

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016145.D
 Acq On : 02 Sep 2021 19:57
 Operator : CG/JU
 Sample : M3458-02DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB6DL

Manual Integrations
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Quant Time: Sep 02 20:35:54 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	7.871	152	2783	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	11523	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.507	164	6875	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.255	188	13962	0.400	ng/ul	0.00
17) Chrysene-d12	21.444	240	13380	0.400	ng/ul	# 0.00
23) Perylene-d12	23.841	264	13072	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2847	0.879	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	1183	0.073	ng/ul	0.00
18) Fluoranthene-d10	19.286	212	3047	0.085	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.721	128	5906	0.193	ng/ul	97
7) 2-Methylnaphthalene	12.332	142	5530	0.276	ng/ul	100
8) 1-Methylnaphthalene	12.552	142	4885	0.245	ng/ul	99
10) Acenaphthylene	14.229	152	6600	0.254	ng/ul	96
11) Acenaphthene	14.571	153	1415	0.065	ng/ul	95
12) Fluorene	15.557	166	2153	0.086	ng/ul#	96
15) Phenanthrene	17.297	178	59072	1.468	ng/ul	98
16) Anthracene	17.390	178	11191	0.322	ng/ul	99
19) Fluoranthene	19.318	202	117233	2.631	ng/ul	97
20) Pyrene	19.681	202	94934	2.103	ng/ul#	94
21) Benzo(a)anthracene	21.426	228	55494	1.356	ng/ul	97
22) Chrysene	21.482	228	56622m	1.225	ng/ul	
24) Benzo(b)fluoranthene	23.113	252	67935m	1.381	ng/ul	
25) Benzo(k)fluoranthene	23.153	252	25040m	0.506	ng/ul	
26) Benzo(a)pyrene	23.732	252	39762	0.953	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.326	276	30560	0.567	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.336	278	8345	0.188	ng/ul#	55
29) Benzo(g,h,i)perylene	27.090	276	4728	0.101	ng/ul#	48

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

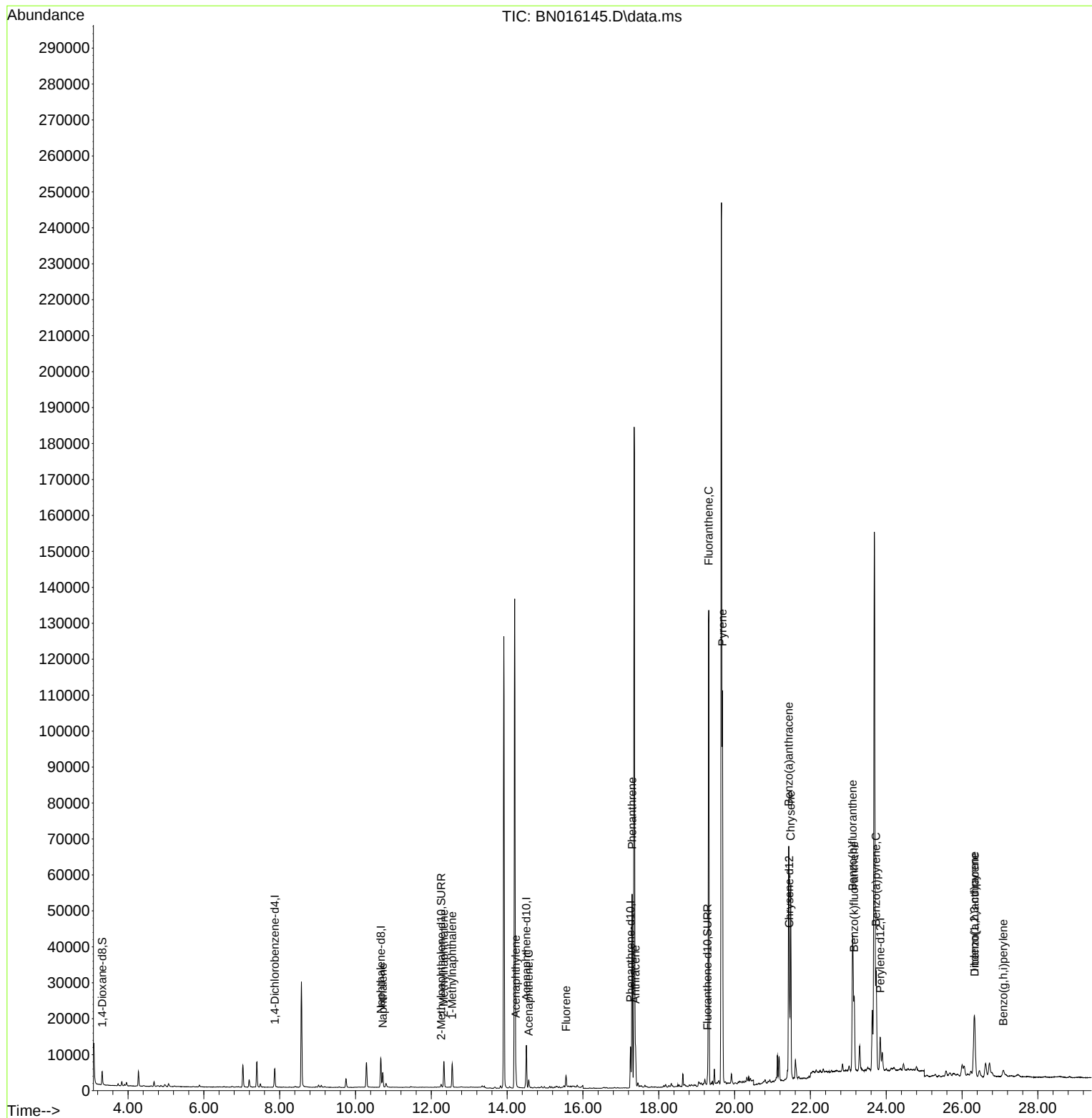
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016145.D
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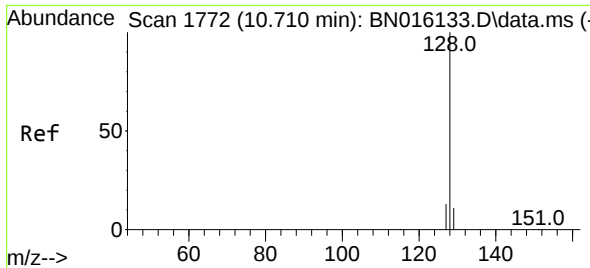
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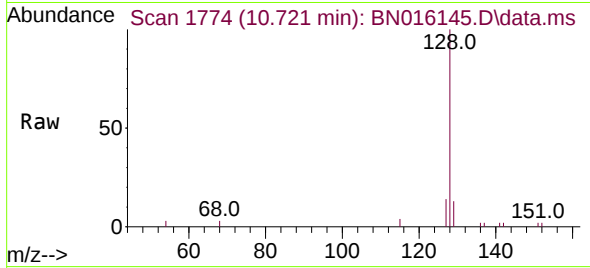
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Quant Time: Sep 02 20:35:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

