

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
 Data File : BN016237.D
 Acq On : 07 Sep 2021 15:46
 Operator : CG/JU
 Sample : M3486-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY8

Manual Integrations
 APPROVED

mohammad
 9/8/2021 7:00:40 AM

Quant Time: Sep 07 16:15:08 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 : Tue Sep 07 12:55:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	2281	0.400	ng/ul	0.00
4) Naphthalene-d8	10.656	136	9804	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.493	164	6347	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.243	188	13243	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	13491	0.400	ng/ul	0.00
23) Perylene-d12	23.821	264	15224	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.298	96	4021	1.515	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	3063	0.222	ng/ul	0.00
18) Fluoranthene-d10	19.272	212	8407	0.232	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.705	128	93370	3.577	ng/ul	99
7) 2-Methylnaphthalene	12.322	142	70637	4.148	ng/ul	100
8) 1-Methylnaphthalene	12.536	142	53439	3.144	ng/ul	100
10) Acenaphthylene	14.216	152	74957	3.122	ng/ul	99
11) Acenaphthene	14.558	153	3006	0.150	ng/ul#	95
12) Fluorene	15.543	166	5637	0.245	ng/ul#	85
14) Pentachlorophenol	16.897	266	307	0.143	ng/ul	99
15) Phenanthrene	17.285	178	105422	2.762	ng/ul	98
16) Anthracene	17.374	178	92954	2.820	ng/ul	98
19) Fluoranthene	19.305	202	689019	15.333	ng/ul	97
20) Pyrene	19.667	202	650831	14.299	ng/ul#	94
21) Benzo(a)anthracene	21.415	228	358702	8.694	ng/ul	96
22) Chrysene	21.468	228	468367	10.048	ng/ul	98
24) Benzo(b)fluoranthene	23.096	252	855175m	14.929	ng/ul	
25) Benzo(k)fluoranthene	23.139	252	282244m	4.898	ng/ul	
26) Benzo(a)pyrene	23.718	252	450074	9.263	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.293	276	439382	6.998	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.303	278	104560	2.021	ng/ul	98
29) Benzo(g,h,i)perylene	27.054	276	368484	6.761	ng/ul	97

