

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
 Data File : BN016095.D
 Acq On : 27 Aug 2021 07:17
 Operator : CG/JU
 Sample : M3458-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS6

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 27 08:17:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 11:35:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	1457	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	6610	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	4332	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	9233	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	8988	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	8226	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	5625	2.849	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	1935	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.276	212	4736	0.196	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.710	128	9440	0.553	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	5175	0.448	ng/ul	98
8) 1-Methylnaphthalene	12.547	142	4071	0.360	ng/ul	99
10) Acenaphthylene	14.219	152	3988	0.261	ng/ul	97
11) Acenaphthene	14.562	153	3492	0.265	ng/ul	99
12) Fluorene	15.547	166	2588	0.166	ng/ul#	95
15) Phenanthrene	17.284	178	54969	2.158	ng/ul	98
16) Anthracene	17.377	178	10365	0.471	ng/ul	100
19) Fluoranthene	19.304	202	91175	3.247	ng/ul	99
20) Pyrene	19.666	202	72349	2.559	ng/ul	99
21) Benzo(a)anthracene	21.419	228	47858	1.710	ng/ul	98
22) Chrysene	21.468	228	51522	1.711	ng/ul	98
24) Benzo(b)fluoranthene	23.096	252	74938m	2.441	ng/ul	
25) Benzo(k)fluoranthene	23.134	252	25119m	0.812	ng/ul	
26) Benzo(a)pyrene	23.713	252	36406	1.410	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.283	276	32745	0.959	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.293	278	9422	0.328	ng/ul#	93
29) Benzo(g,h,i)perylene	27.041	276	3294	0.112	ng/ul#	79

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

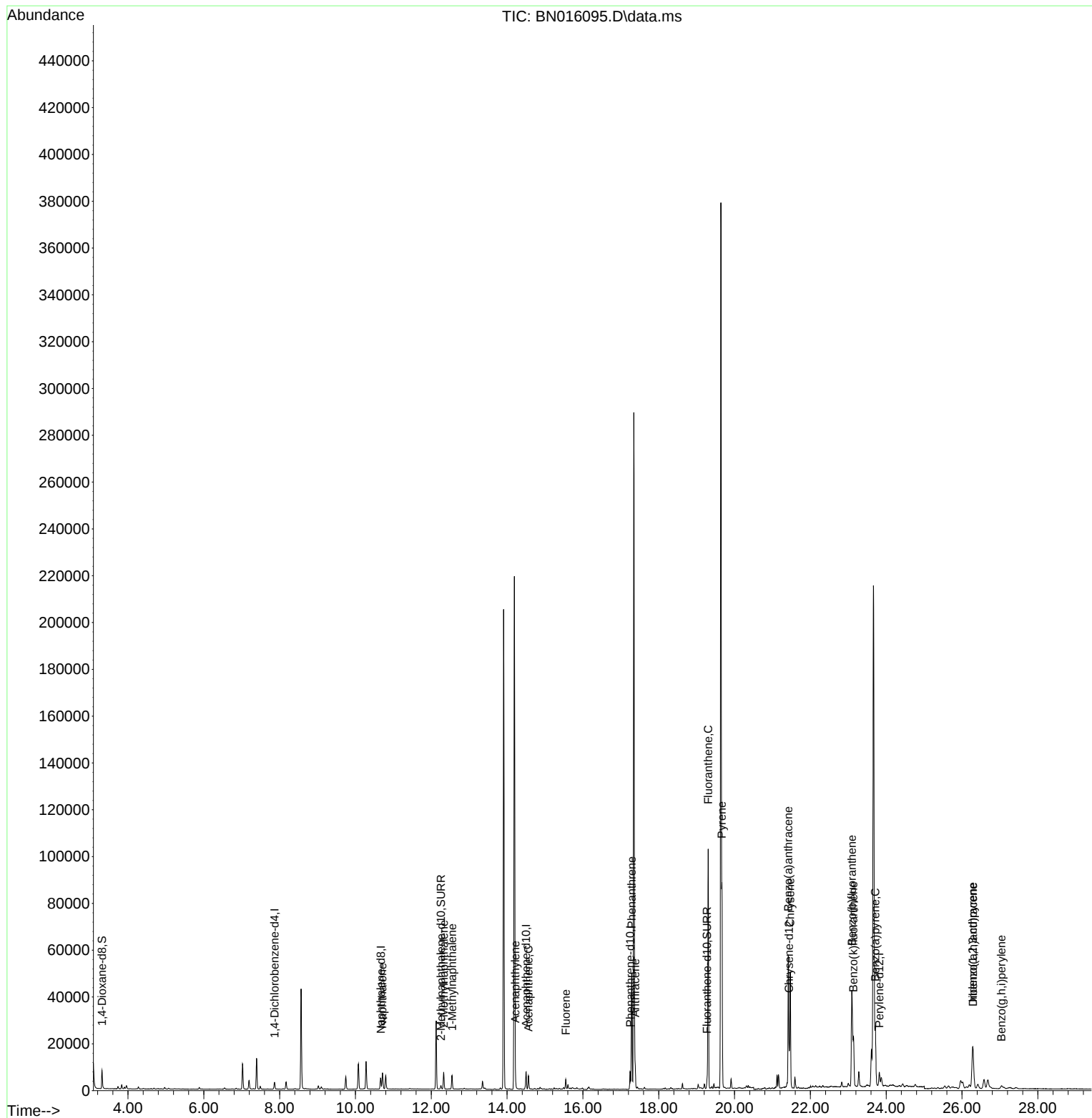
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016095.D
Acq On : 27 Aug 2021 07:17
Operator : CG/JU
Sample : M3458-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

