

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016183.D
 Acq On : 03 Sep 2021 20:18
 Operator : CG/JU
 Sample : M3474-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

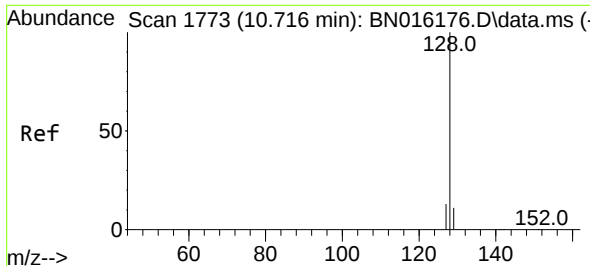
mohammad
 9/7/2021 11:33:04 AM

Quant Time: Sep 04 03:59:09 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

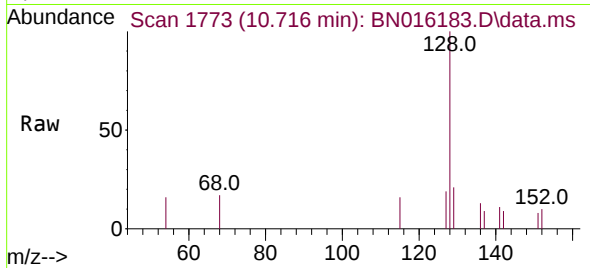
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.867	152	2479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	10216	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.507	164	6369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.256	188	12793	0.400	ng/ul	0.00
17) Chrysene-d12	21.444	240	12254	0.400	ng/ul	# 0.00
23) Perylene-d12	23.841	264	12628	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	5749	1.992	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	5287	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.286	212	15558	0.473	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.716	128	1185	0.044	ng/ul#	81
7) 2-Methylnaphthalene	12.333	142	408	0.023	ng/ul	89
10) Acenaphthylene	14.230	152	641	0.027	ng/ul#	52
14) Pentachlorophenol	16.910	266	122	0.059	ng/ul#	86
15) Phenanthrene	17.298	178	3049	0.083	ng/ul#	91
19) Fluoranthene	19.319	202	7360	0.180	ng/ul#	97
20) Pyrene	19.681	202	5984m	0.145	ng/ul	
21) Benzo(a)anthracene	21.427	228	3104	0.083	ng/ul#	46
22) Chrysene	21.479	228	4848	0.115	ng/ul#	57
24) Benzo(b)fluoranthene	23.113	252	6569m	0.138	ng/ul	
25) Benzo(k)fluoranthene	23.157	252	2932m	0.061	ng/ul	
26) Benzo(a)pyrene	23.739	252	3572	0.089	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.323	276	4484	0.086	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.340	278	1482	0.035	ng/ul#	1
29) Benzo(g,h,i)perylene	27.091	276	5165	0.114	ng/ul#	44

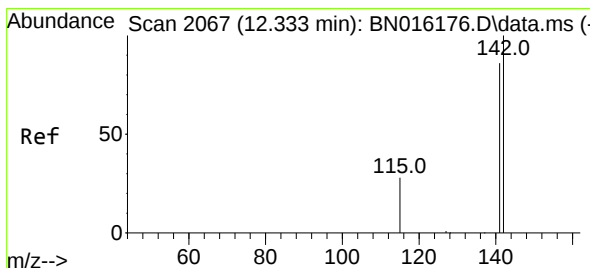
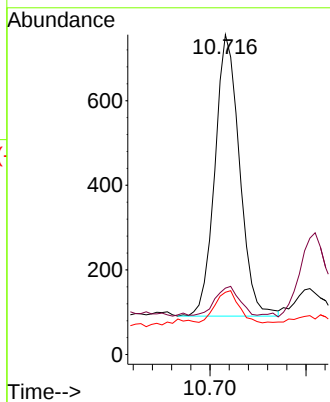
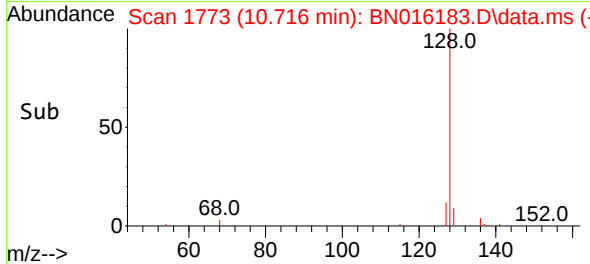
(#) = qualifier out of range (m) = manual integration (+) = signals summed



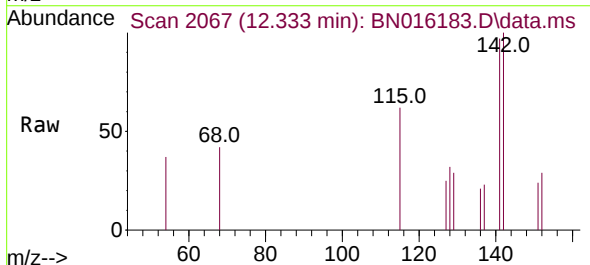
#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18



