

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072121\
 Data File : BN015638.D
 Acq On : 21 Jul 2021 01:41
 Operator : CG/JU
 Sample : M2914-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBK44

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Quant Time: Jul 21 02:48:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 18:52:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.774	152	2624	0.400	ng/ul	0.00
4) Naphthalene-d8	10.562	136	9361	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.418	164	5378	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.170	188	10528	0.400	ng/ul #	0.00
17) Chrysene-d12	21.371	240	8770	0.400	ng/ul #	0.00
23) Perylene-d12	23.710	264	8439	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	8722	2.949	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.162	152	2330	0.159	ng/ul	0.00
18) Fluoranthene-d10	19.206	212	4974	0.173	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.611	128	1023	0.034	ng/ul#	48
7) 2-Methylnaphthalene	12.233	142	484	0.025	ng/ul	91
10) Acenaphthylene	14.136	152	609	0.022	ng/ul#	78
11) Acenaphthene	14.478	153	427	0.020	ng/ul#	90
12) Fluorene	15.468	166	678	0.029	ng/ul#	45
14) Pentachlorophenol	16.828	266	101	0.043	ng/ul	94
15) Phenanthrene	17.212	178	1811	0.047	ng/ul#	1
16) Anthracene	17.301	178	1096	0.033	ng/ul#	54
19) Fluoranthene	19.234	202	1444	0.036	ng/ul#	1
20) Pyrene	19.596	202	1186m	0.029	ng/ul	
21) Benzo(a)anthracene	21.351	228	1382	0.043	ng/ul#	47
22) Chrysene	21.407	228	1114	0.029	ng/ul#	56
24) Benzo(b)fluoranthene	23.002	252	870	0.022	ng/ul#	1
26) Benzo(a)pyrene	23.605	252	797	0.024	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.132	276	1522	0.038	ng/ul#	67
28) Dibenzo(a,h)anthracene	26.142	278	2299	0.073	ng/ul#	41
29) Benzo(g,h,i)perylene	26.860	276	1441	0.039	ng/ul#	15

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

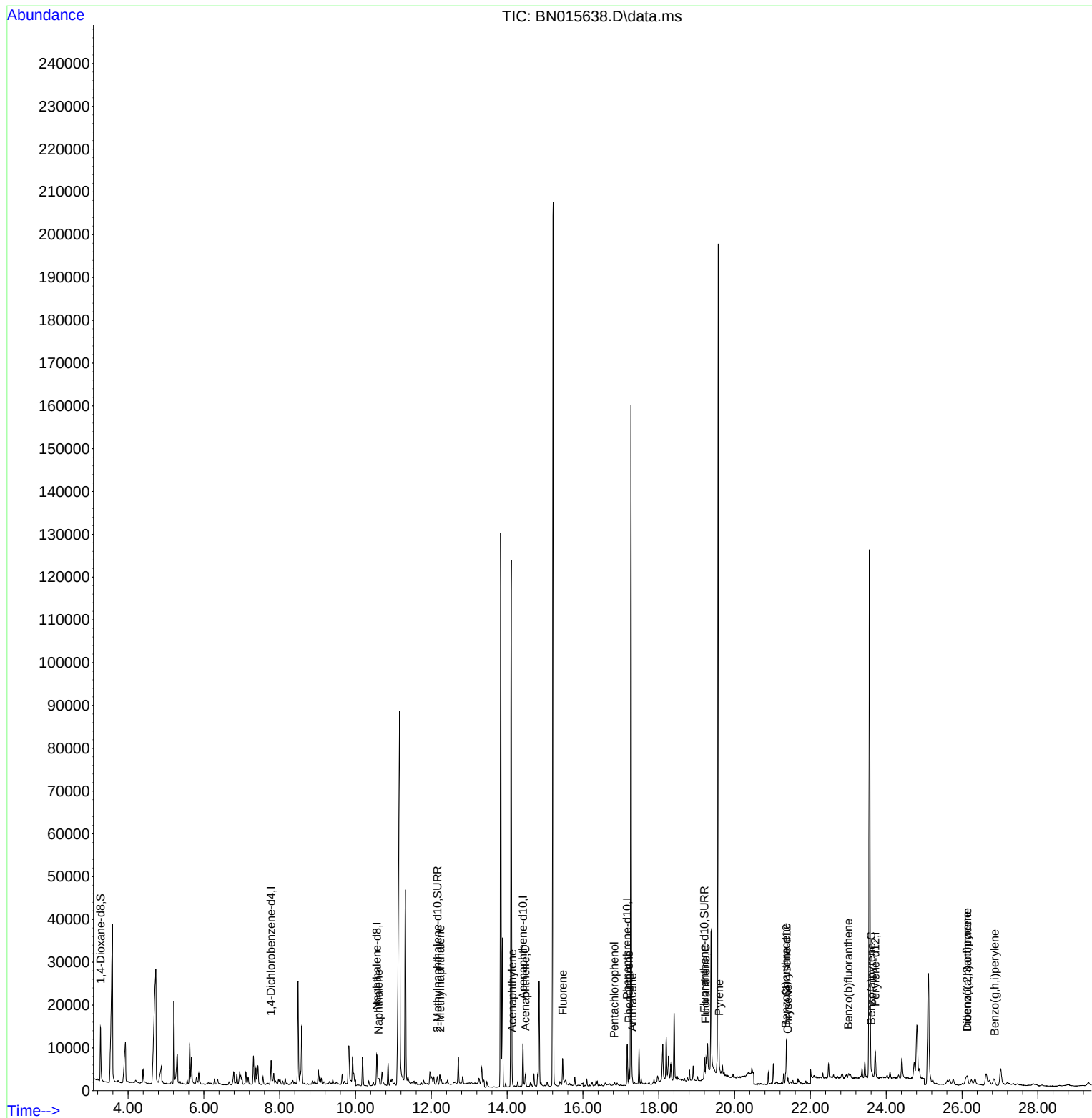
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Data File : BN015638.D
Acq On : 21 Jul 2021 01:41
Operator : CG/JU
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ALS Vial : 16 Sample Multiplier: 1