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

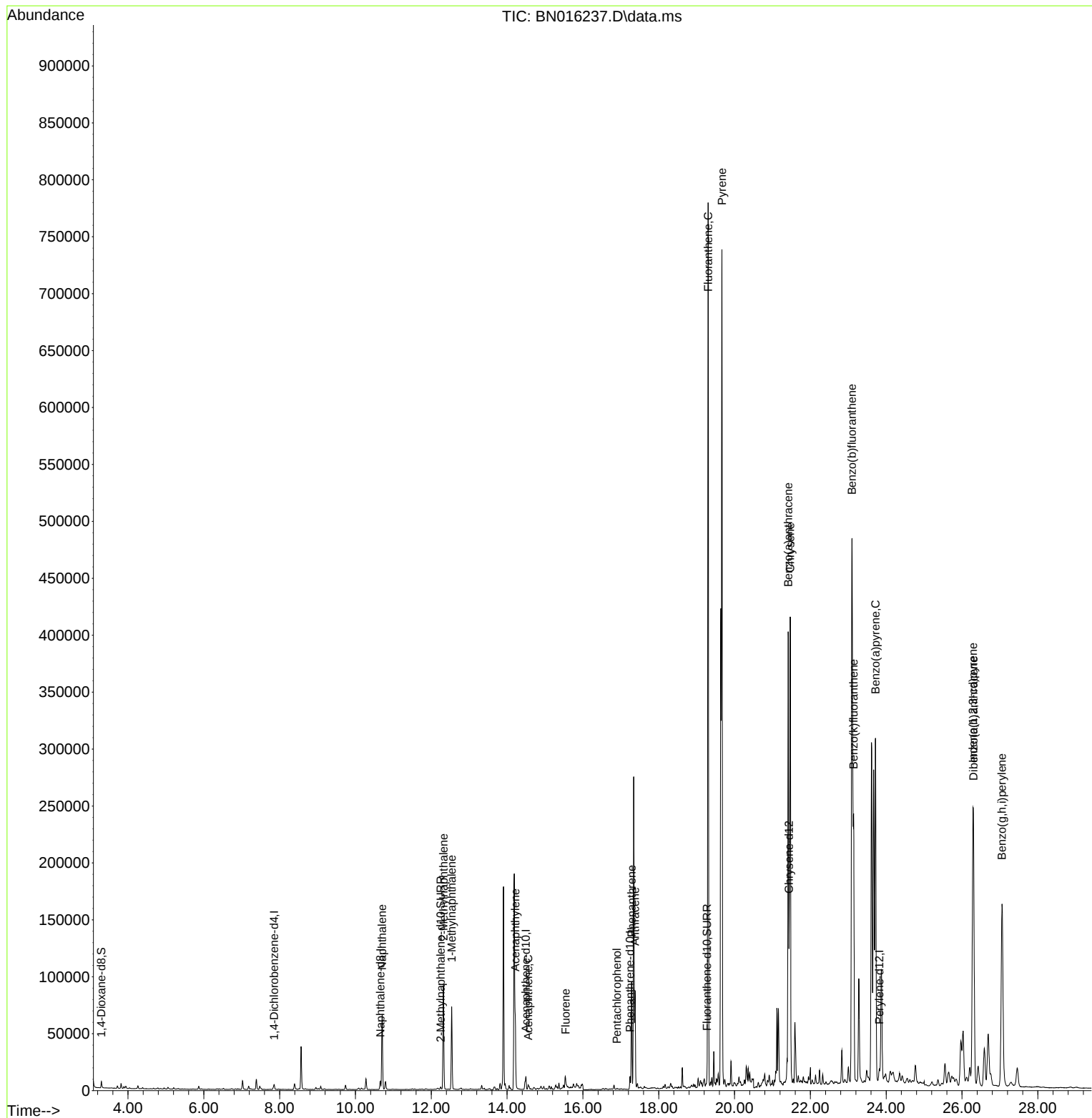
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016237.D
Acq On : 07 Sep 2021 15:46
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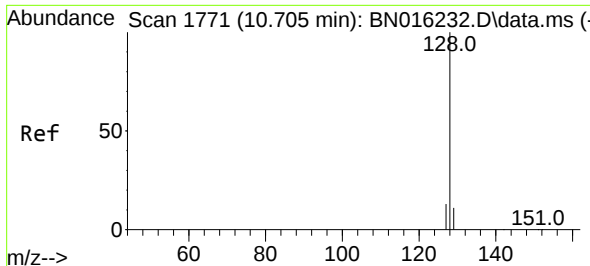
Instrument :
BNA_N
ClientSampleId :
C0AY8

Manual Integrations
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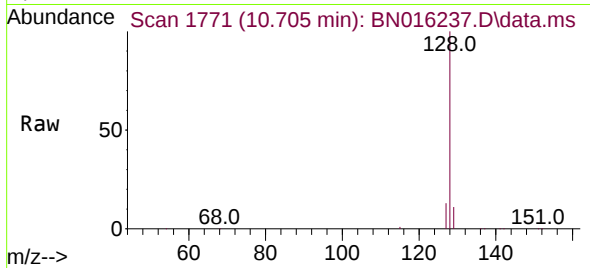
mohammad
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Quant Time: Sep 07 16:15:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
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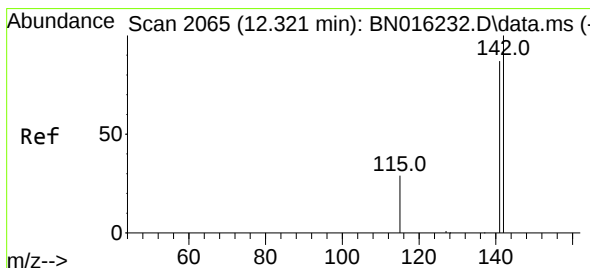
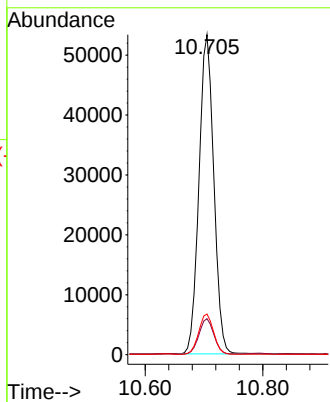
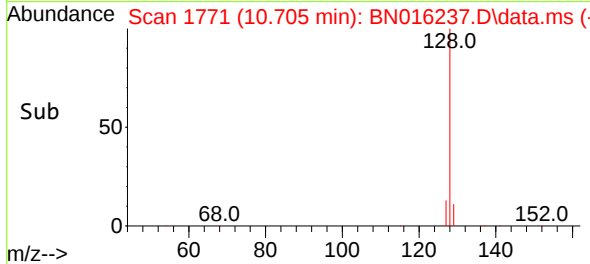