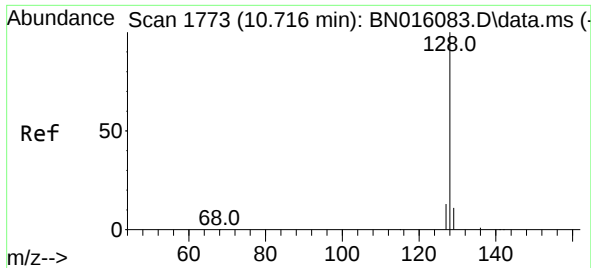
Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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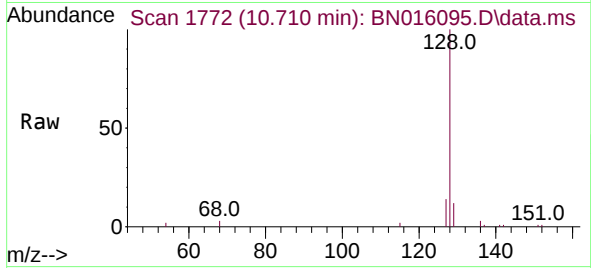
mohammad
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Quant Time: Aug 27 08:17:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
Response via : Initial Calibration

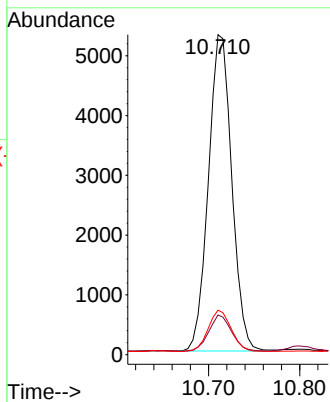
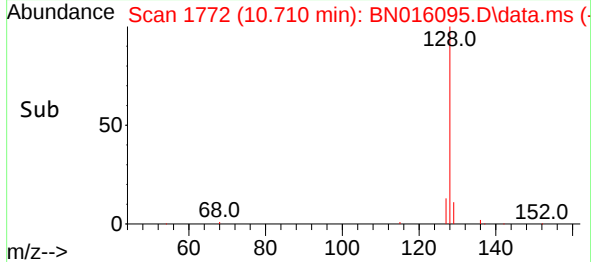




#5
Naphthalene
Concen: 0.553 ng/ul
RT: 10.710 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



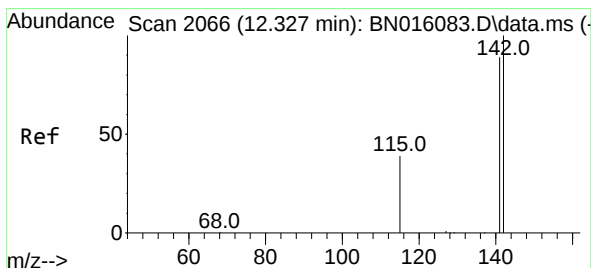
Tgt Ion:	128	Resp:	9440
Ion Ratio	100	Lower	Upper
128	100		
129	12.4	9.7	14.5
127	13.9	11.1	16.7



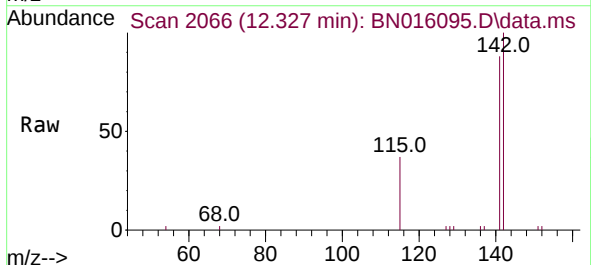
Instrument :
BNA_N
ClientSampled :
C0AS6

Manual Integrations
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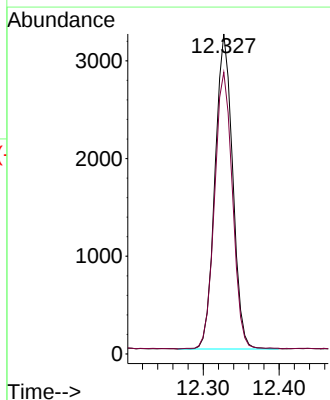
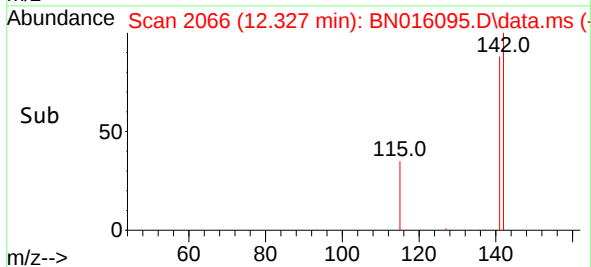
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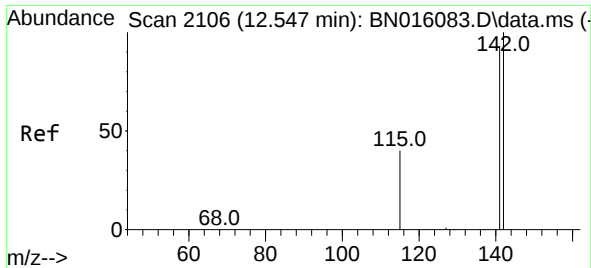


#7
2-Methylnaphthalene
Concen: 0.448 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17

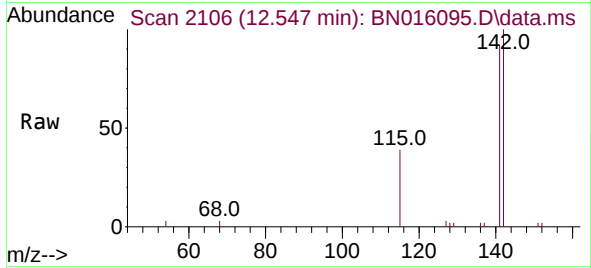


Tgt Ion:	142	Resp:	5175
Ion Ratio	100	Lower	Upper
142	100		
141	89.5	69.8	104.6

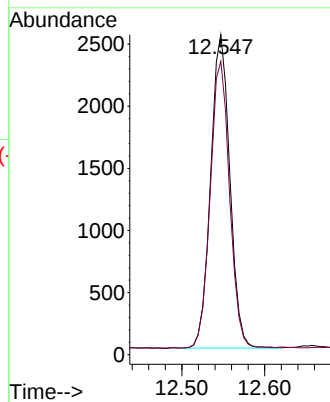
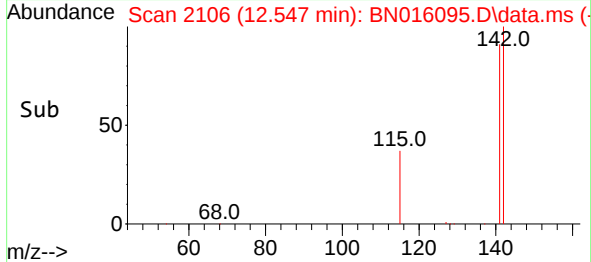