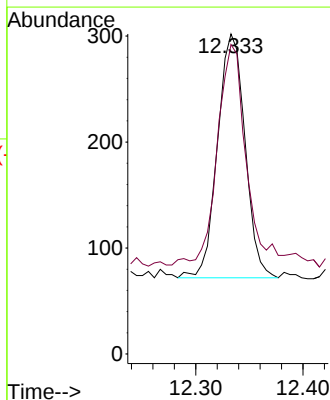
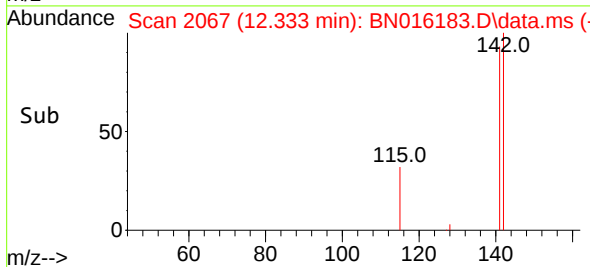
Tgt Ion:128 Resp: 1185
Ion Ratio Lower Upper
128 100
129 20.8 9.4 14.2#
127 19.4 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18



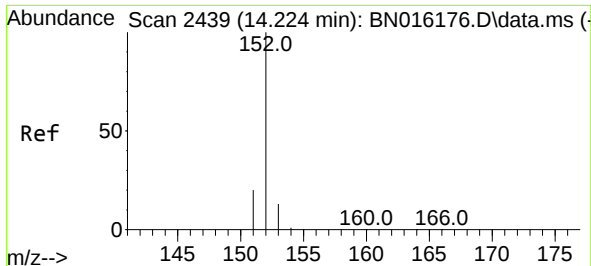
Tgt Ion:142 Resp: 408
Ion Ratio Lower Upper
142 100
141 97.1 69.5 104.3



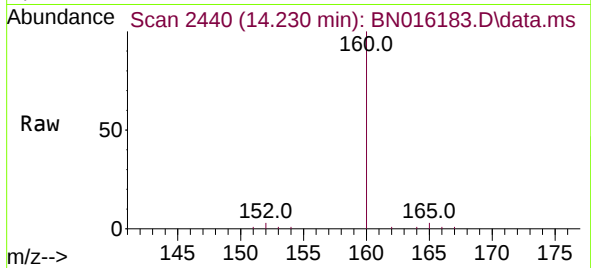
Instrument :
BNA_N
ClientSampled :
C0AC2

Manual Integrations
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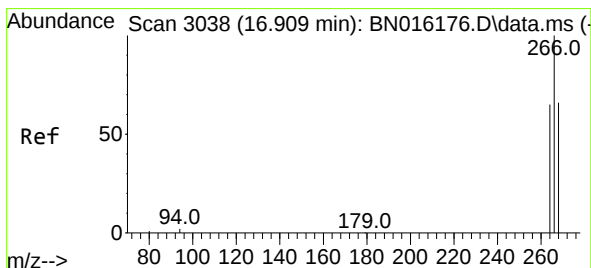
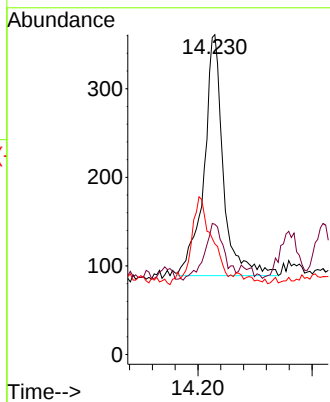
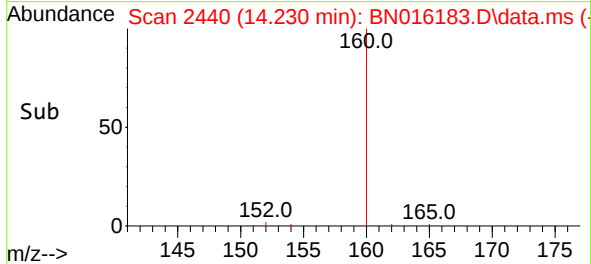
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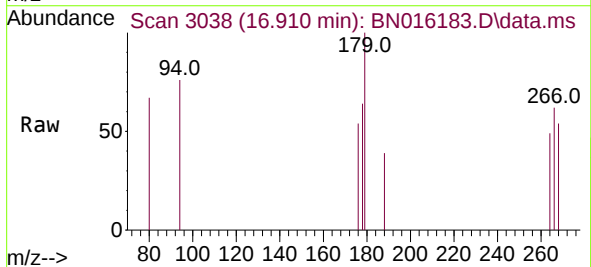
#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.230 min Scan# 2440
Delta R.T. 0.006 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18