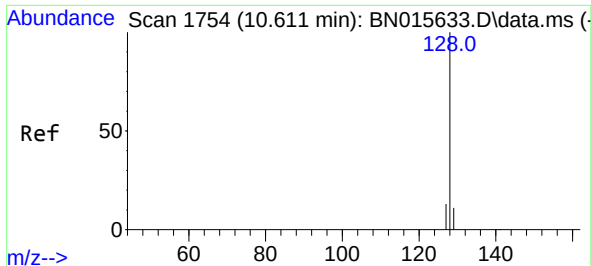
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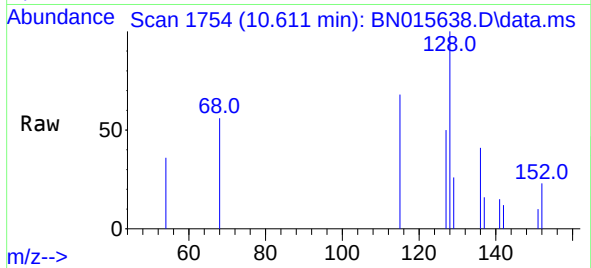
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Quant Time: Jul 21 02:48:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 18:52:28 2021
Response via : Initial Calibration

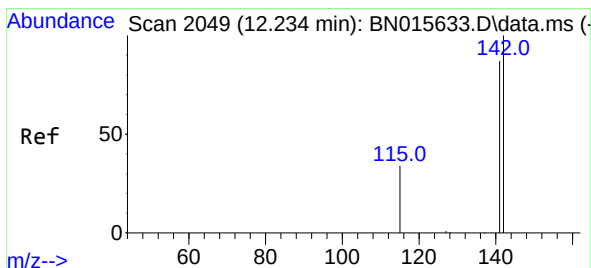
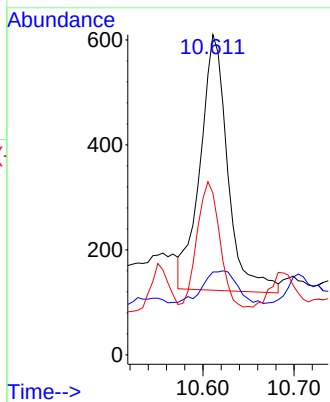
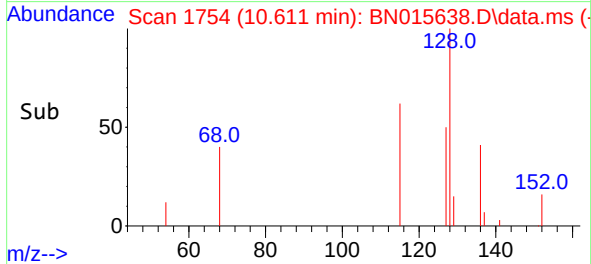




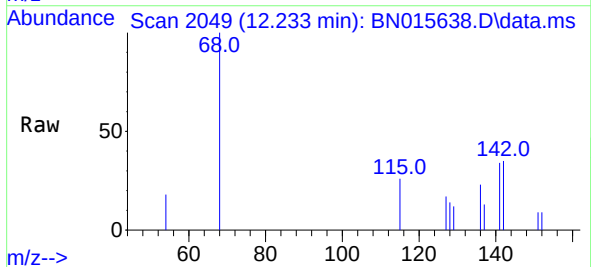
#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.611 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41



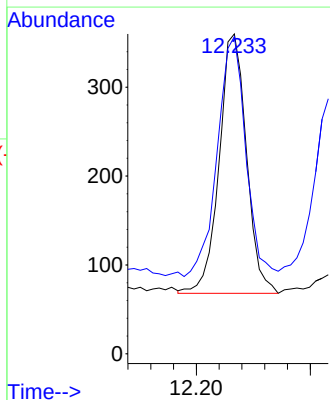
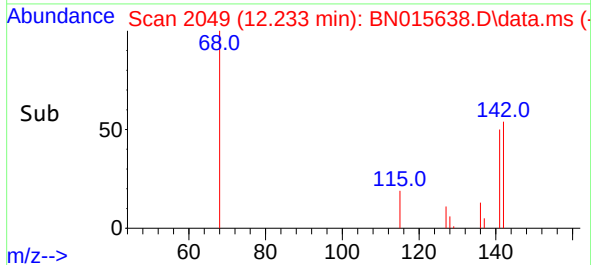
Tgt Ion:128 Resp: 1023
Ion Ratio Lower Upper
128 100
129 25.9 10.9 16.3#
127 50.5 15.7 23.5#



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.233 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41



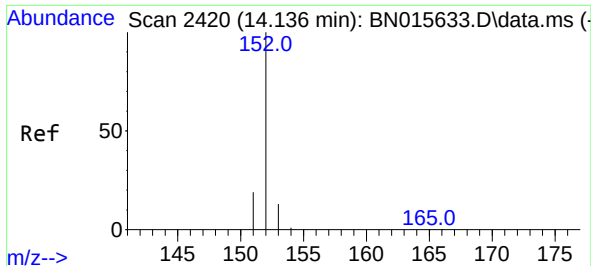
Tgt Ion:142 Resp: 484
Ion Ratio Lower Upper
142 100
141 95.7 70.2 105.2