#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.547 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



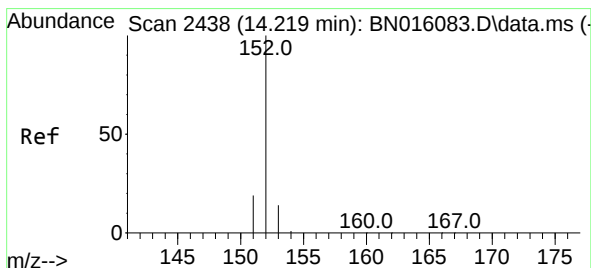
Tgt Ion:142 Resp: 4071
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2



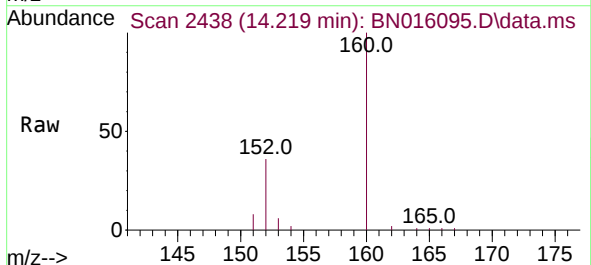
Instrument :
BNA_N
ClientSampled :
C0AS6

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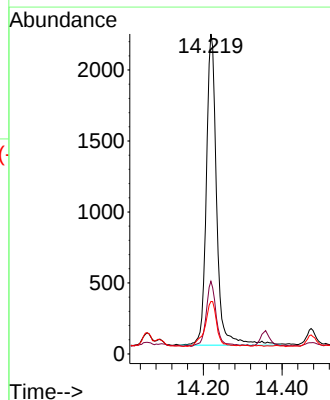
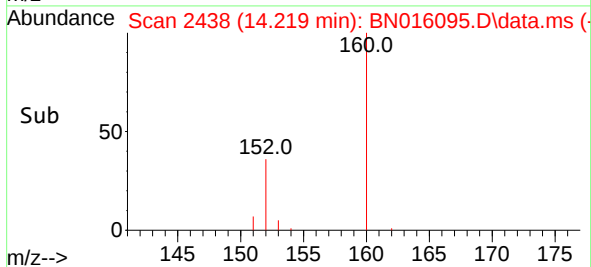
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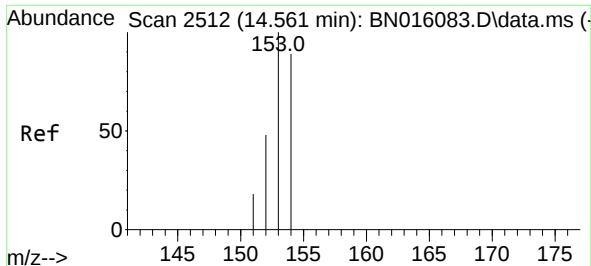


#10
Acenaphthylene
Concen: 0.261 ng/ul
RT: 14.219 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



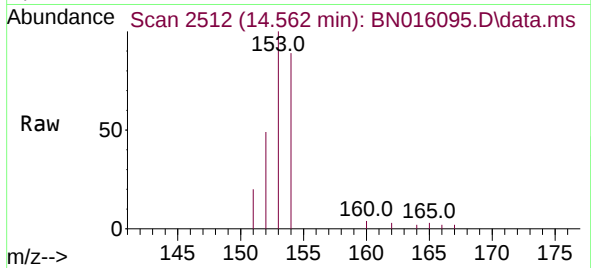
Tgt Ion:152 Resp: 3988
Ion Ratio Lower Upper
152 100
151 22.7 17.0 25.6
153 16.4 11.8 17.6





#11
Acenaphthene
Concen: 0.265 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17

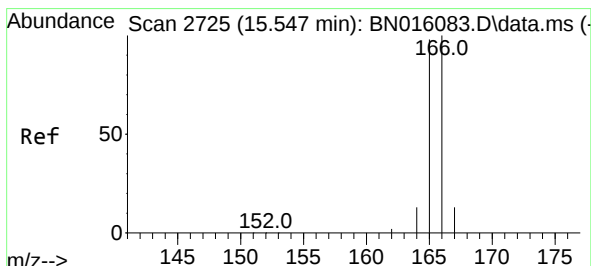
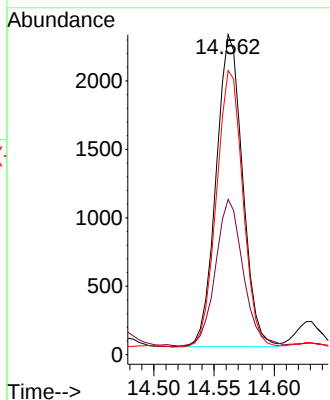
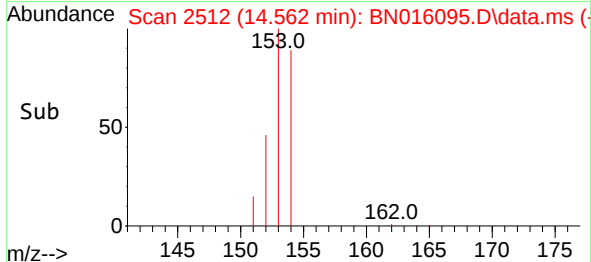
Instrument :
BNA_N
ClientSampled :
C0AS6