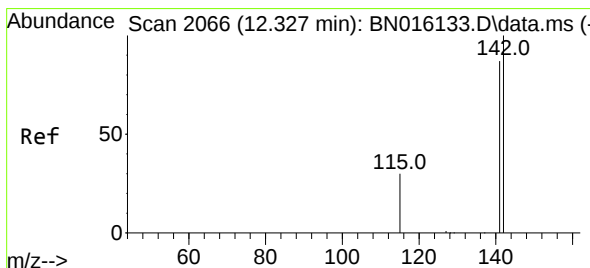
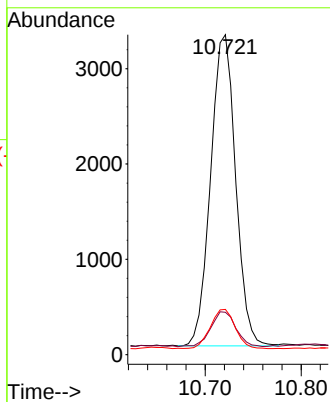
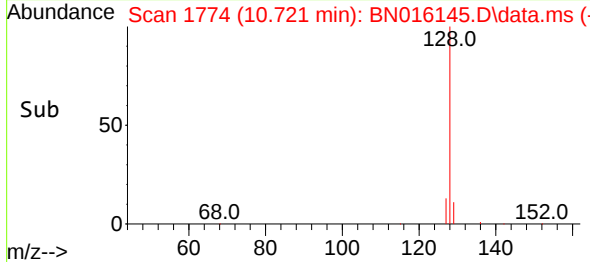




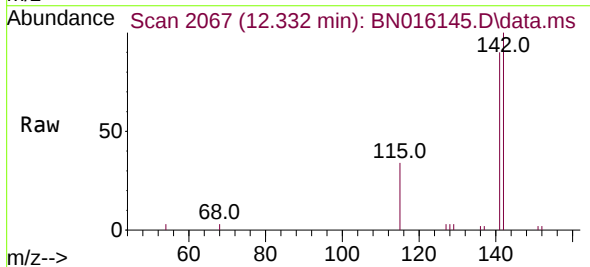
#5
Naphthalene
Concen: 0.193 ng/ul
RT: 10.721 min Scan# 1774
Delta R.T. 0.011 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



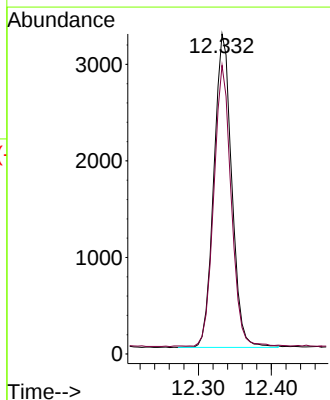
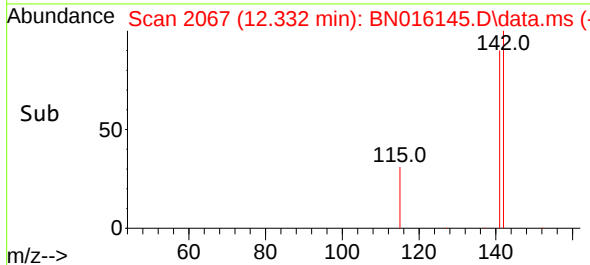
Tgt Ion:128 Resp: 5906
Ion Ratio Lower Upper
128 100
129 13.3 9.4 14.2
127 14.1 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.276 ng/ul
RT: 12.332 min Scan# 2067
Delta R.T. 0.005 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



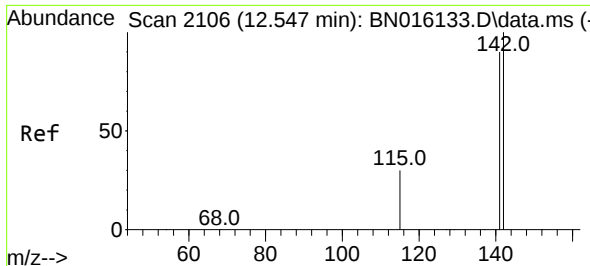
Tgt Ion:142 Resp: 5530
Ion Ratio Lower Upper
142 100
141 86.9 69.5 104.3