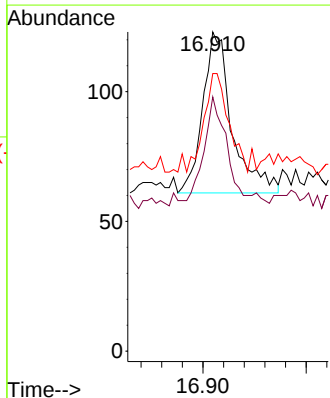
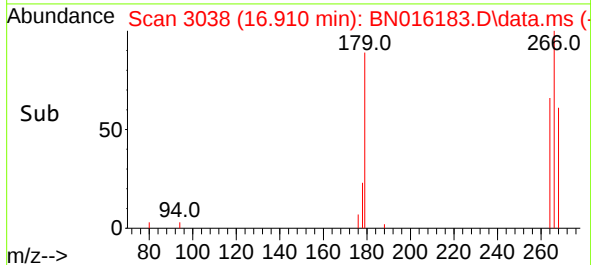
Tgt Ion:152 Resp: 641
Ion Ratio Lower Upper
152 100
151 40.7 15.8 23.6#
153 34.6 11.2 16.8#



#14
Pentachlorophenol
Concen: 0.059 ng/ul
RT: 16.910 min Scan# 3038
Delta R.T. 0.001 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18



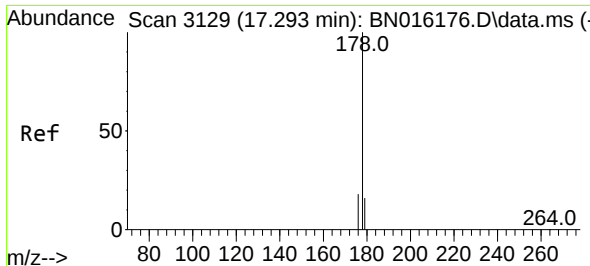
Tgt Ion:266 Resp: 122
Ion Ratio Lower Upper
266 100
264 54.1 50.3 75.5
268 50.8 51.4 77.2#



Instrument :
BNA_N
ClientSampled :
C0AC2

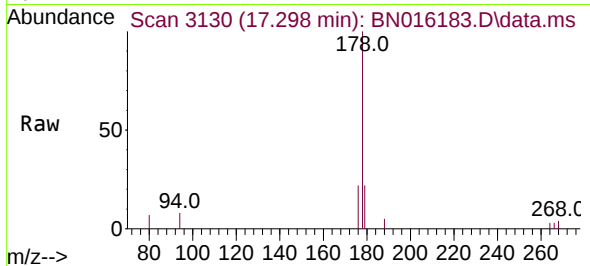
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#15
Phenanthrene
Concen: 0.083 ng/uI
RT: 17.298 min Scan# 3130
Delta R.T. 0.005 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18

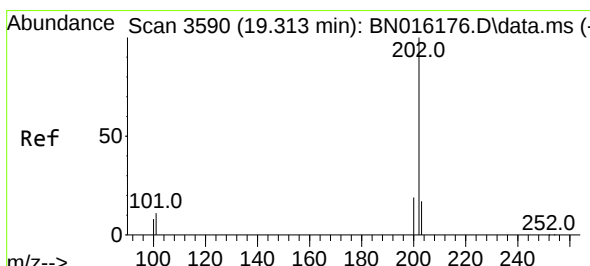
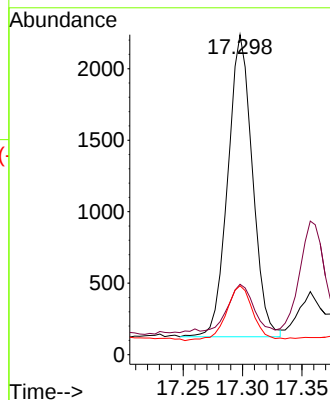
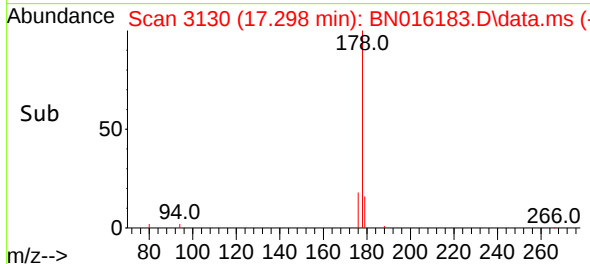
Instrument :
BNA_N
ClientSampled :
C0AC2