Instrument :
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ClientSampleId :
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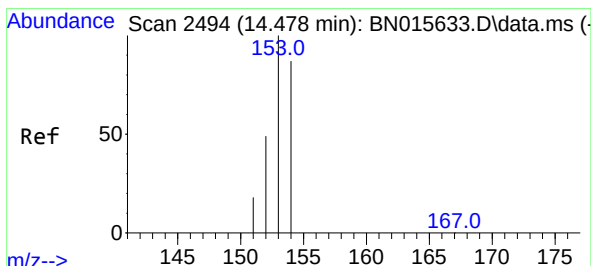
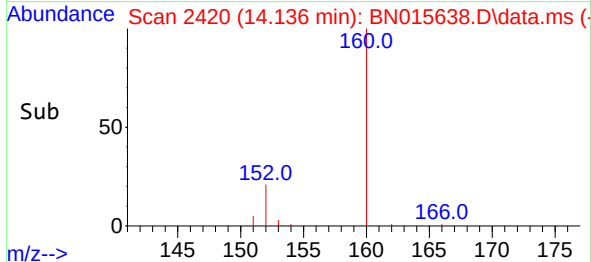
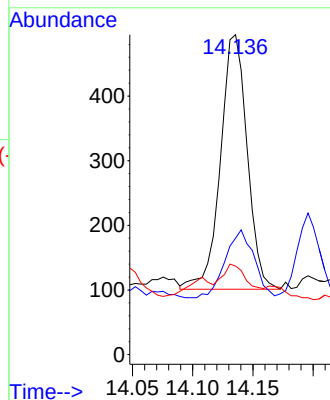
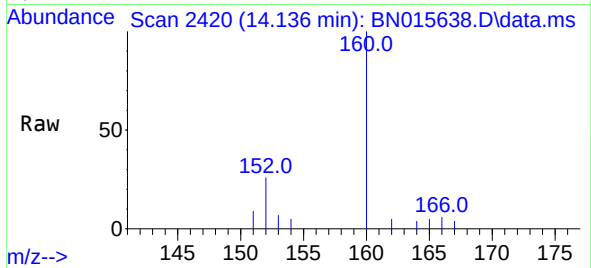
#10
Acenaphthylene
Concen: 0.022 ng/u1
RT: 14.136 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41

Tgt Ion:	152	Resp:	609
Ion Ratio	Lower	Upper	
152	100		
151	36.4	20.2	30.4#
153	27.7	14.2	21.4#

Instrument :
BNA_N
ClientSampled :
DBK44

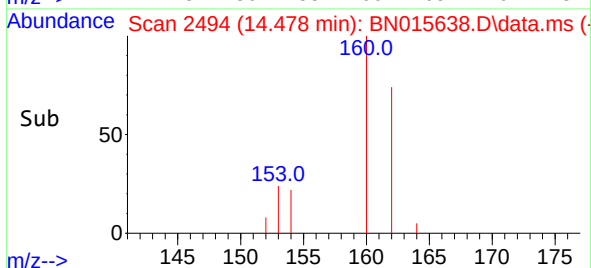
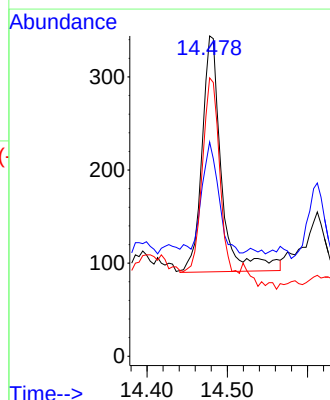
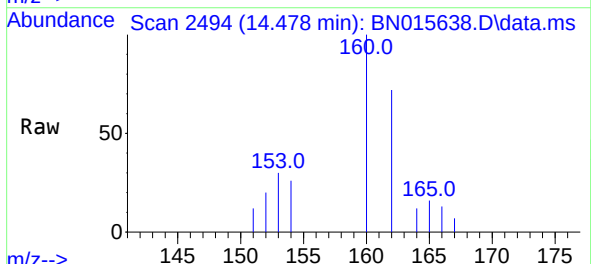
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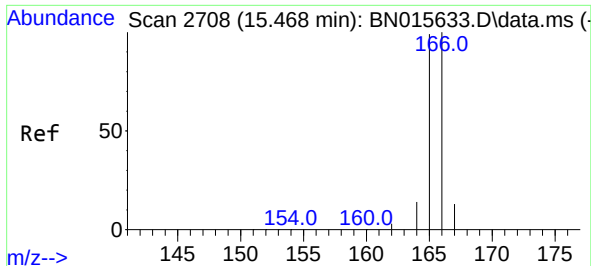
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#11
Acenaphthene
Concen: 0.020 ng/u1
RT: 14.478 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41

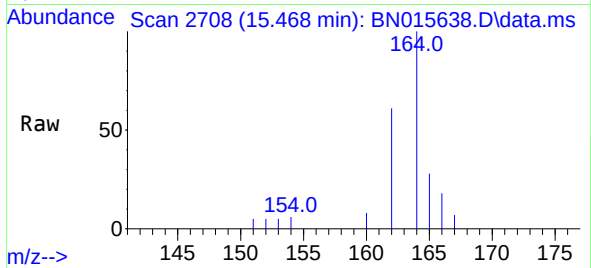
Tgt Ion:	153	Resp:	427
Ion Ratio	Lower	Upper	
153	100		
152	66.9	39.7	59.5#
154	86.9	71.0	106.4





#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.468 min Scan# 2708
Delta R.T. -0.000 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41