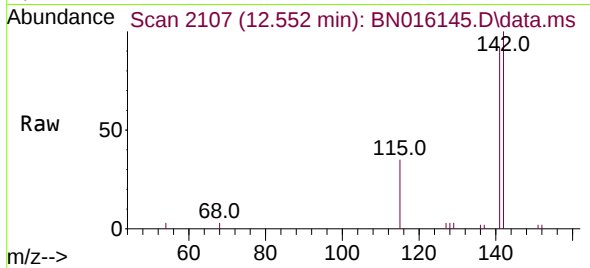
Instrument :
BNA_N
ClientSampleId :
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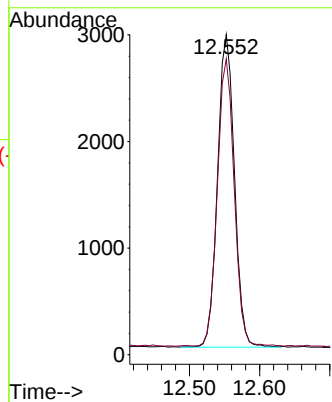
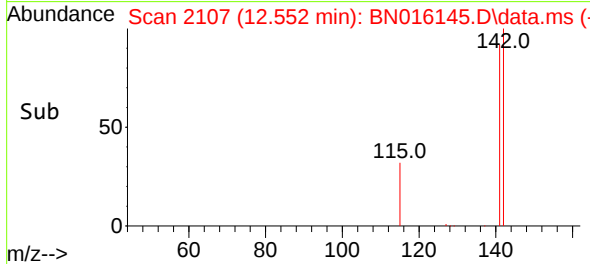
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#8
1-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.552 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



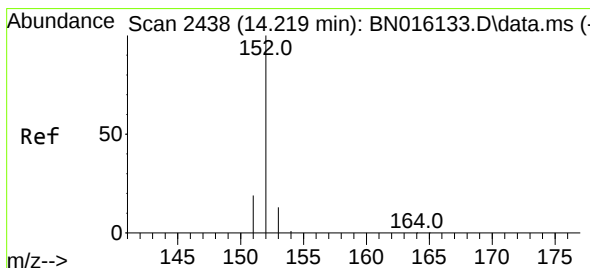
Tgt Ion:142 Resp: 4885
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.4



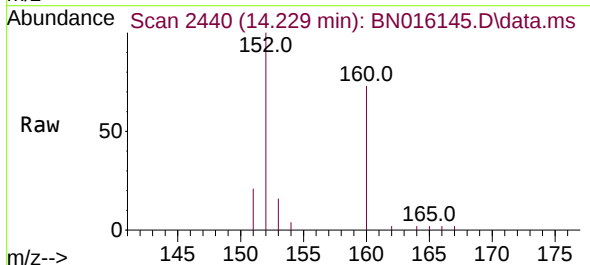
Instrument :
BNA_N
ClientSampleID :
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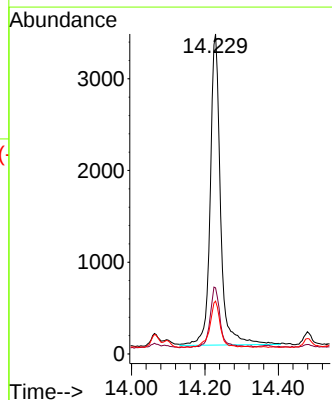
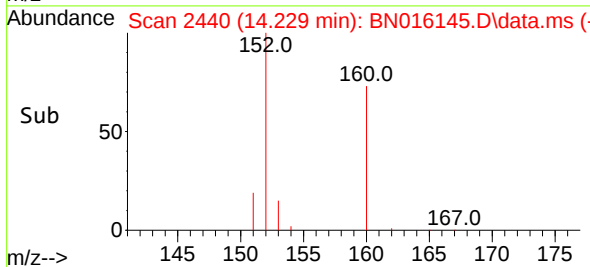
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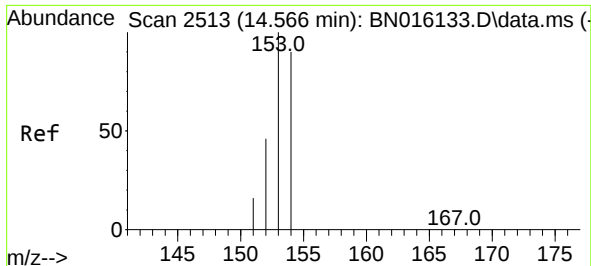


#10
Acenaphthylene
Concen: 0.254 ng/ul
RT: 14.229 min Scan# 2440
Delta R.T. 0.010 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



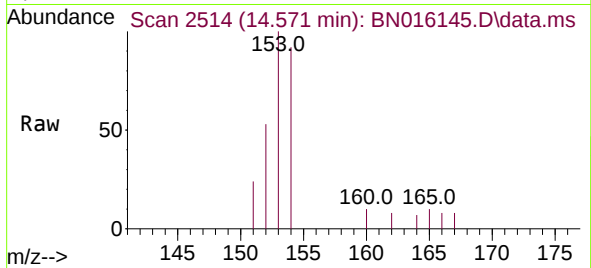
Tgt Ion:152 Resp: 6600
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.6
153 16.5 11.2 16.8





#11
Acenaphthene
Concen: 0.065 ng/u1
RT: 14.571 min Scan# 2514
Delta R.T. 0.005 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57

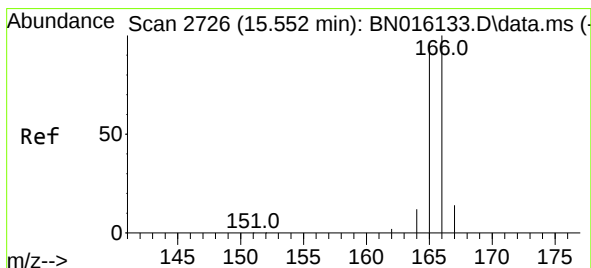
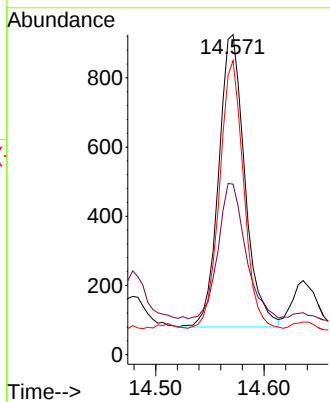
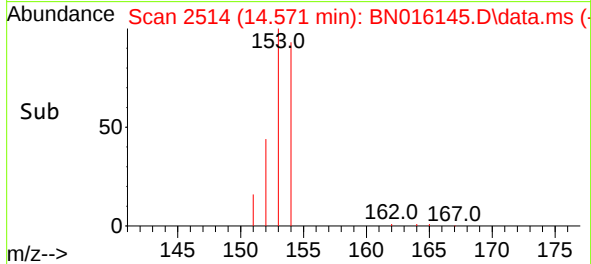
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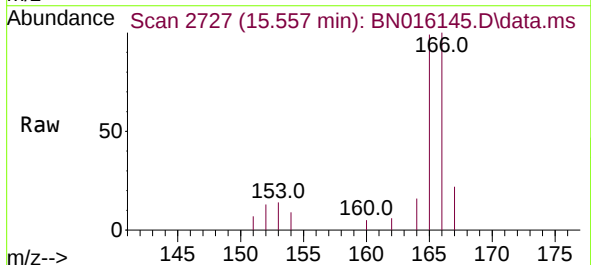
Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.3	38.5	57.7
154	91.9	71.3	106.9