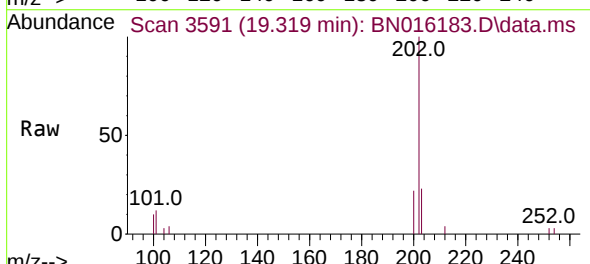
Tgt Ion:178 Resp: 3049
Ion Ratio Lower Upper
178 100
179 22.0 12.9 19.3#
176 21.5 15.2 22.8

Manual Integrations
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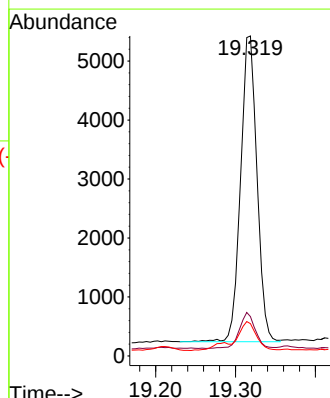
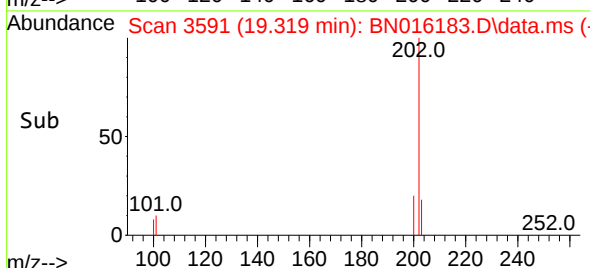
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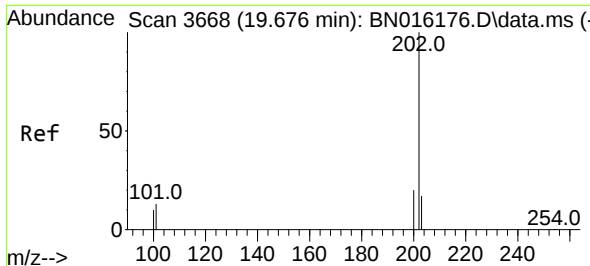


#19
Fluoranthene
Concen: 0.180 ng/uI
RT: 19.319 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18



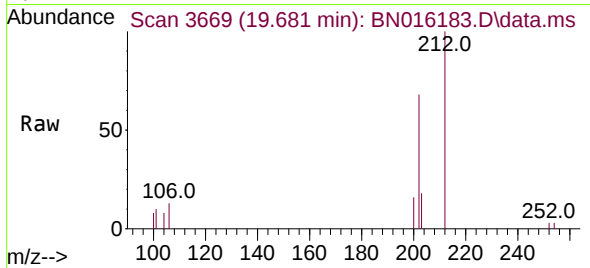
Tgt Ion:202 Resp: 7360
Ion Ratio Lower Upper
202 100
101 12.3 9.2 13.8
100 10.1 6.7 10.1#





#20
Pyrene
Concen: 0.145 ng/ul m
RT: 19.681 min Scan# 3669
Delta R.T. 0.006 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18

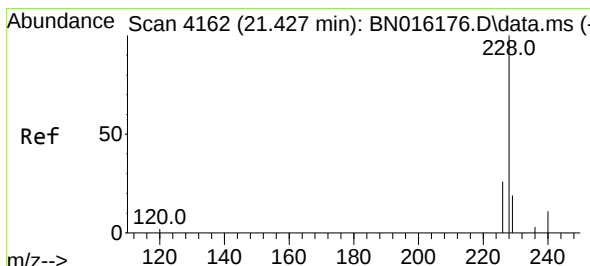
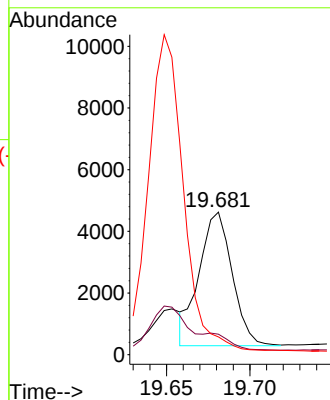
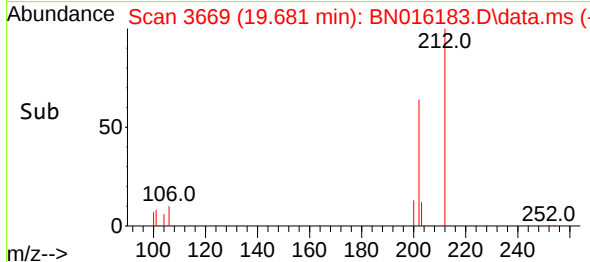
Instrument :
BNA_N
ClientSampled :
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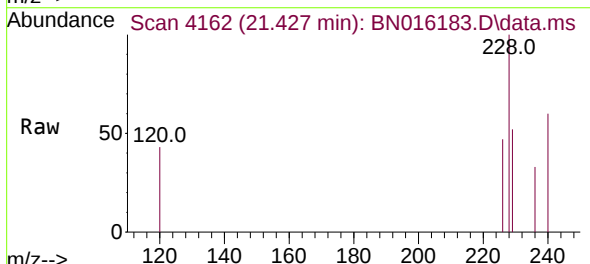
Tgt Ion:202 Resp: 5984
Ion Ratio Lower Upper
202 100
101 14.3 11.5 17.3
100 12.4 9.8 14.8

