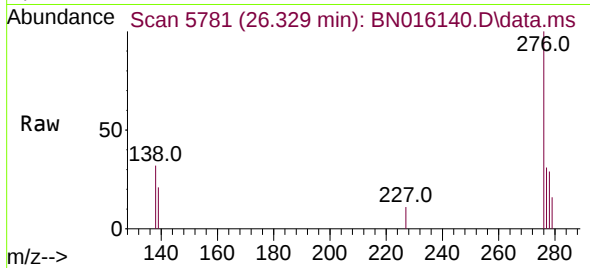
#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.001 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54

Tgt Ion: 278 Resp: 3516
Ion Ratio Lower Upper
278 100
139 72.2 15.1 22.7#
279 55.8 20.5 30.7#

Instrument :
BNA_N
ClientSampleID :
C0AB6DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.034 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. 0.006 min
Lab File: BN016140.D
Acq: 02 Sep 2021 16:54

Tgt Ion: 276 Resp: 2204
Ion Ratio Lower Upper
276 100
138 75.8 19.3 28.9#
277 59.7 19.8 29.8#