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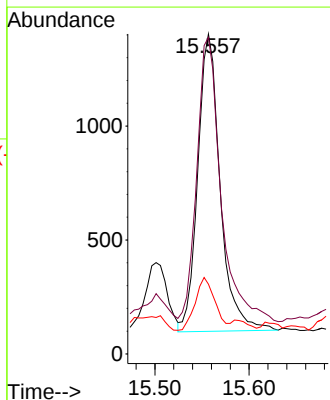
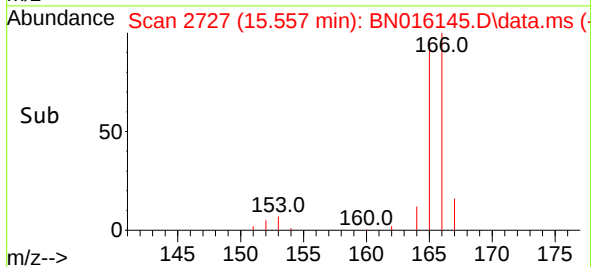
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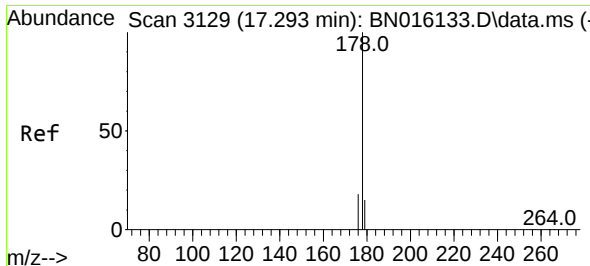


#12
Fluorene
Concen: 0.086 ng/u1
RT: 15.557 min Scan# 2727
Delta R.T. 0.005 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



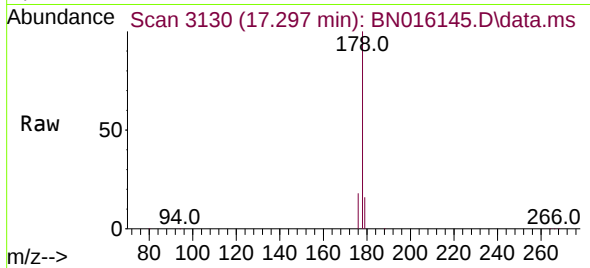
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	21.8	11.8	17.8





#15
Phenanthrene
Concen: 1.468 ng/ul
RT: 17.297 min Scan# 3130
Delta R.T. 0.005 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57

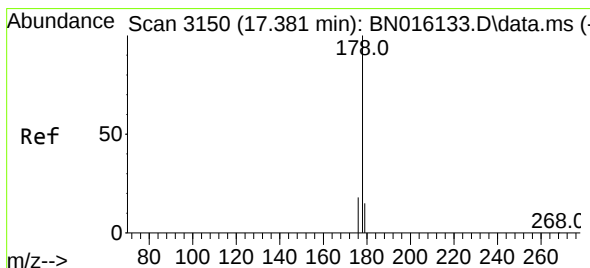
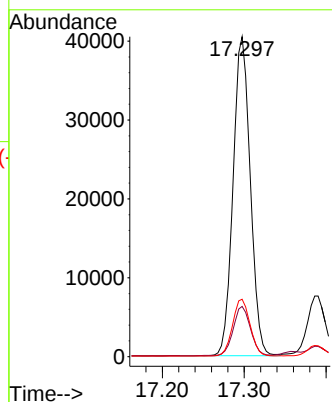
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BNA_N
ClientSampleId :
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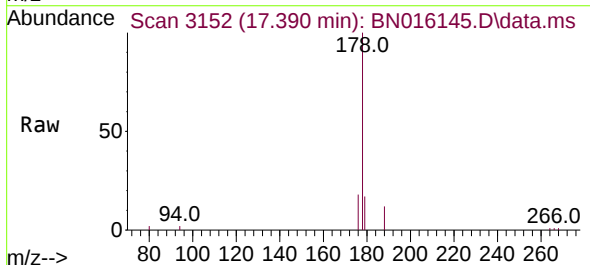
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.0	15.2	22.8

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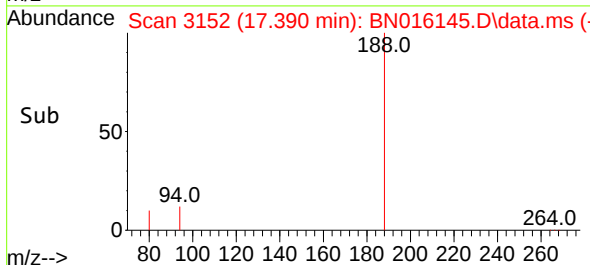
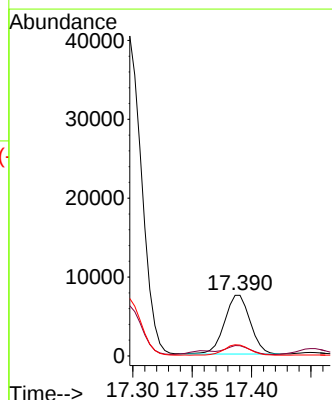
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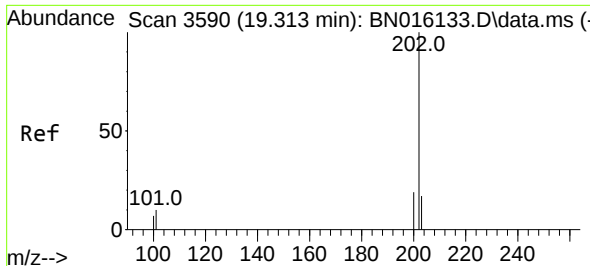