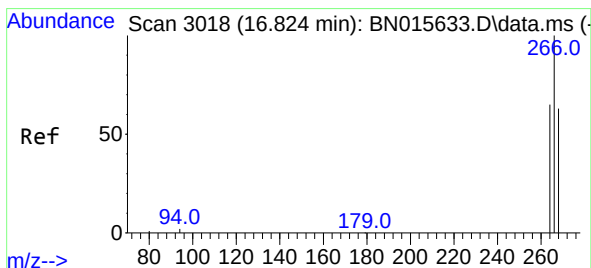
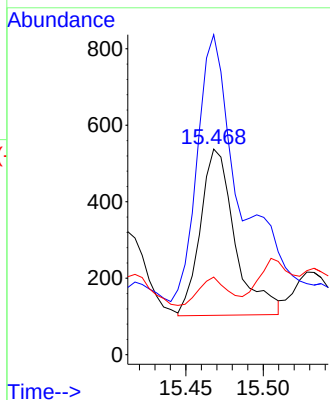
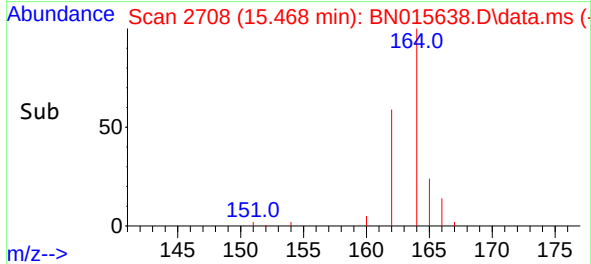
Instrument :
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ClientSampled :
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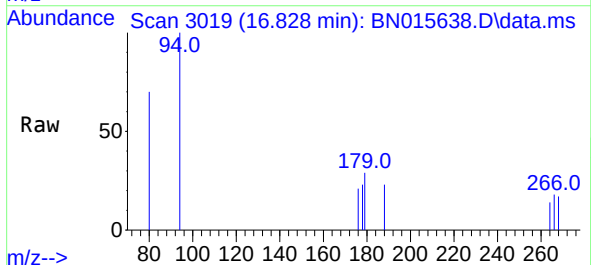
Tgt Ion:166 Resp: 678
Ion Ratio Lower Upper
166 100
165 155.6 79.3 118.9#
167 37.7 13.8 20.6#

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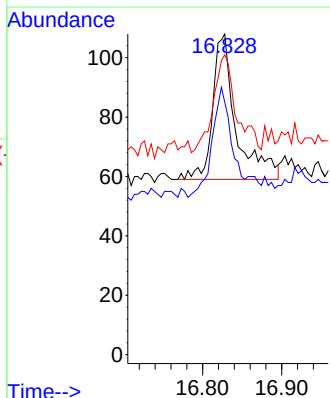
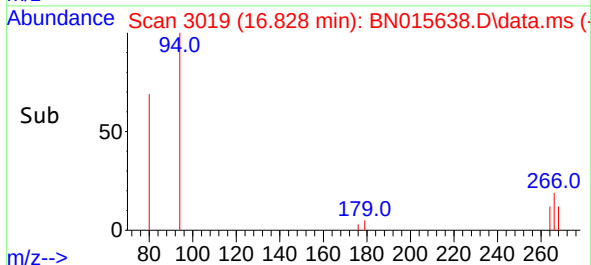
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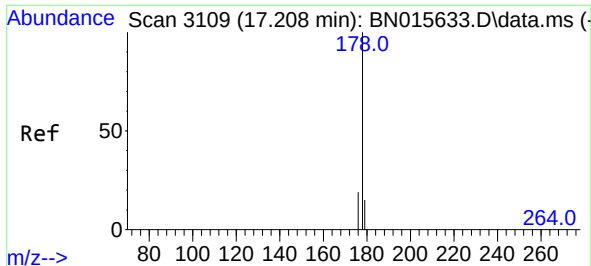


#14
Pentachlorophenol
Concen: 0.043 ng/ul
RT: 16.828 min Scan# 3019
Delta R.T. 0.004 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41

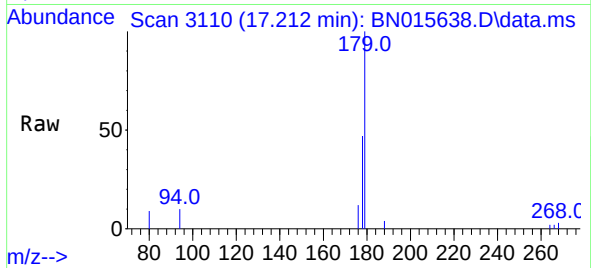


Tgt Ion:266 Resp: 101
Ion Ratio Lower Upper
266 100
264 70.3 52.9 79.3
268 69.3 59.4 89.0

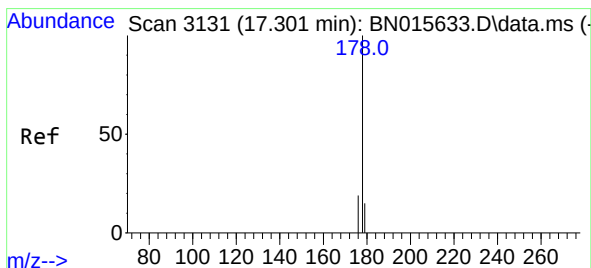
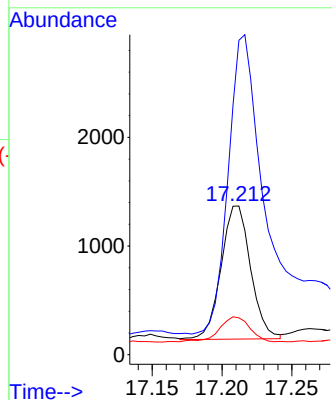




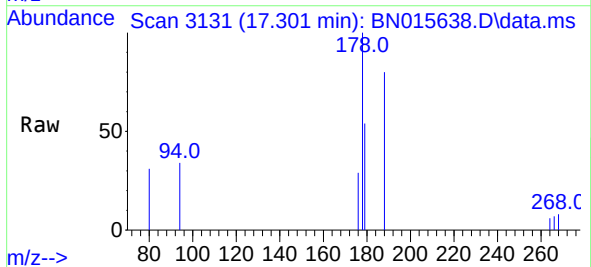
#15
Phenanthrene
Concen: 0.047 ng/uI
RT: 17.212 min Scan# 3110
Delta R.T. 0.004 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41