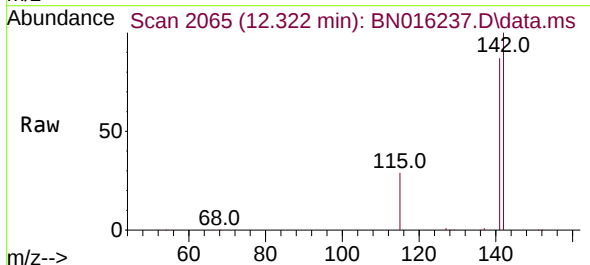
#5
Naphthalene
Concen: 3.577 ng/ul
RT: 10.705 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46



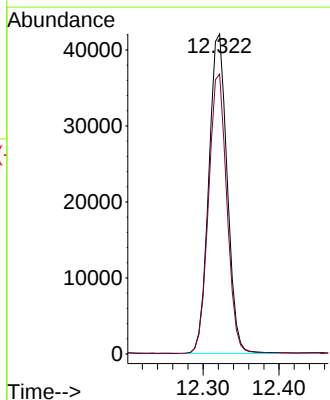
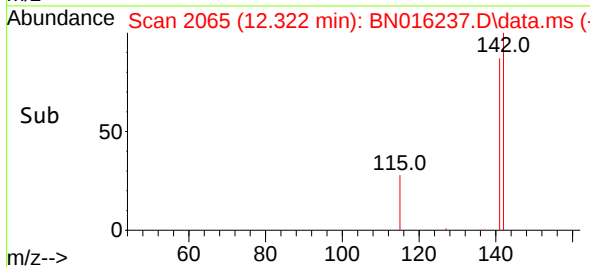
Tgt Ion:128 Resp: 93370
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 12.7 10.6 15.8



#7
2-Methylnaphthalene
Concen: 4.148 ng/ul
RT: 12.322 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46



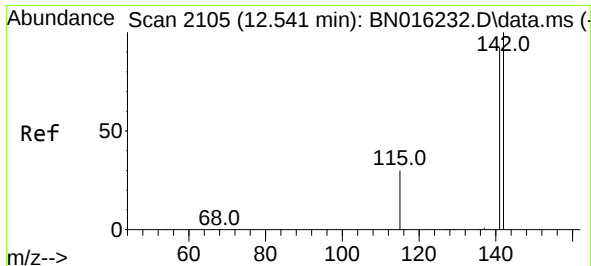
Tgt Ion:142 Resp: 70637
Ion Ratio Lower Upper
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141 87.1 69.5 104.3



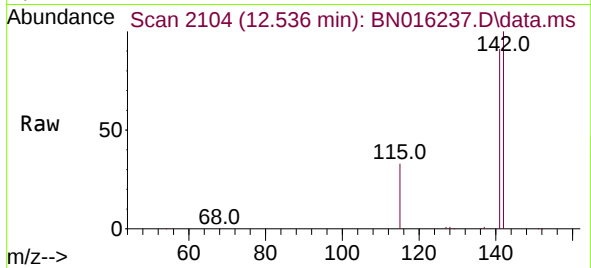
Instrument :
BNA_N
ClientSampleId :
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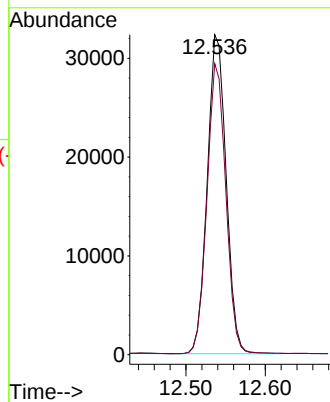
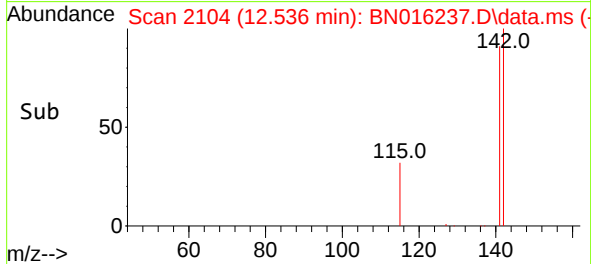
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#8
1-Methylnaphthalene
Concen: 3.144 ng/ul
RT: 12.536 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46