#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.390 min Scan# 3152
Delta R.T. 0.009 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.3	19.9
176	18.1	14.9	22.3





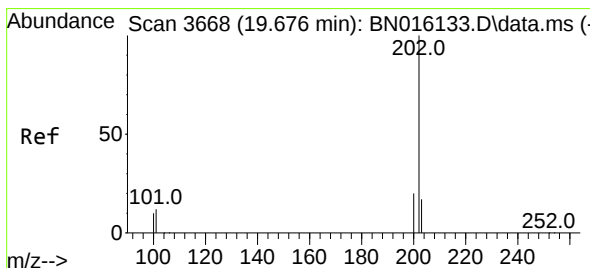
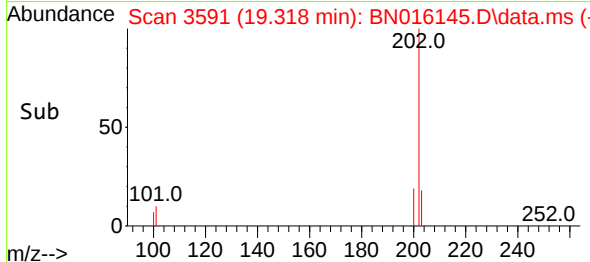
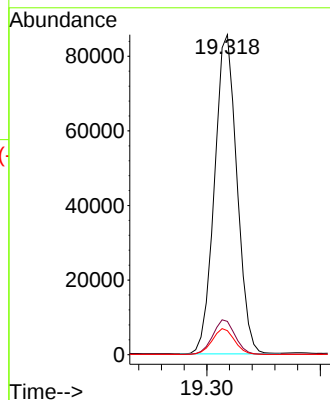
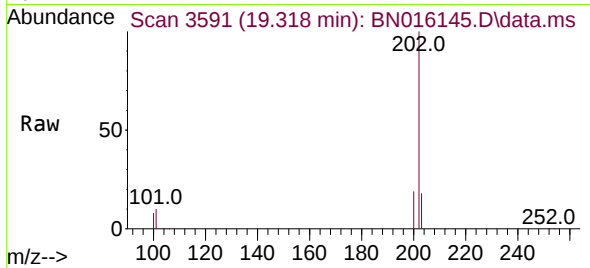
#19
Fluoranthene
Concen: 2.631 ng/ul
RT: 19.318 min Scan# 3591
Delta R.T. 0.005 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57

Tgt Ion:202 Resp: 117233
Ion Ratio Lower Upper
202 100
101 10.4 9.2 13.8
100 7.5 6.7 10.1

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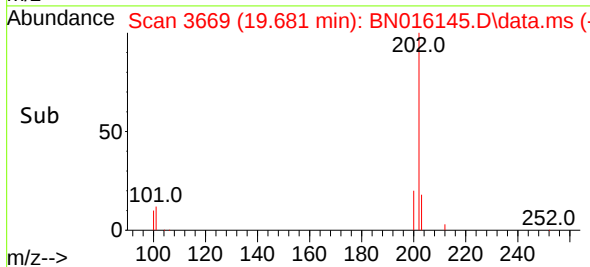
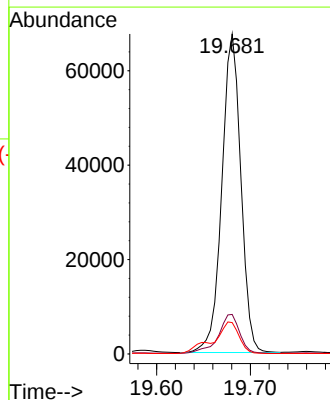
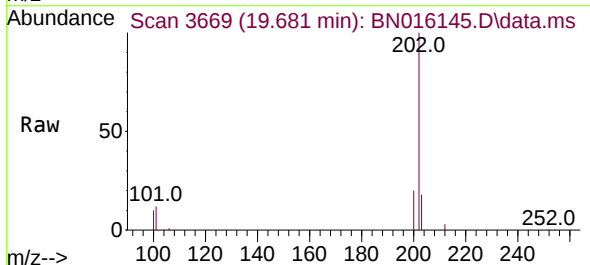
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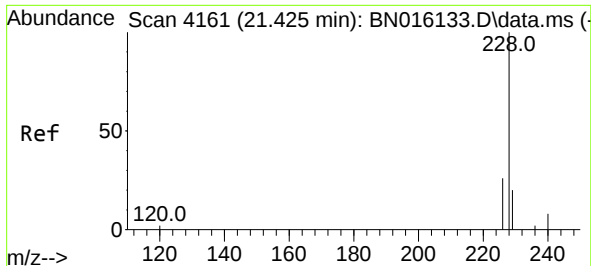
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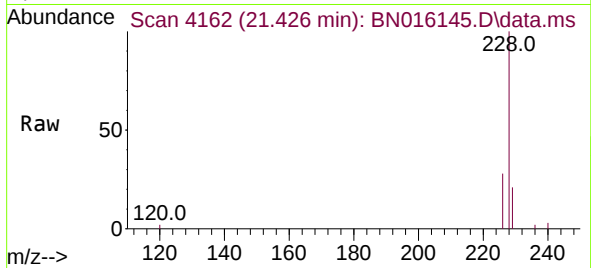
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Pyrene
Concen: 2.103 ng/ul
RT: 19.681 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57

Tgt Ion:202 Resp: 94934
Ion Ratio Lower Upper
202 100
101 12.3 11.5 17.3
100 9.8 9.8 14.8#