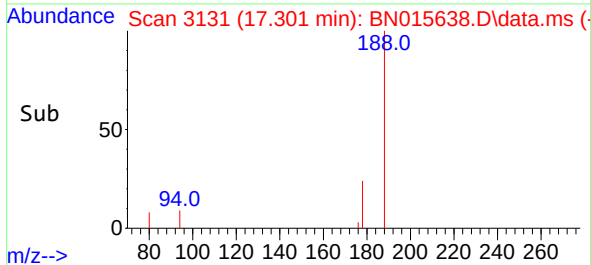
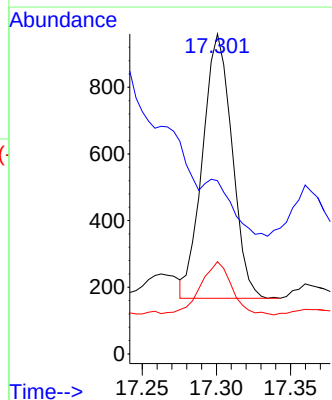
Tgt Ion:178 Resp: 1811
Ion Ratio Lower Upper
178 100
179 211.5 13.8 20.6#
176 24.8 16.2 24.4#



#16
Anthracene
Concen: 0.033 ng/uI
RT: 17.301 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41



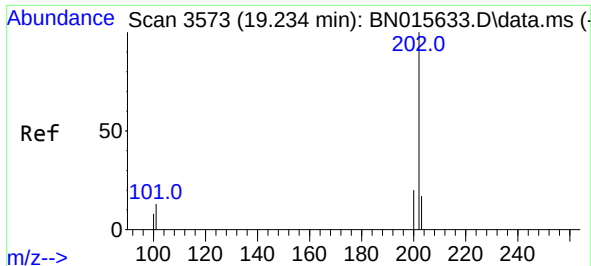
Tgt Ion:178 Resp: 1096
Ion Ratio Lower Upper
178 100
179 54.2 14.3 21.5#
176 28.9 17.1 25.7#



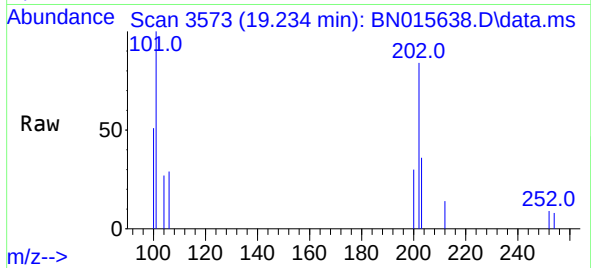
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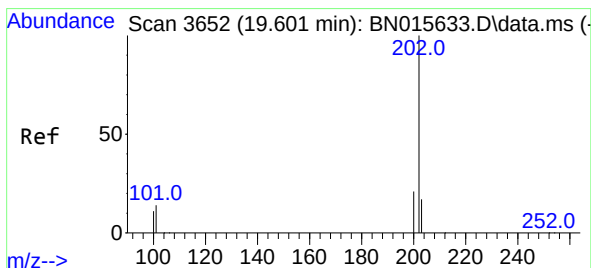
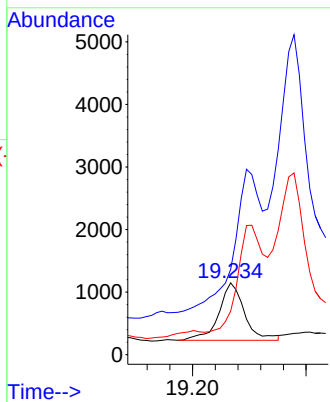
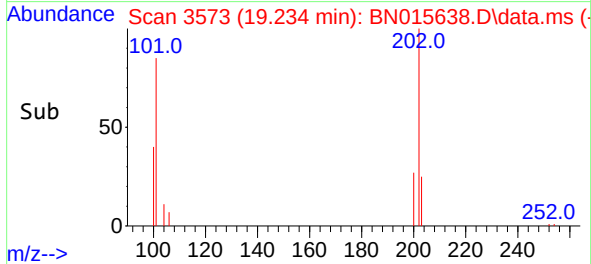
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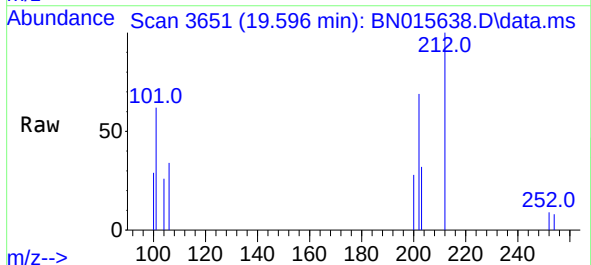
#19
Fluoranthene
Concen: 0.036 ng/u1
RT: 19.234 min Scan# 3573
Delta R.T. -0.000 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41



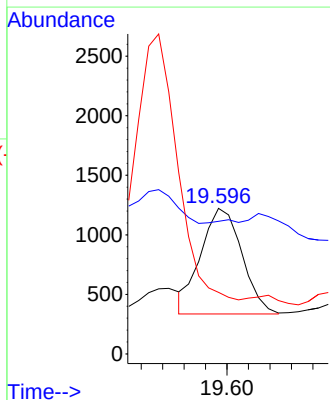
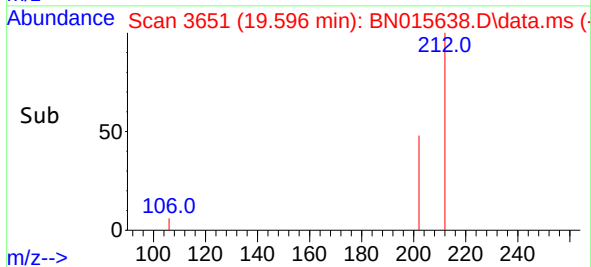
Tgt Ion:202 Resp: 1444
Ion Ratio Lower Upper
202 100
101 118.8 7.6 11.4#
100 60.8 5.9 8.9#