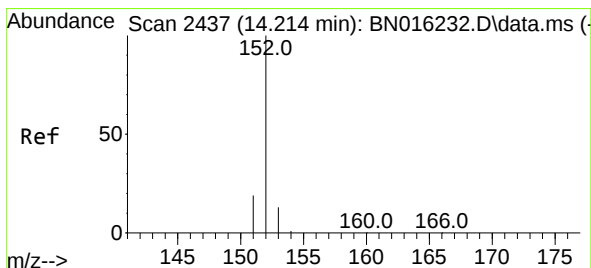
Tgt Ion:142 Resp: 53439
Ion Ratio Lower Upper
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141 90.7 72.2 108.4



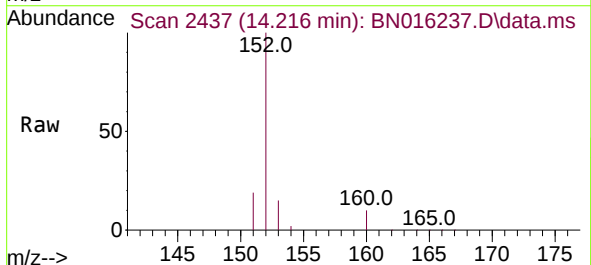
Instrument :
BNA_N
ClientSampleId :
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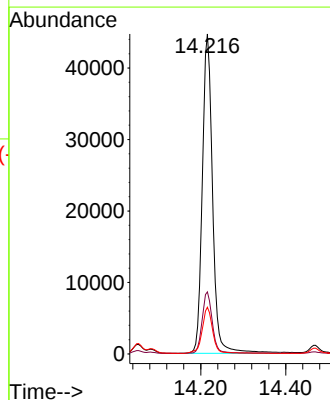
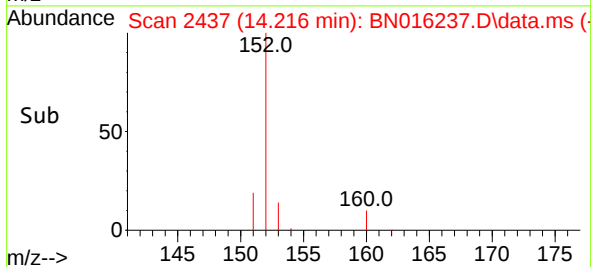
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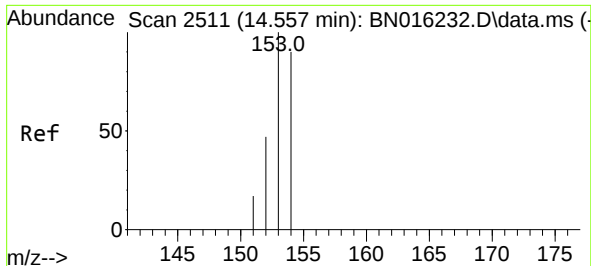


#10
Acenaphthylene
Concen: 3.122 ng/ul
RT: 14.216 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46

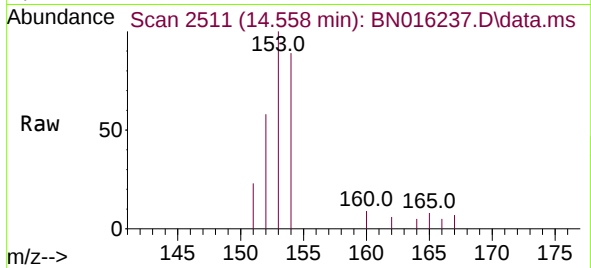


Tgt Ion:152 Resp: 74957
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 14.6 11.2 16.8