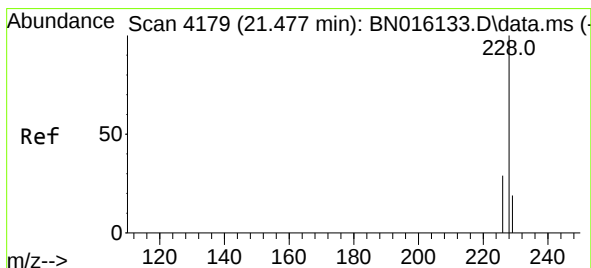
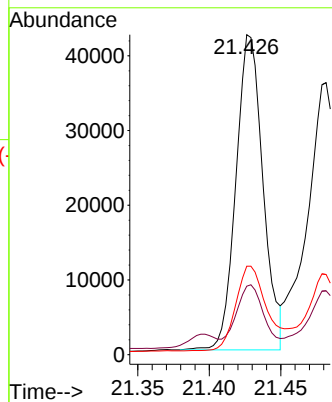
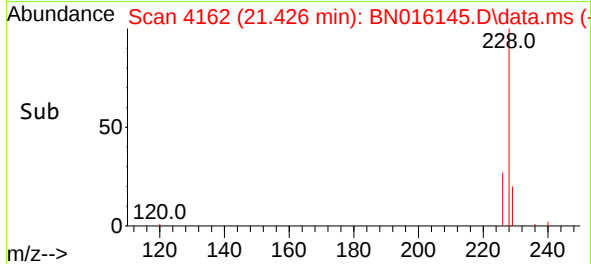




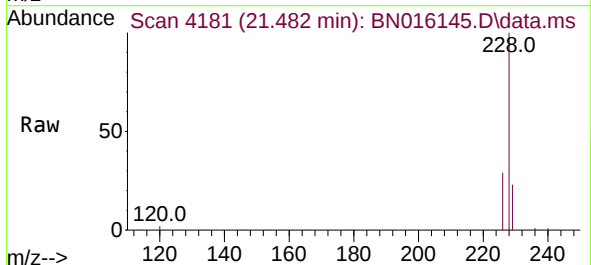
#21
Benzo(a)anthracene
Concen: 1.356 ng/ul
RT: 21.426 min Scan# 4162
Delta R.T. 0.002 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



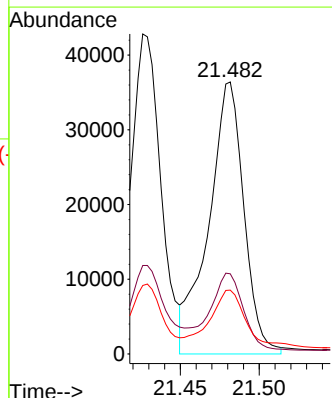
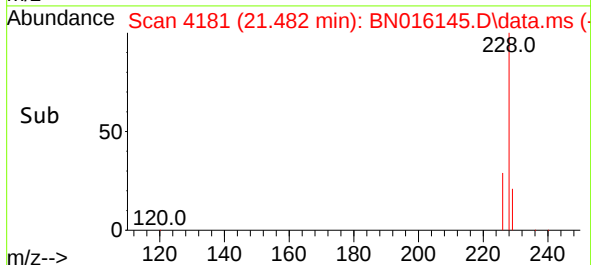
Tgt Ion:228 Resp: 55494
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 27.6 20.8 31.2



#22
Chrysene
Concen: 1.225 ng/ul m
RT: 21.482 min Scan# 4181
Delta R.T. 0.005 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



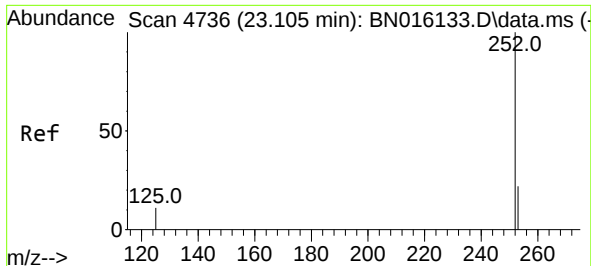
Tgt Ion:228 Resp: 56622
Ion Ratio Lower Upper
228 100
226 29.5 23.2 34.8
229 23.5 15.6 23.4#



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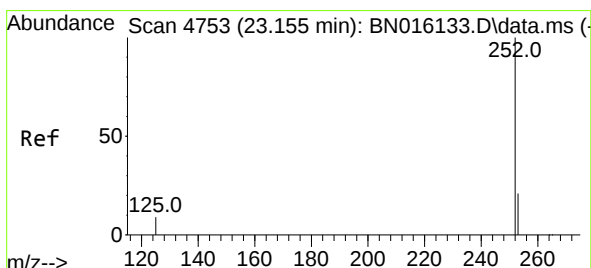
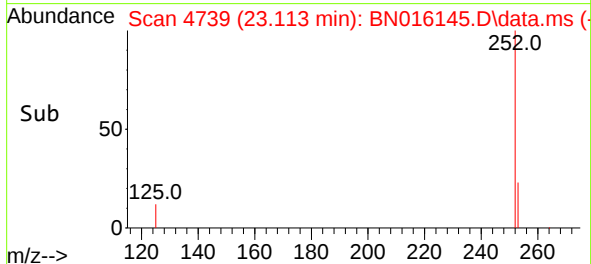
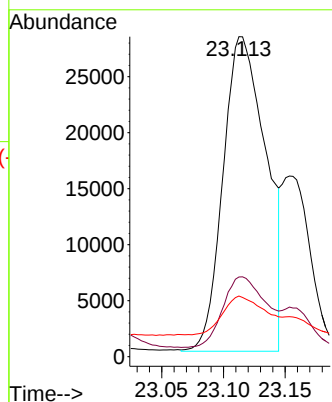
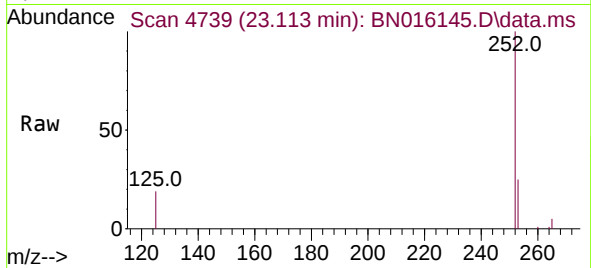
#24
Benzo(b)fluoranthene
Concen: 1.381 ng/ul m
RT: 23.113 min Scan# 4739
Delta R.T. 0.007 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57