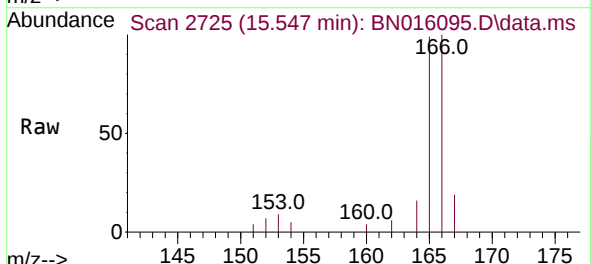
Tgt Ion:153 Resp: 3492
Ion Ratio Lower Upper
153 100
152 48.5 38.3 57.5
154 88.8 70.2 105.2

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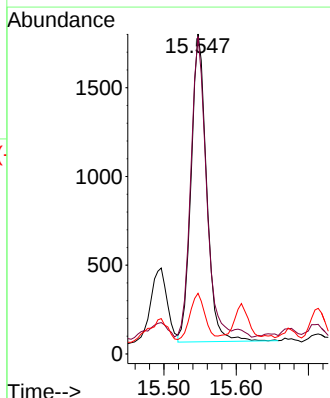
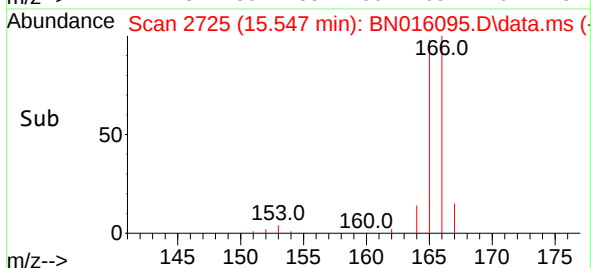
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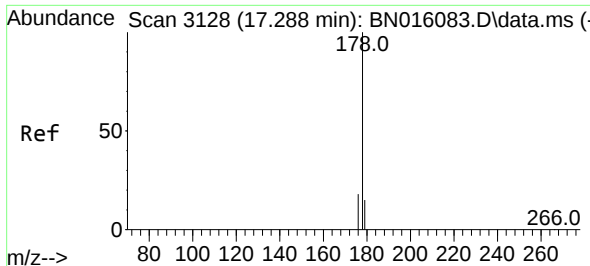


#12
Fluorene
Concen: 0.166 ng/ul
RT: 15.547 min Scan# 2725
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



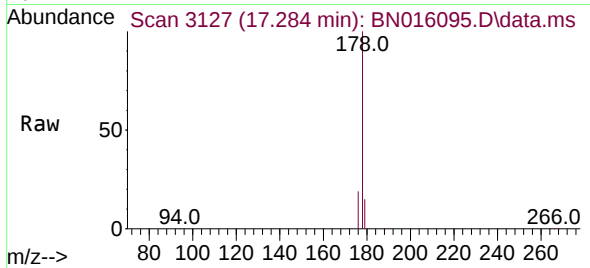
Tgt Ion:166 Resp: 2588
Ion Ratio Lower Upper
166 100
165 99.2 76.2 114.2
167 19.0 11.5 17.3#





#15
Phenanthrene
Concen: 2.158 ng/ul
RT: 17.284 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17

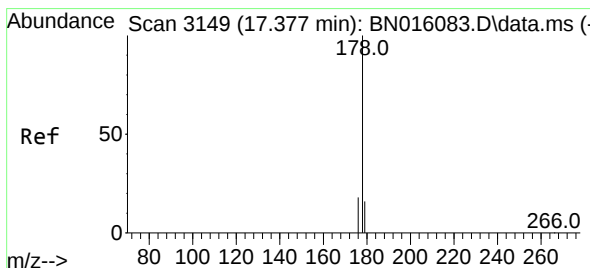
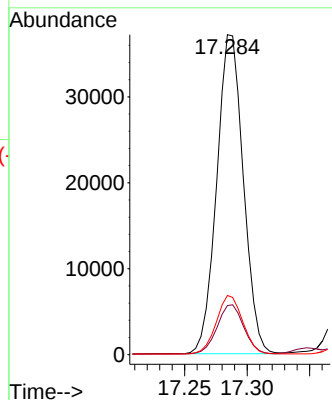
Instrument :
BNA_N
ClientSampled :
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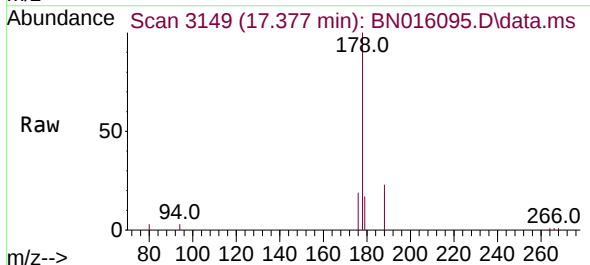
Tgt Ion:178 Resp: 54969
Ion Ratio Lower Upper
178 100
179 15.3 13.4 20.2
176 18.5 15.0 22.4