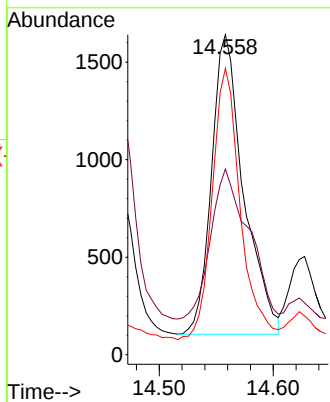
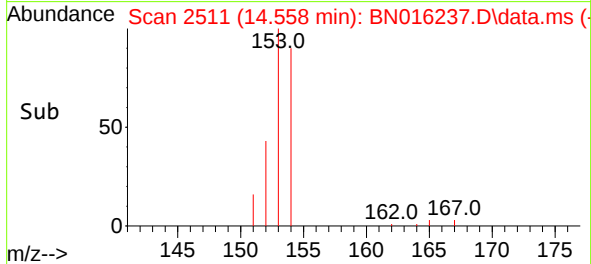




#11
Acenaphthene
Concen: 0.150 ng/ul
RT: 14.558 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46



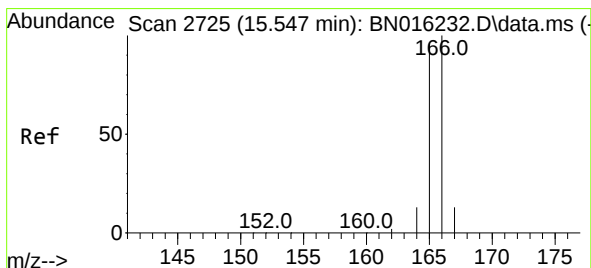
Tgt Ion:153 Resp: 3006
Ion Ratio Lower Upper
153 100
152 58.1 38.5 57.7#
154 89.5 71.3 106.9



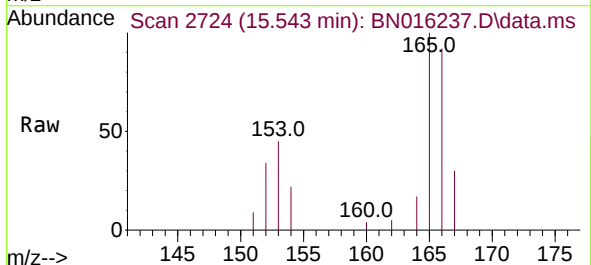
Instrument :
BNA_N
ClientSampled :
C0AY8

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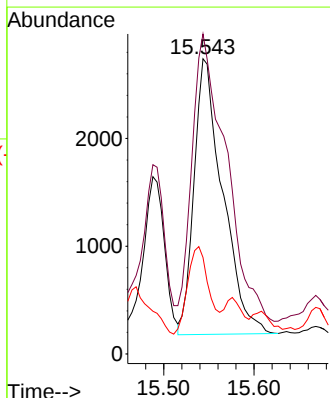
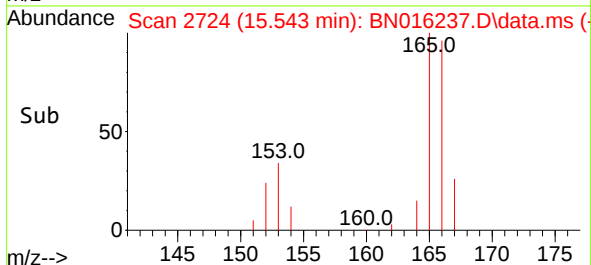
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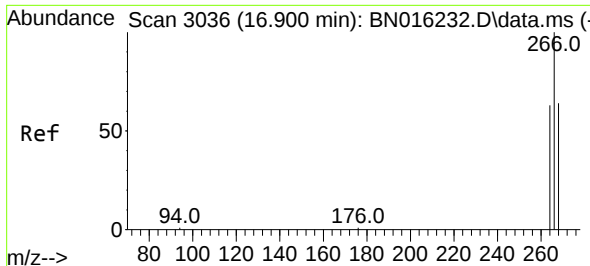