Tgt Ion:	252	Resp:	67935
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	49.4
125	19.0	0.0	27.0

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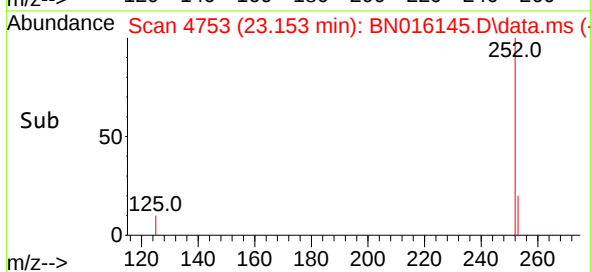
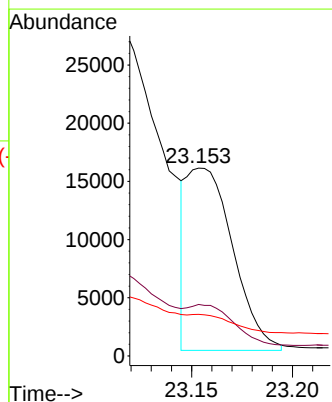
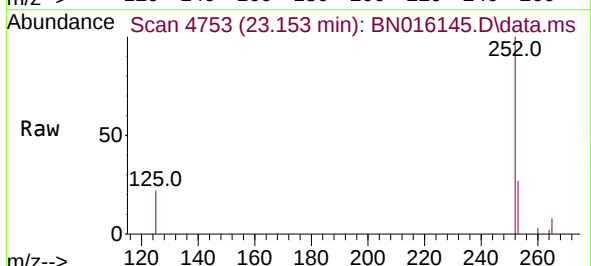
Manual Integrations
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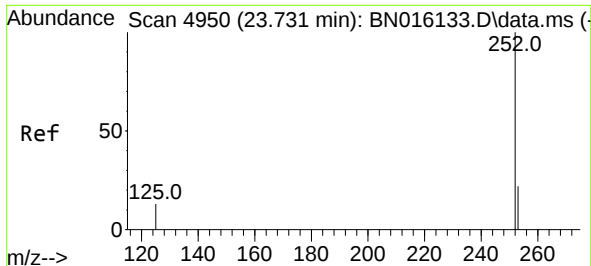
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#25
Benzo(k)fluoranthene
Concen: 0.506 ng/ul m
RT: 23.153 min Scan# 4753
Delta R.T. -0.001 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57

Tgt Ion:	252	Resp:	25040
Ion Ratio	Lower	Upper	
252	100		
253	27.5	19.4	29.0
125	22.1	10.9	16.3#





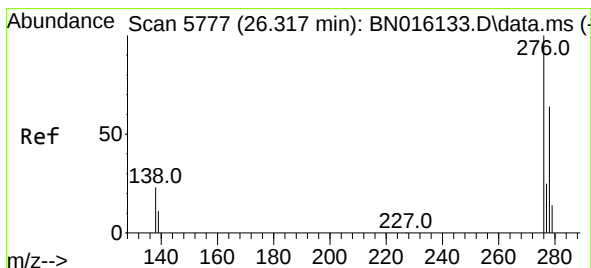
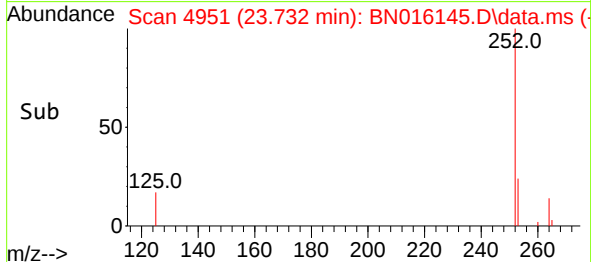
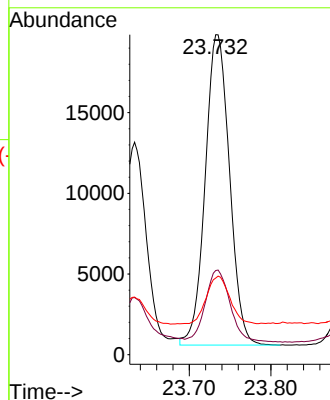
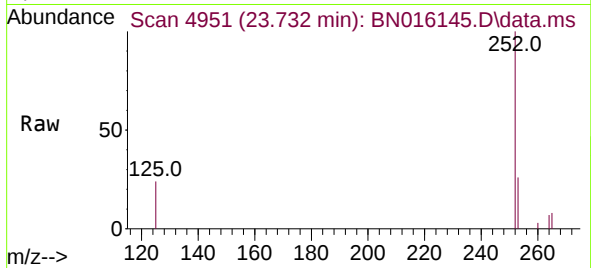
#26
Benzo(a)pyrene
Concen: 0.953 ng/ul
RT: 23.732 min Scan# 4951
Delta R.T. 0.002 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.2	30.2
125	24.0	12.6	18.8#