#20
Pyrene
Concen: 0.029 ng/u1 m
RT: 19.596 min Scan# 3651
Delta R.T. -0.000 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41



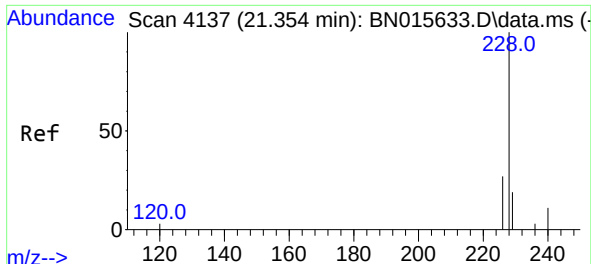
Tgt Ion:202 Resp: 1186
Ion Ratio Lower Upper
202 100
101 91.1 8.5 12.7#
100 42.3 7.4 11.2#



Instrument :
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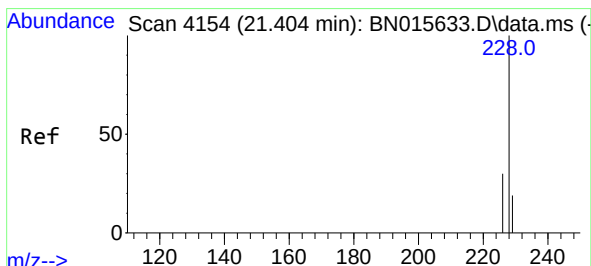
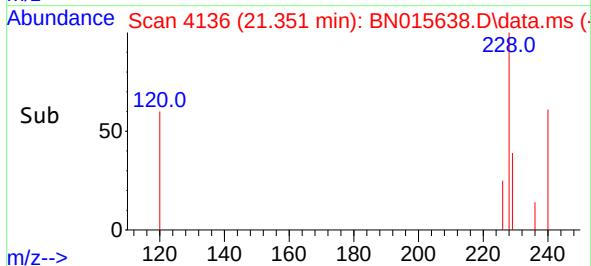
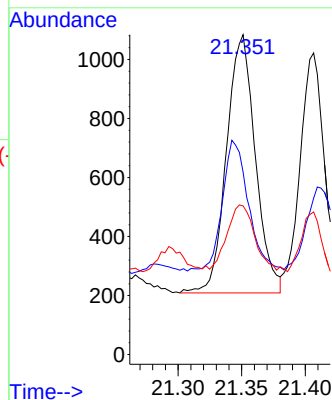
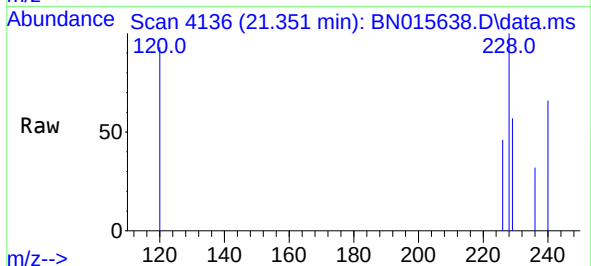
#21
Benzo(a)anthracene
Concen: 0.043 ng/ul
RT: 21.351 min Scan# 4136
Delta R.T. -0.000 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41

Tgt Ion:228 Resp: 1382
Ion Ratio Lower Upper
228 100
229 57.1 16.3 24.5#
226 46.5 22.6 33.8#

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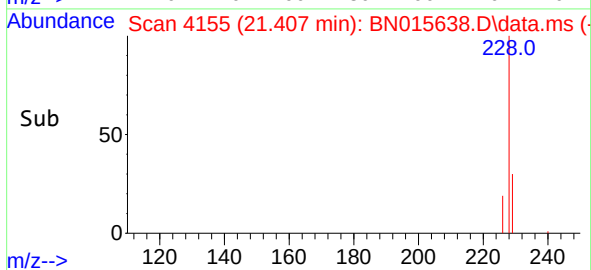
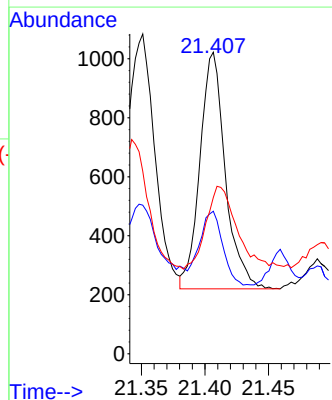
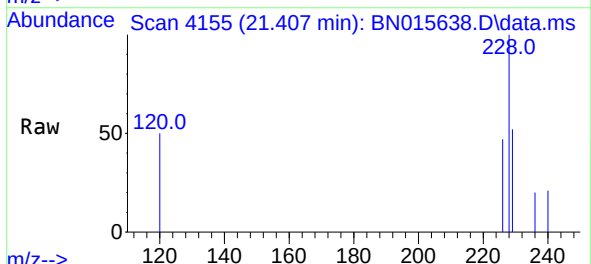
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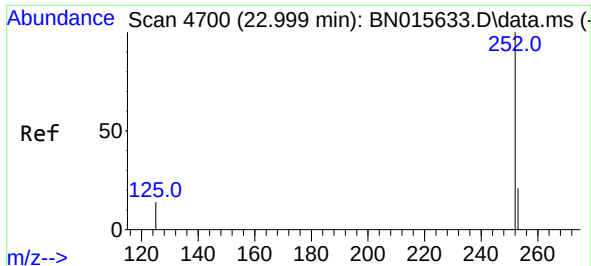
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#22
Chrysene
Concen: 0.029 ng/ul
RT: 21.407 min Scan# 4155
Delta R.T. 0.002 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41