Manual Integrations
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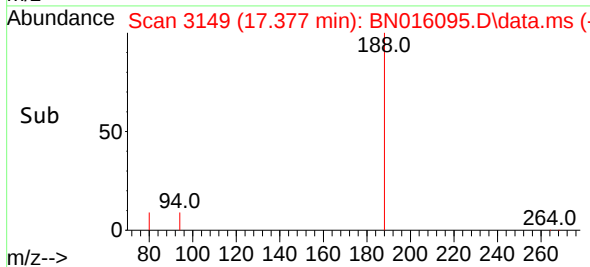
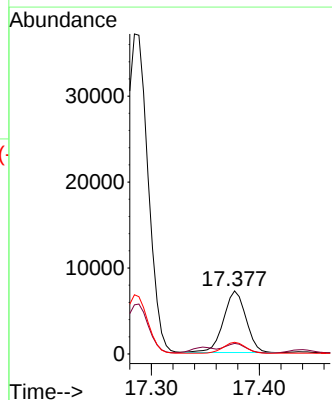
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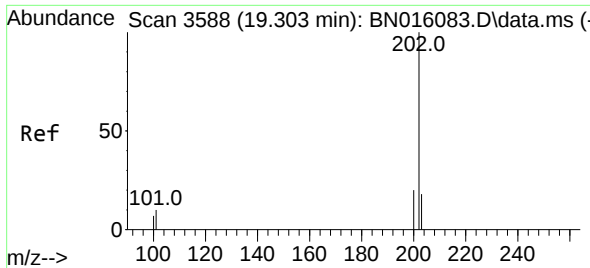


#16
Anthracene
Concen: 0.471 ng/ul
RT: 17.377 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17

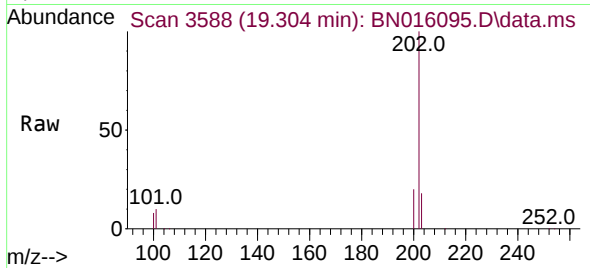


Tgt Ion:178 Resp: 10365
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.0
176 18.6 14.9 22.3

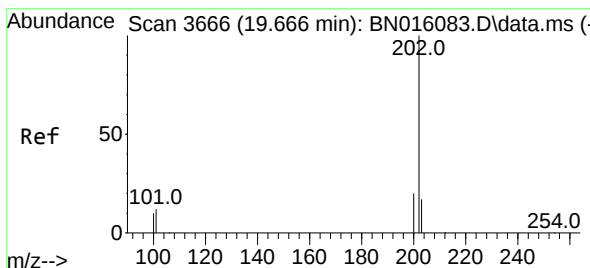
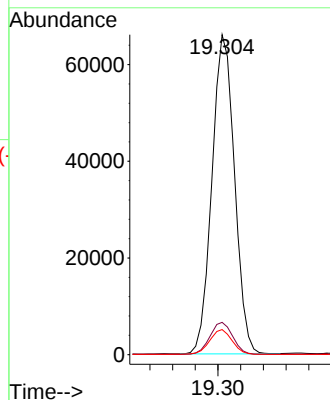
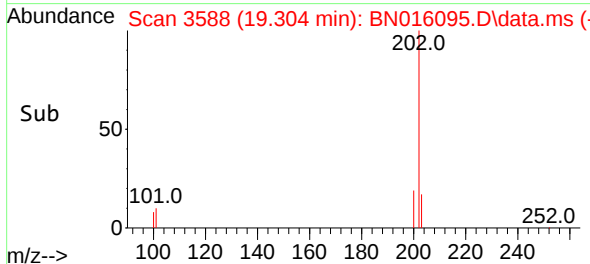




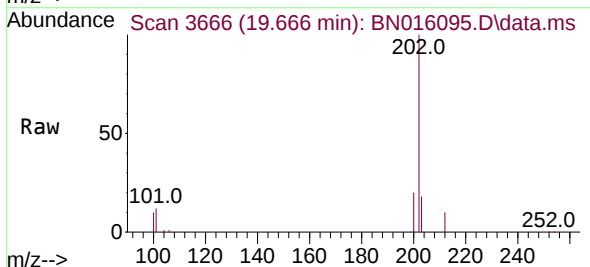
#19
Fluoranthene
Concen: 3.247 ng/ul
RT: 19.304 min Scan# 3588
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



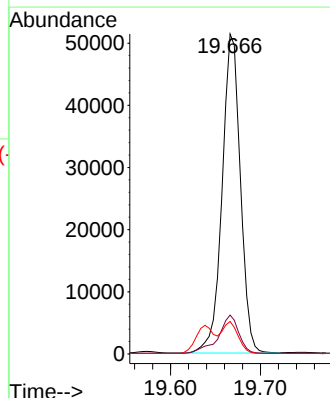
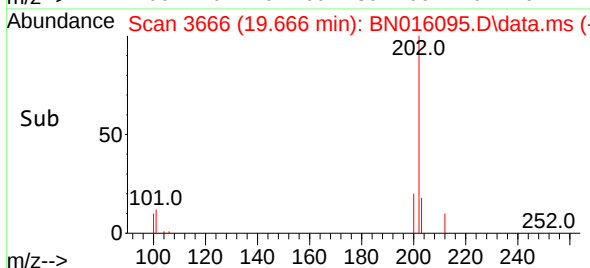
Tgt Ion:202 Resp: 91175
Ion Ratio Lower Upper
202 100
101 10.1 8.3 12.5
100 7.8 6.6 9.8



#20
Pyrene
Concen: 2.559 ng/ul
RT: 19.666 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



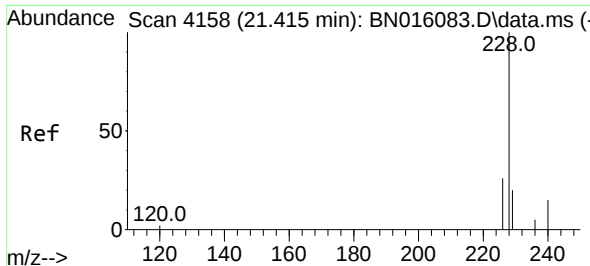
Tgt Ion:202 Resp: 72349
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 10.1 8.4 12.6