Manual Integrations
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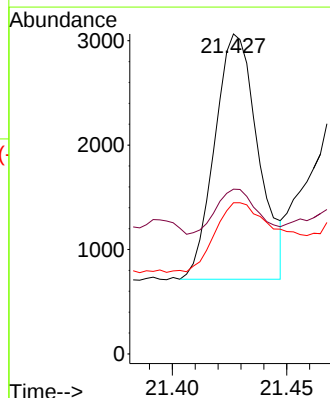
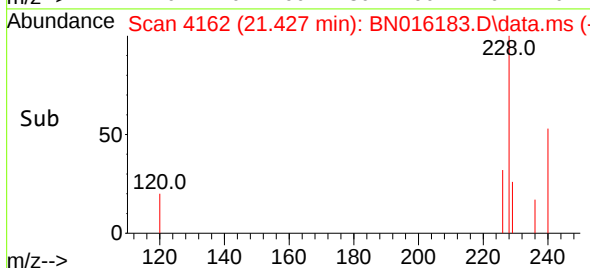
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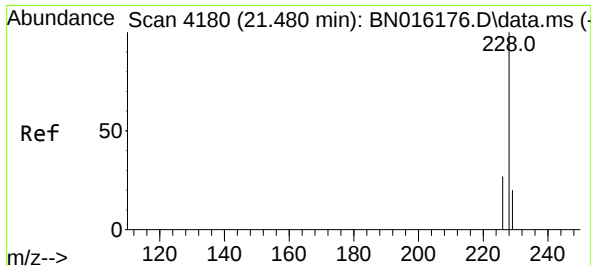


#21
Benzo(a)anthracene
Concen: 0.083 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. -0.001 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18

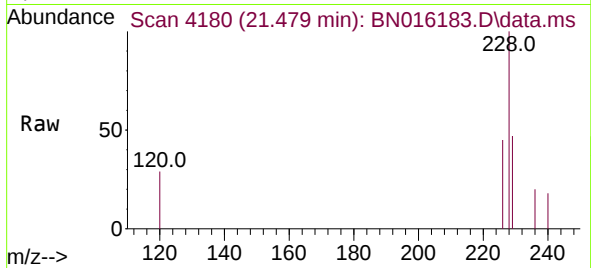


Tgt Ion:228 Resp: 3104
Ion Ratio Lower Upper
228 100
229 51.5 15.7 23.5#
226 47.2 20.8 31.2#

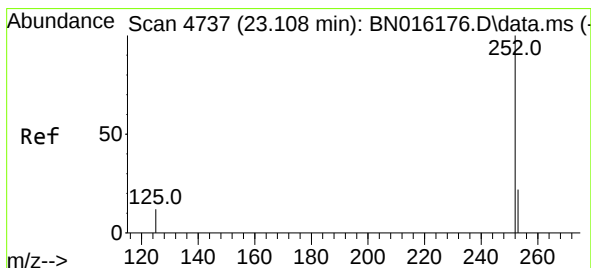
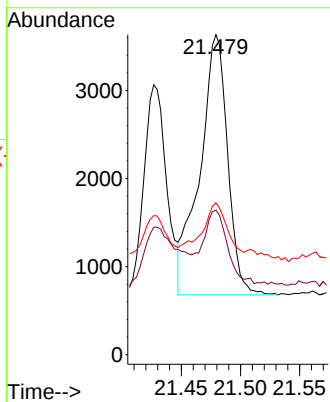
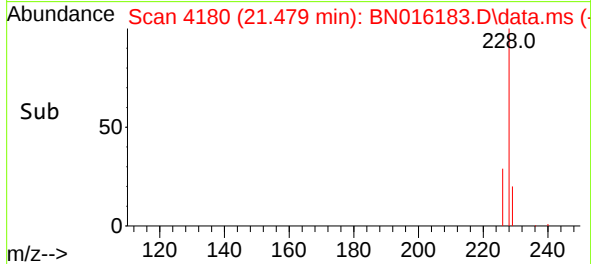