Tgt Ion:228 Resp: 1114
Ion Ratio Lower Upper
228 100
226 47.3 25.3 37.9#
229 51.9 16.2 24.4#





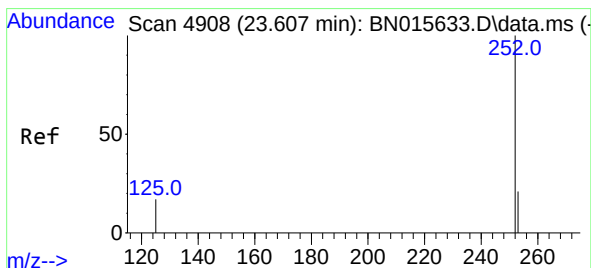
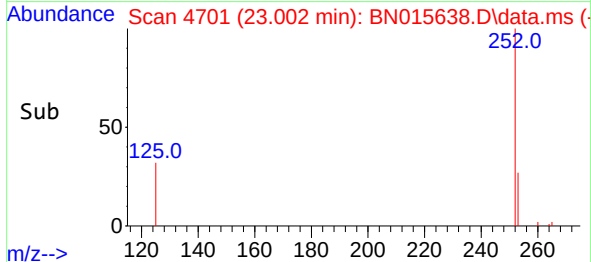
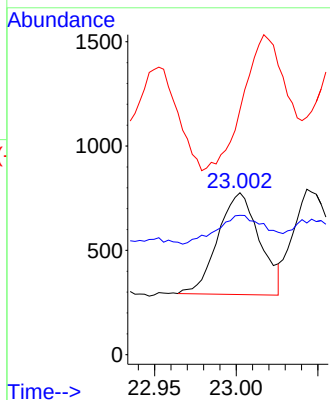
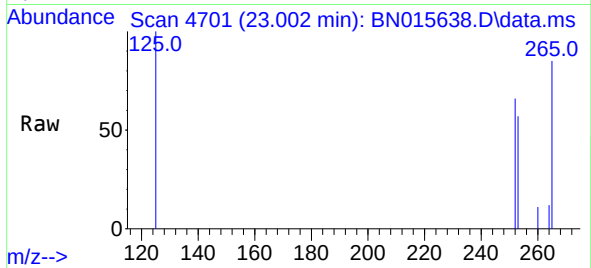
#24
Benzo(b)fluoranthene
Concen: 0.022 ng/ul
RT: 23.002 min Scan# 4701
Delta R.T. 0.002 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41

Tgt Ion:252 Resp: 870
Ion Ratio Lower Upper
252 100
253 86.1 0.0 50.2#
125 151.3 0.0 19.4#

Instrument :
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ClientSampleId :
DBK44

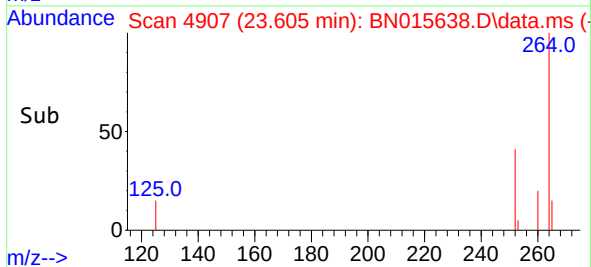
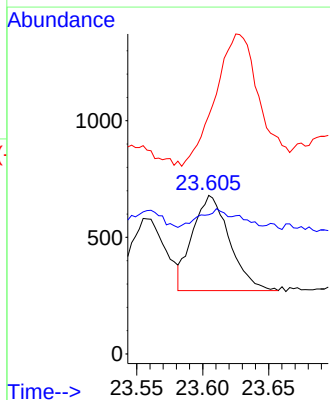
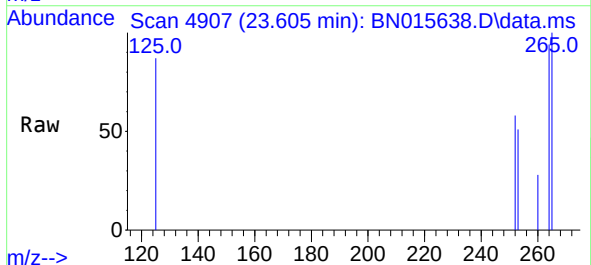
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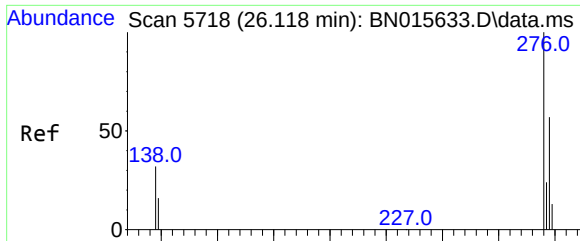
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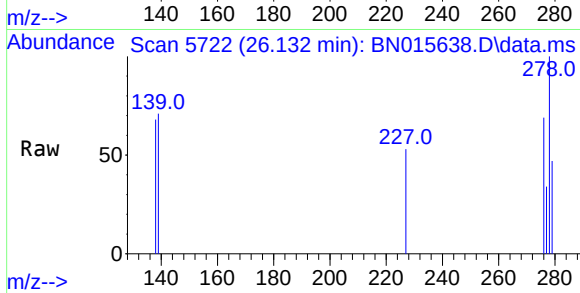
#26
Benzo(a)pyrene
Concen: 0.024 ng/ul
RT: 23.605 min Scan# 4907
Delta R.T. -0.003 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41

Tgt Ion:252 Resp: 797
Ion Ratio Lower Upper
252 100
253 87.8 23.0 34.6#
125 150.3 9.5 14.3#