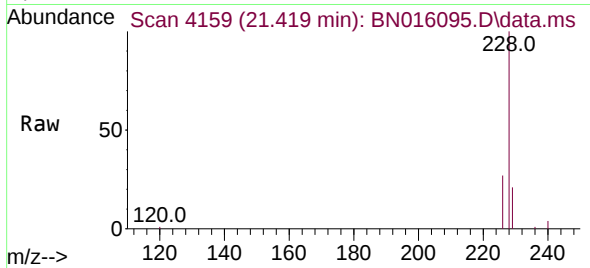
Instrument :
BNA_N
ClientSampled :
C0AS6

Manual Integrations
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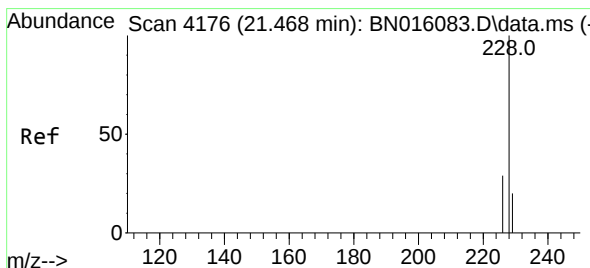
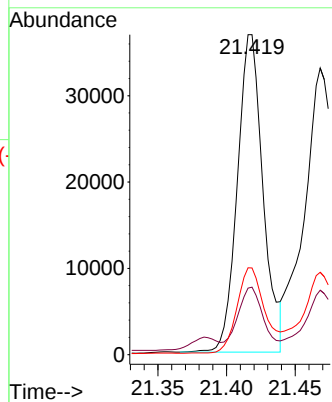
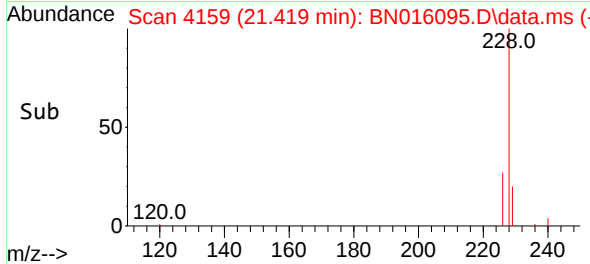
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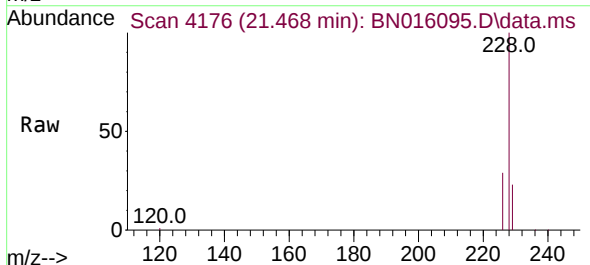
#21
Benzo(a)anthracene
Concen: 1.710 ng/ul
RT: 21.419 min Scan# 4159
Delta R.T. 0.003 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



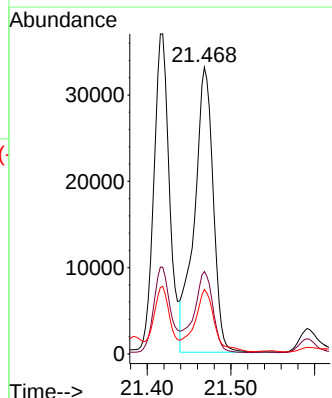
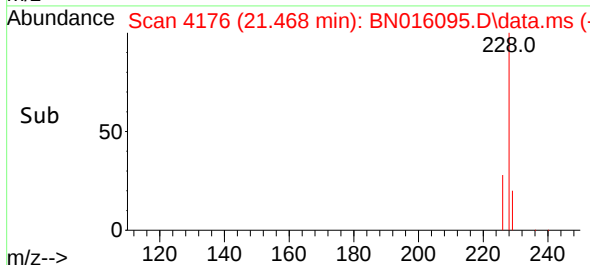
Tgt Ion:228 Resp: 47858
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 27.1 20.6 31.0



#22
Chrysene
Concen: 1.711 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



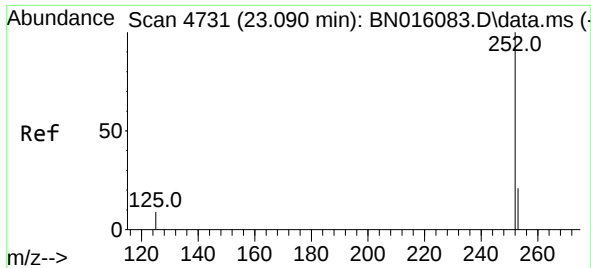
Tgt Ion:228 Resp: 51522
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.0
229 22.5 16.4 24.6