#12
Fluorene
Concen: 0.245 ng/ul
RT: 15.543 min Scan# 2724
Delta R.T. -0.003 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46



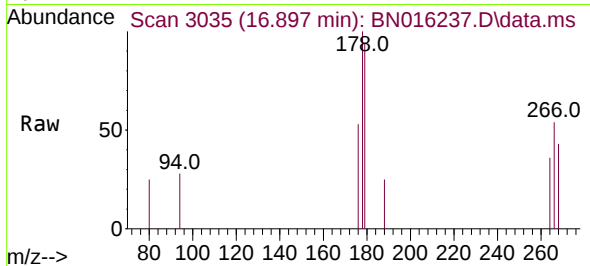
Tgt Ion:166 Resp: 5637
Ion Ratio Lower Upper
166 100
165 108.4 77.9 116.9
167 32.7 11.8 17.8#





#14
 Pentachlorophenol
 Concen: 0.143 ng/uI
 RT: 16.897 min Scan# 3035
 Delta R.T. -0.003 min
 Lab File: BN016237.D
 Acq: 07 Sep 2021 15:46

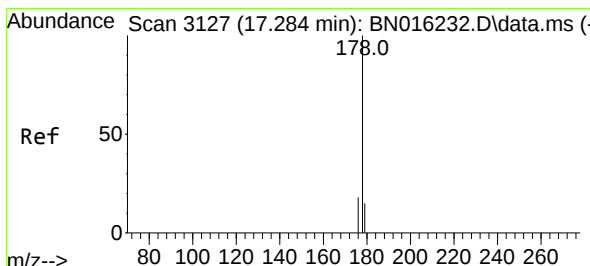
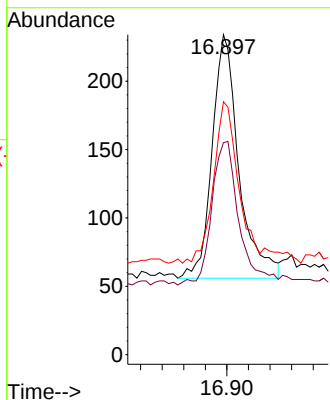
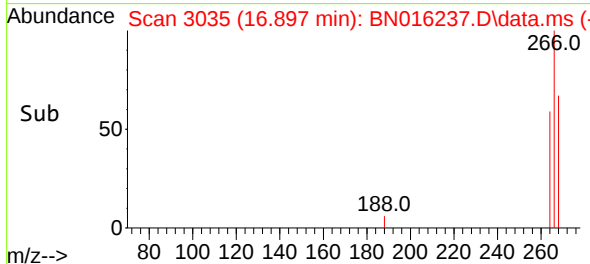
Instrument :
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 ClientSampled :
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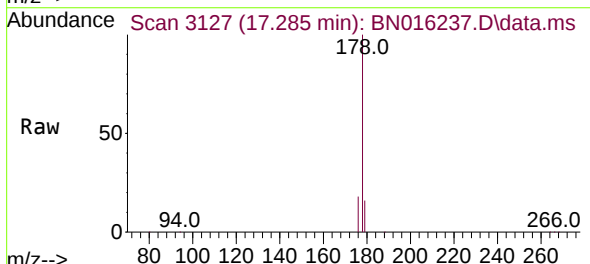
Tgt Ion:266 Resp: 307
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.3 75.5
 268 65.8 51.4 77.2