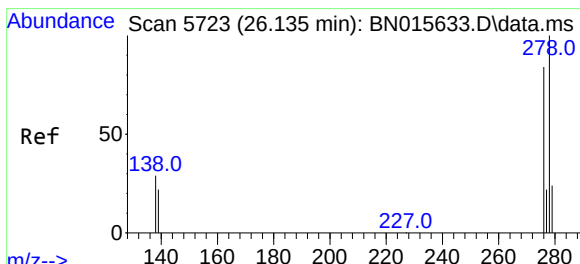
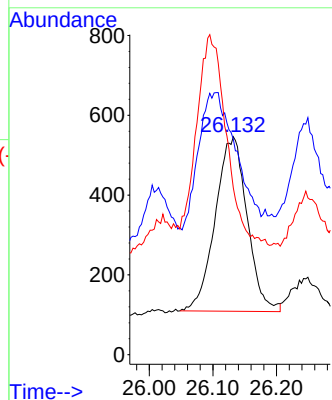
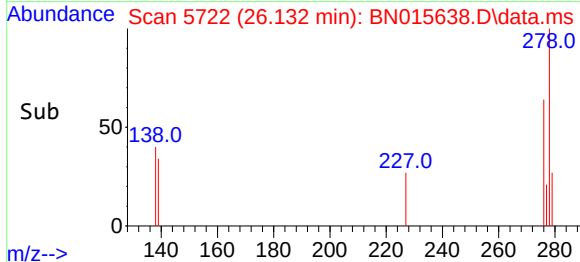




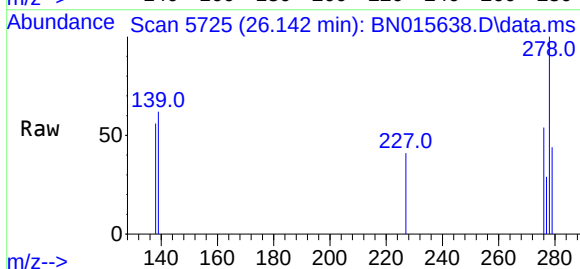
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 26.132 min Scan# 5722
Delta R.T. 0.013 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41



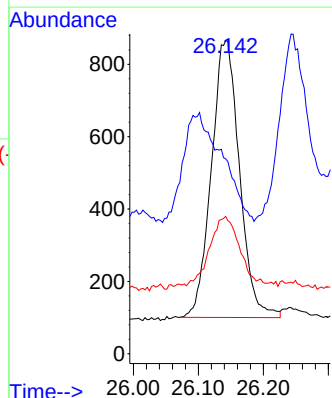
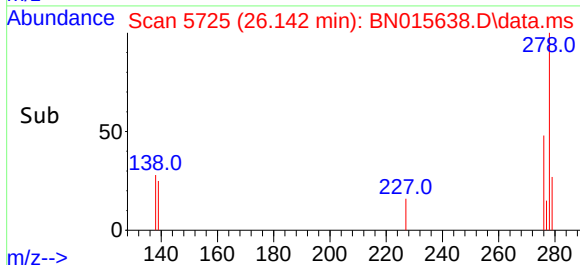
Tgt Ion: 276 Resp: 1522
Ion Ratio Lower Upper
276 100
138 0.0 10.9 16.3#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 26.142 min Scan# 5725
Delta R.T. 0.010 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41



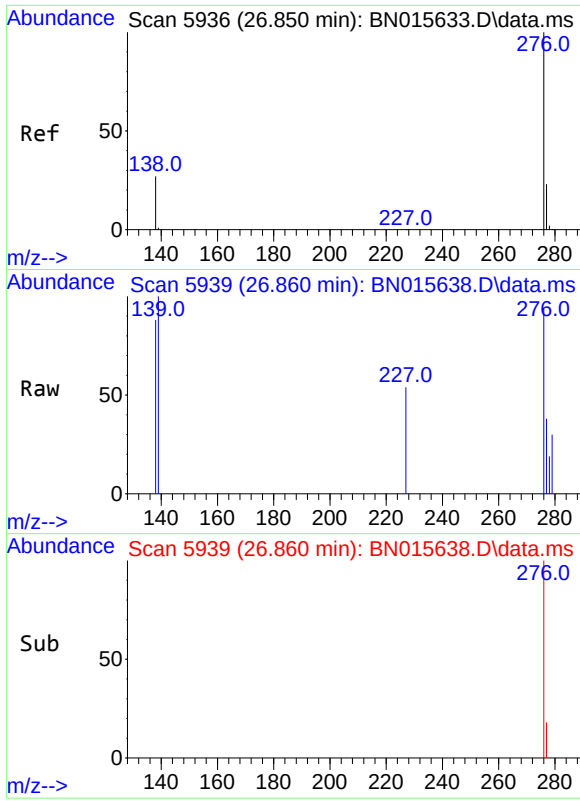
Tgt Ion: 278 Resp: 2299
Ion Ratio Lower Upper
278 100
139 62.3 10.6 16.0#
279 43.9 22.6 34.0#



Instrument :
BNA_N
ClientSampleId :
DBK44

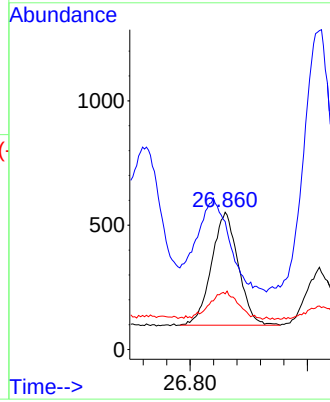
Manual Integrations
APPROVED

mohammad
7/21/2021 3:57:42 PM



#29
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 26.860 min Scan# 5939
Delta R.T. 0.006 min
Lab File: BN015638.D
Acq: 21 Jul 2021 01:41

Tgt Ion:	276	Resp:	1441
Ion	Ratio	Lower	Upper
276	100		
138	93.3	11.5	17.3#
277	40.6	21.4	32.2#



Instrument :
BNA_N
ClientSampleId :
DBK44

Manual Integrations
APPROVED

mohammad
7/21/2021 3:57:42 PM