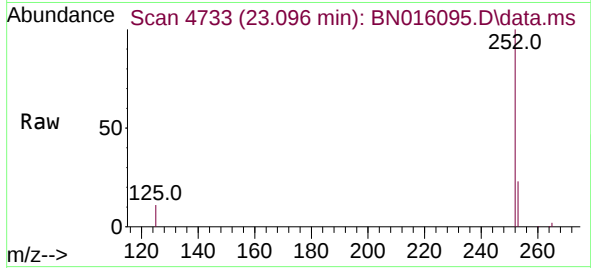
Instrument :
BNA_N
ClientSampled :
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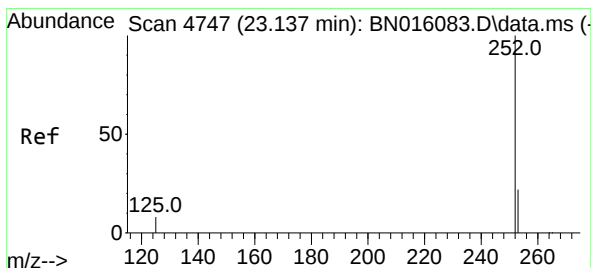
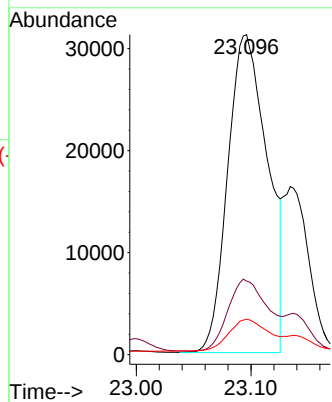
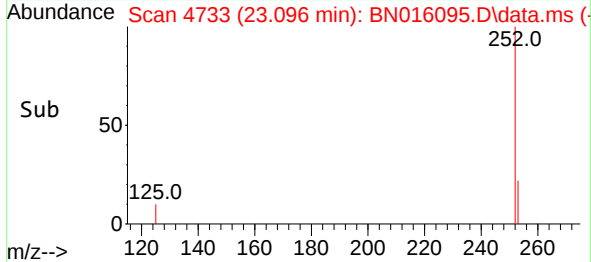
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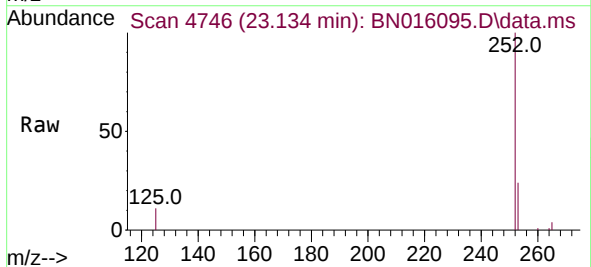
#24
Benzo(b)fluoranthene
Concen: 2.441 ng/ul m
RT: 23.096 min Scan# 4733
Delta R.T. 0.006 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



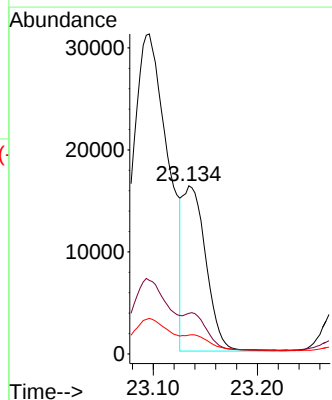
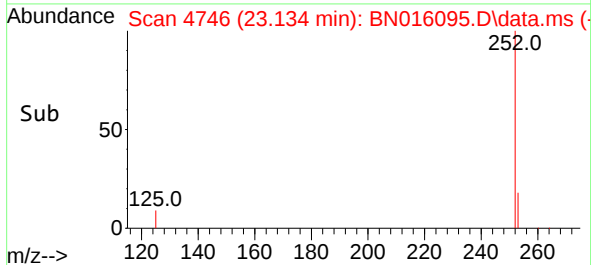
Tgt Ion:252 Resp: 74938
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.6
125 11.1 0.0 21.6



#25
Benzo(k)fluoranthene
Concen: 0.812 ng/ul m
RT: 23.134 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



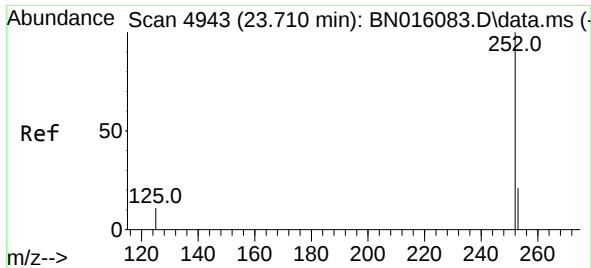
Tgt Ion:252 Resp: 25119
Ion Ratio Lower Upper
252 100
253 24.2 20.7 31.1
125 11.2 8.2 12.4



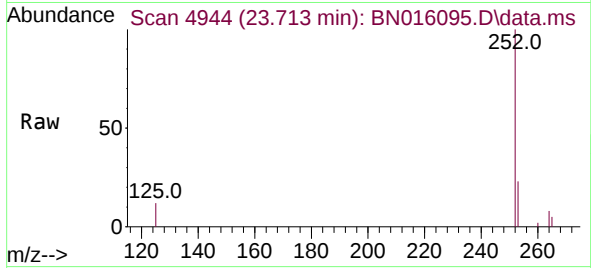
Instrument :
BNA_N
ClientSampled :
C0AS6

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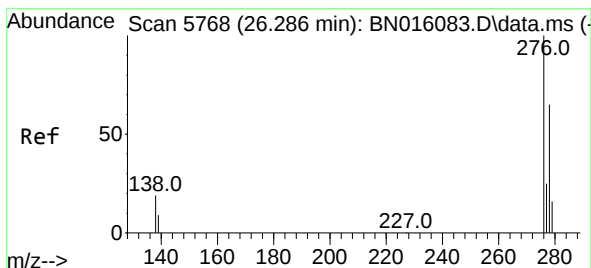
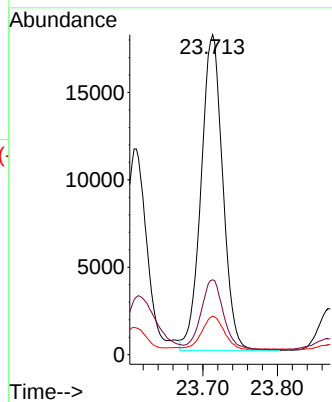
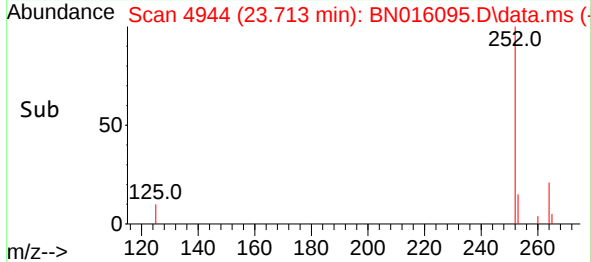
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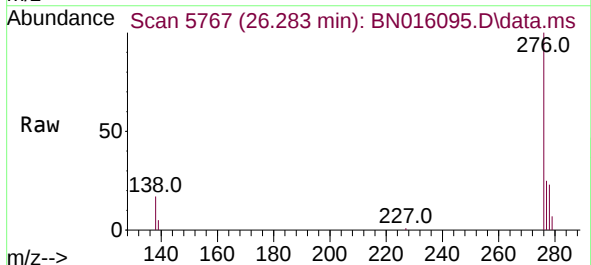
#26
Benzo(a)pyrene
Concen: 1.410 ng/ul
RT: 23.713 min Scan# 4944
Delta R.T. 0.003 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