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

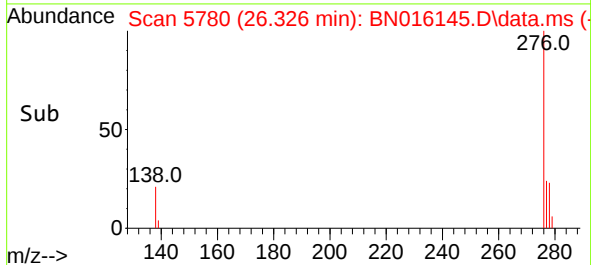
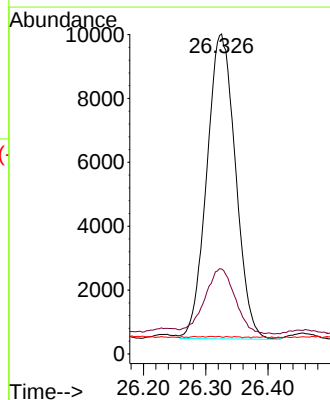
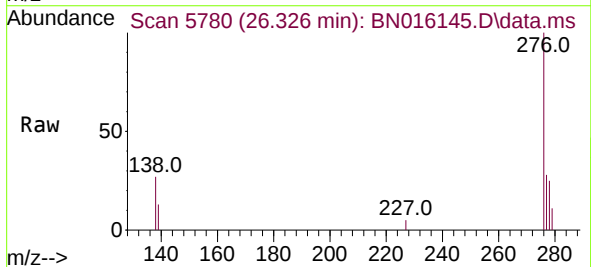
Manual Integrations
APPROVED

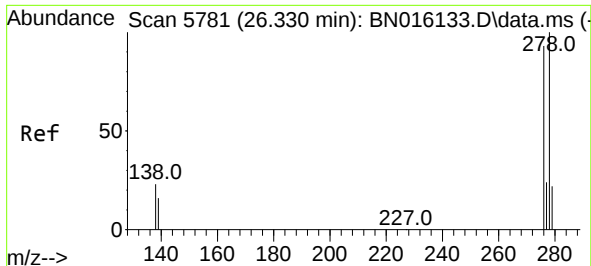
mohammad
9/3/2021 8:59:31 AM



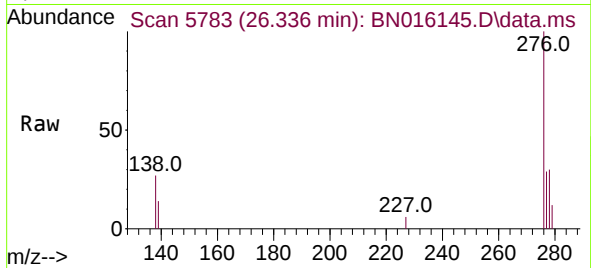
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.567 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. 0.009 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.7	34.1#
227	0.1	0.2	0.2#

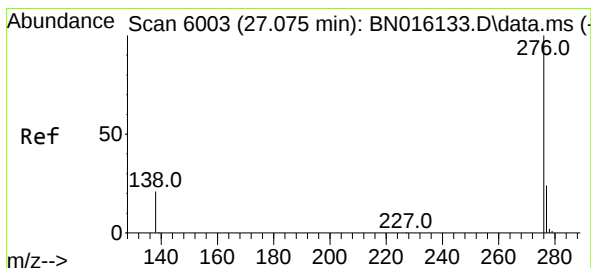
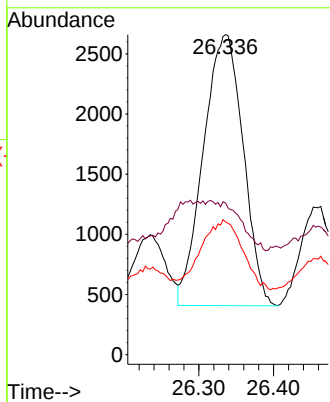
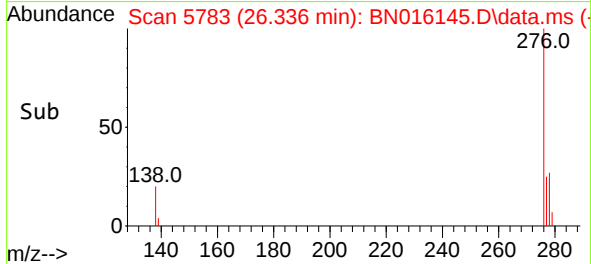




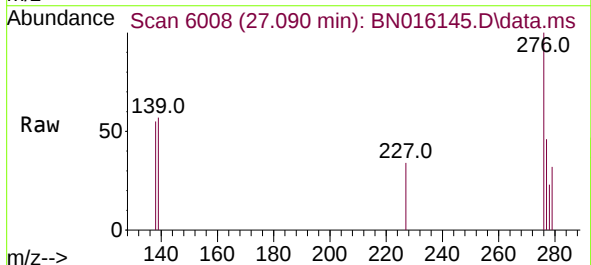
#28
Dibenzo(a,h)anthracene
Concen: 0.188 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. 0.005 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



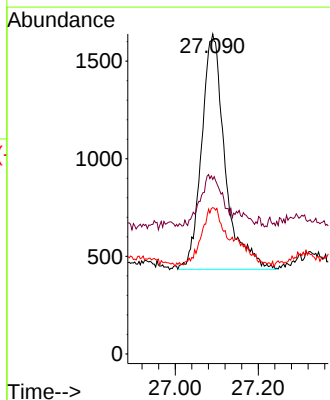
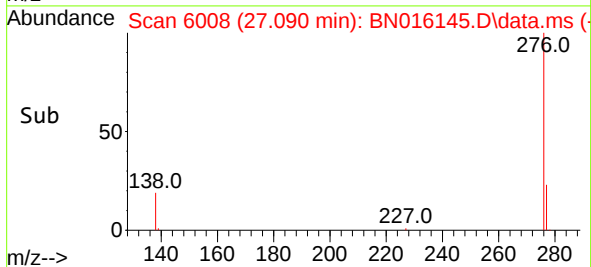
Tgt Ion: 278 Resp: 8345
Ion Ratio Lower Upper
278 100
139 47.4 15.1 22.7#
279 41.5 20.5 30.7#



#29
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 27.090 min Scan# 6008
Delta R.T. 0.015 min
Lab File: BN016145.D
Acq: 02 Sep 2021 19:57



Tgt Ion: 276 Resp: 4728
Ion Ratio Lower Upper
276 100
138 54.5 19.3 28.9#
277 45.8 19.8 29.8#



Instrument :
BNA_N
ClientSampleID :
C0AB6DL

Manual Integrations
APPROVED

mohammad
9/3/2021 8:59:31 AM