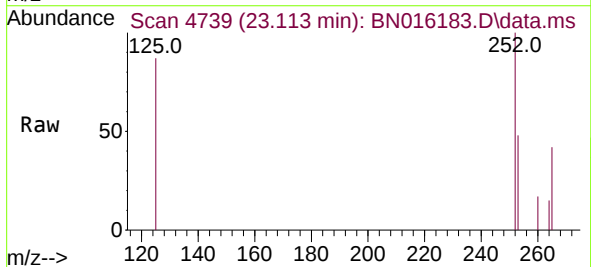
#22
Chrysene
Concen: 0.115 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. -0.001 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18



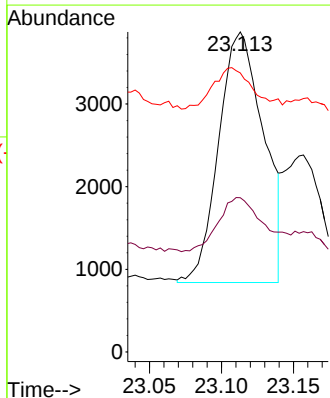
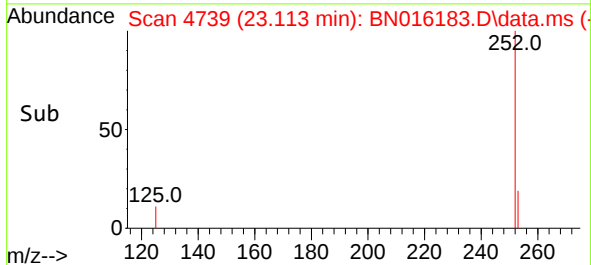
Tgt Ion:228 Resp: 4848
Ion Ratio Lower Upper
228 100
226 45.1 23.2 34.8#
229 47.5 15.6 23.4#



#24
Benzo(b)fluoranthene
Concen: 0.138 ng/ul m
RT: 23.113 min Scan# 4739
Delta R.T. 0.005 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18



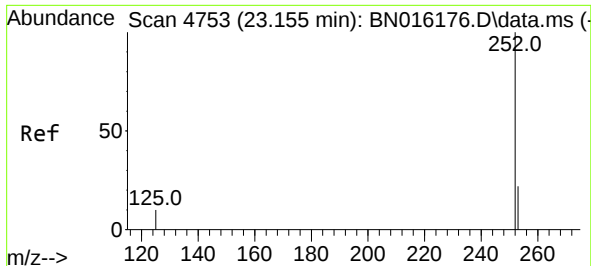
Tgt Ion:252 Resp: 6569
Ion Ratio Lower Upper
252 100
253 48.2 0.0 49.4
125 87.2 0.0 27.0#



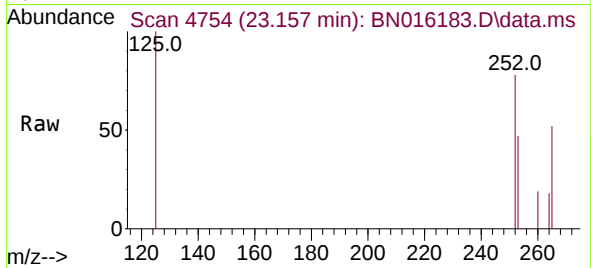
Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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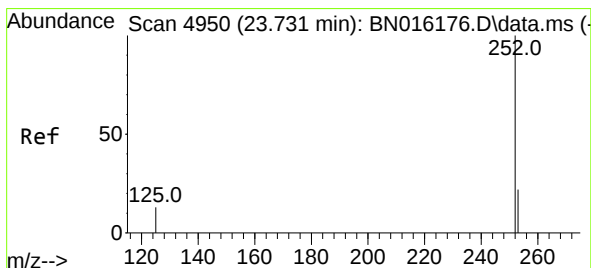
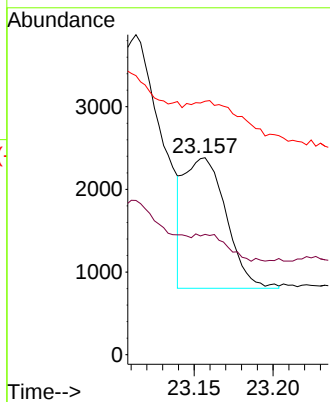
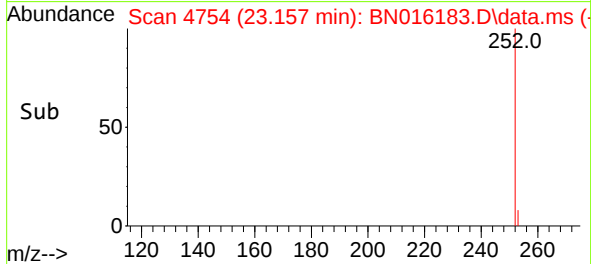
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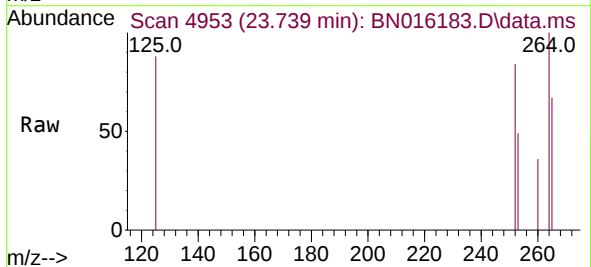
#25
Benzo(k)fluoranthene
Concen: 0.061 ng/ul m
RT: 23.157 min Scan# 4754
Delta R.T. 0.002 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18