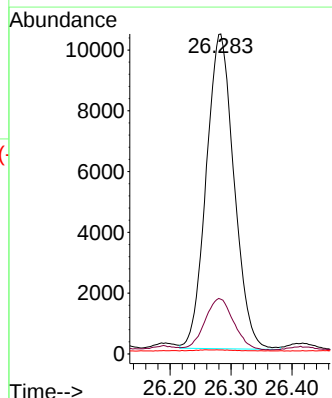
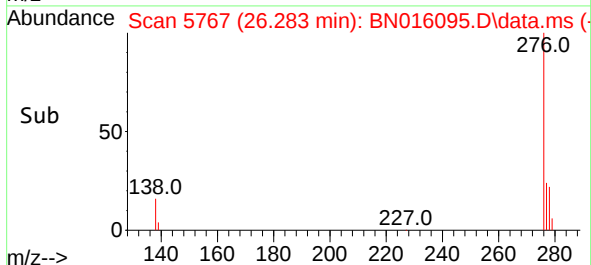
Tgt Ion:252 Resp: 36406
Ion Ratio Lower Upper
252 100
253 23.4 22.1 33.1
125 12.0 10.2 15.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.959 ng/ul
RT: 26.283 min Scan# 5767
Delta R.T. -0.007 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



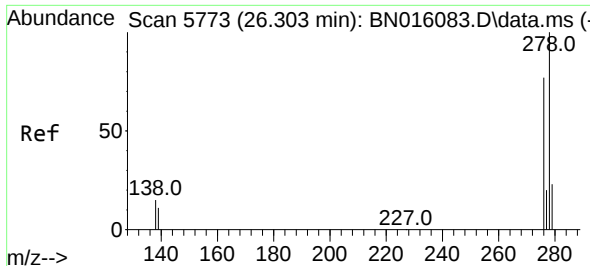
Tgt Ion:276 Resp: 32745
Ion Ratio Lower Upper
276 100
138 17.0 15.1 22.7
227 0.5 0.1 0.1#



Instrument :
BNA_N
ClientSampled :
C0AS6

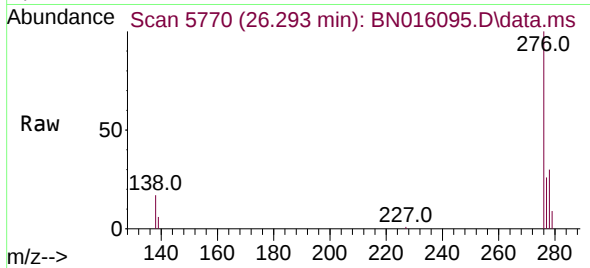
Manual Integrations
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#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.293 min Scan# 5770
Delta R.T. -0.007 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17

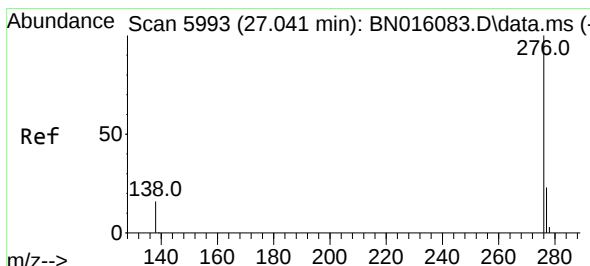
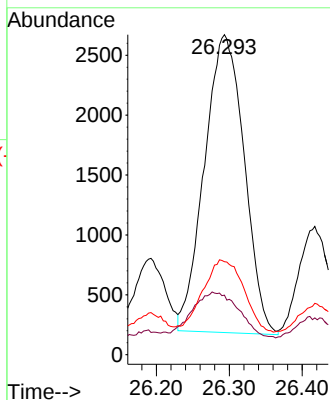
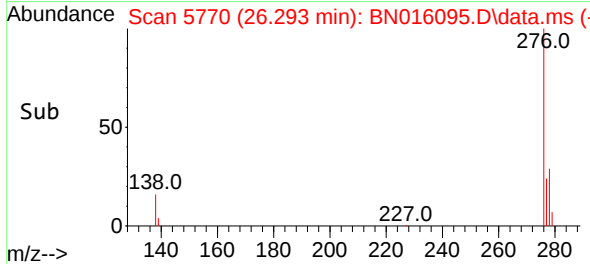
Instrument :
BNA_N
ClientSampleId :
C0AS6



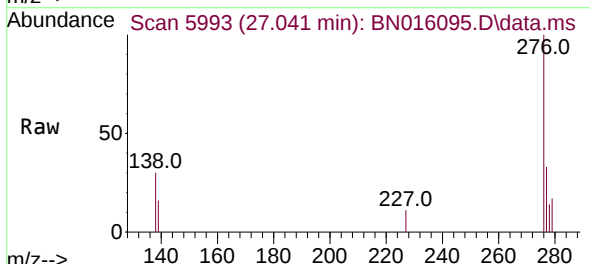
Tgt Ion:278 Resp: 9422
Ion Ratio Lower Upper
278 100
139 18.6 12.0 18.0#
279 29.1 21.0 31.6

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.112 ng/ul
RT: 27.041 min Scan# 5993
Delta R.T. 0.003 min
Lab File: BN016095.D
Acq: 27 Aug 2021 07:17



Tgt Ion:276 Resp: 3294
Ion Ratio Lower Upper
276 100
138 30.0 13.8 20.8#
277 33.0 20.5 30.7#