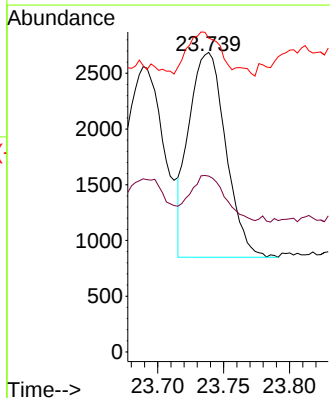
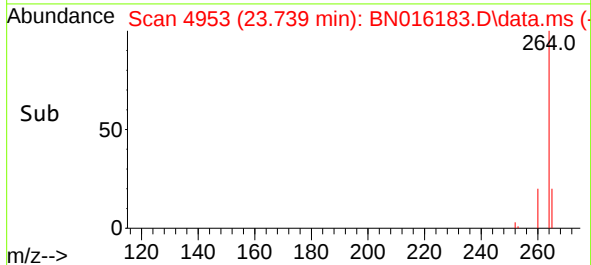
Tgt Ion:252 Resp: 2932
Ion Ratio Lower Upper
252 100
253 61.1 19.4 29.0#
125 128.7 10.9 16.3#



#26
Benzo(a)pyrene
Concen: 0.089 ng/ul
RT: 23.739 min Scan# 4953
Delta R.T. 0.008 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18



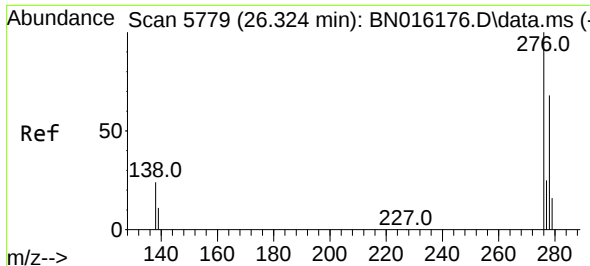
Tgt Ion:252 Resp: 3572
Ion Ratio Lower Upper
252 100
253 58.7 20.2 30.2#
125 104.7 12.6 18.8#



Instrument :
BNA_N
ClientSampleId :
C0AC2

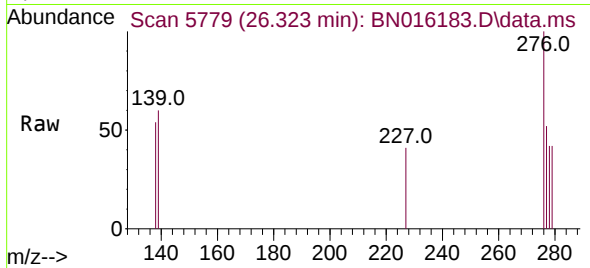
Manual Integrations
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 26.323 min Scan# 5779
Delta R.T. -0.001 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18

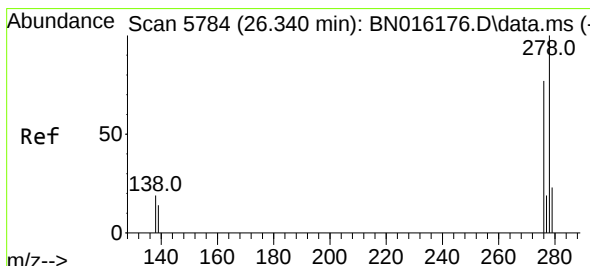
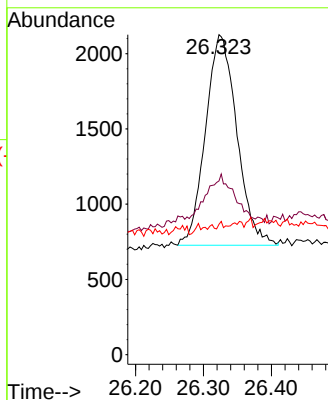
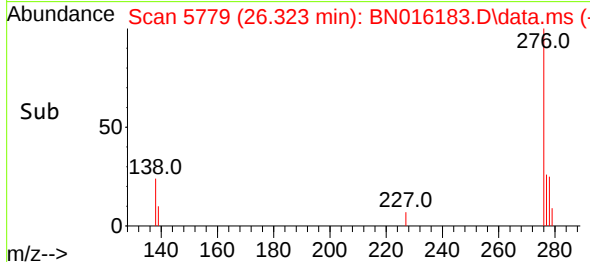
Instrument :
BNA_N
ClientSampled :
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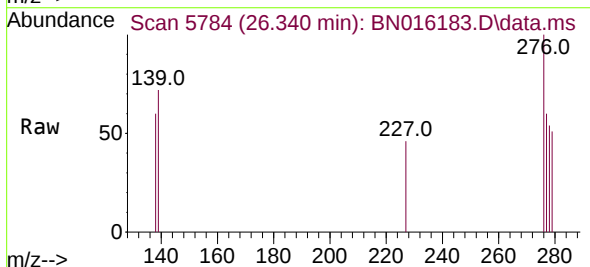
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Ion Ratio Lower Upper
276 100
138 24.0 22.7 34.1
227 0.7 0.2 0.2#

Manual Integrations
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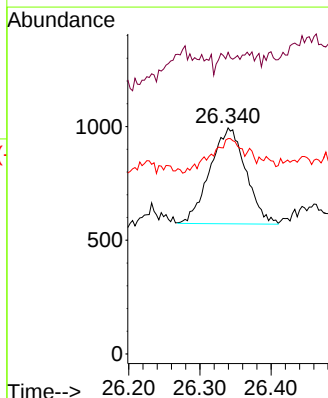
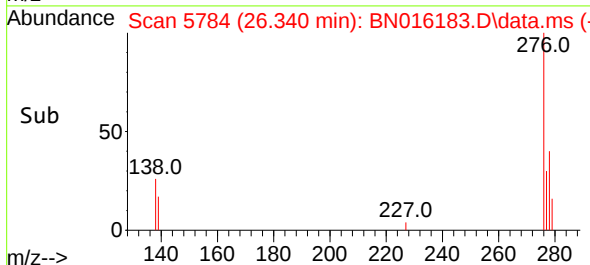
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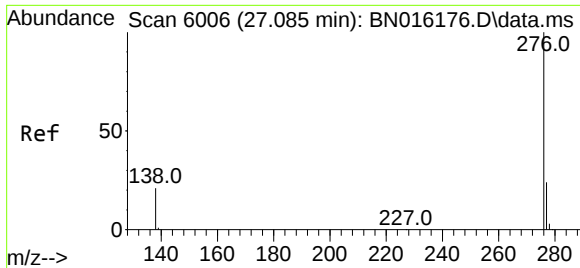


#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 26.340 min Scan# 5784
Delta R.T. -0.001 min
Lab File: BN016183.D
Acq: 03 Sep 2021 20:18

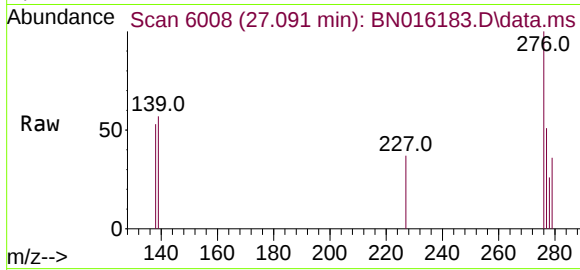


Tgt Ion:278 Resp: 1482
Ion Ratio Lower Upper
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139 133.4 15.1 22.7#
279 95.3 20.5 30.7#

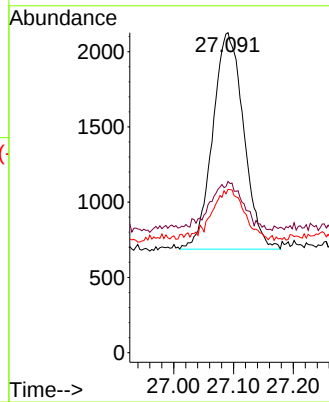
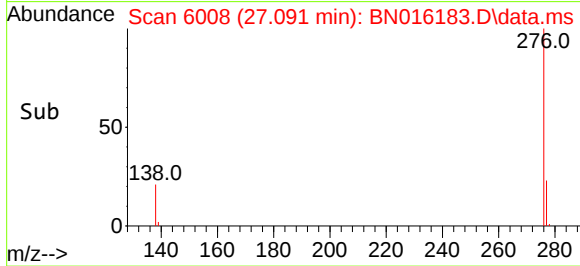




#29
 Benzo(g,h,i)perylene
 Concen: 0.114 ng/ul
 RT: 27.091 min Scan# 6008
 Delta R.T. 0.006 min
 Lab File: BN016183.D
 Acq: 03 Sep 2021 20:18



Tgt Ion:	276	Resp:	5165
Ion Ratio	Lower	Upper	
276	100		
138	53.5	19.3	28.9#
277	51.0	19.8	29.8#



Instrument :
 BNA_N
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:33:04 AM