Manual Integrations
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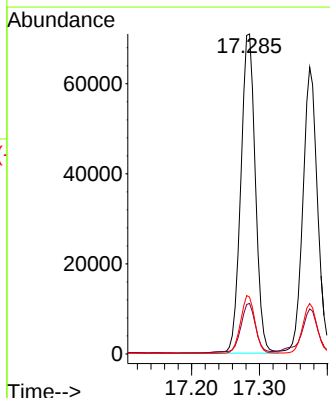
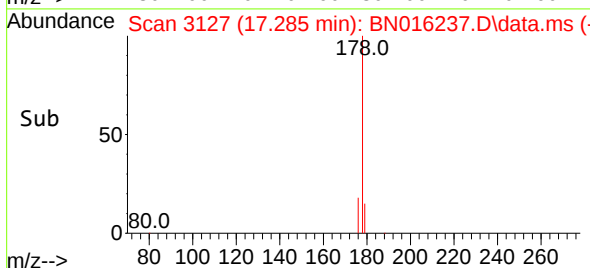
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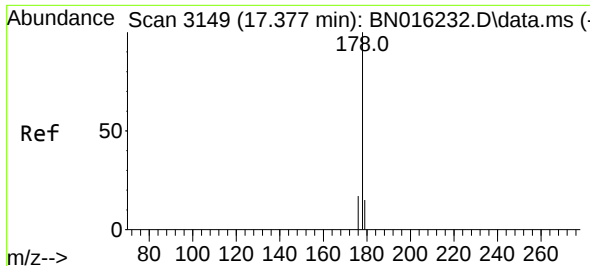


#15
 Phenanthrene
 Concen: 2.762 ng/uI
 RT: 17.285 min Scan# 3127
 Delta R.T. 0.001 min
 Lab File: BN016237.D
 Acq: 07 Sep 2021 15:46



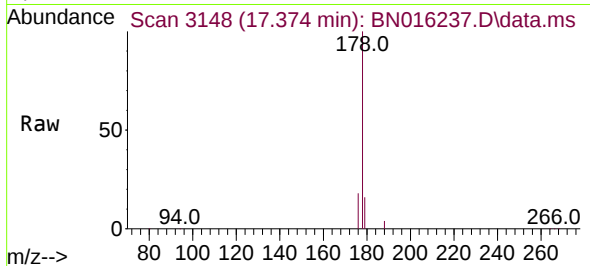
Tgt Ion:178 Resp: 105422
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.9 19.3
 176 17.8 15.2 22.8





#16
 Anthracene
 Concen: 2.820 ng/ul
 RT: 17.374 min Scan# 3148
 Delta R.T. -0.003 min
 Lab File: BN016237.D
 Acq: 07 Sep 2021 15:46

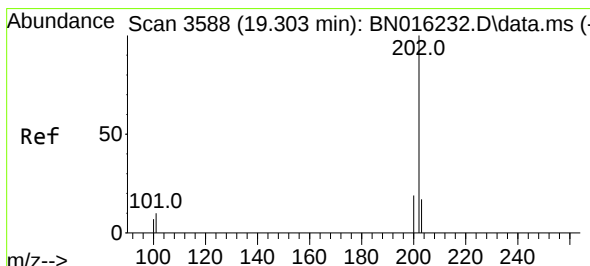
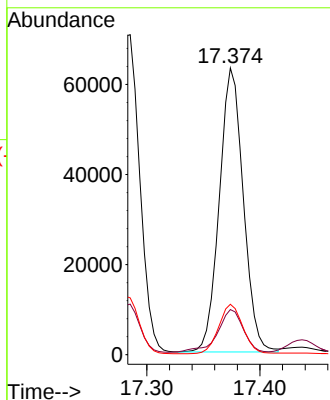
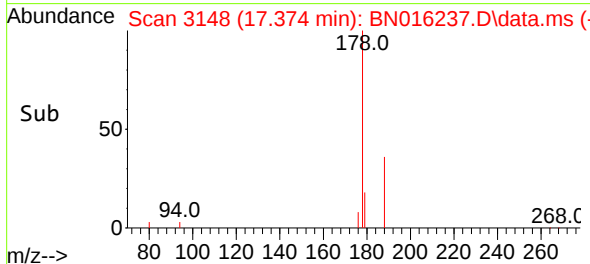
Instrument :
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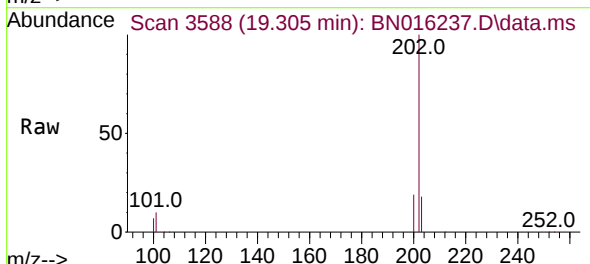
Tgt Ion:	178	Resp:	92954
Ion Ratio	Lower	Upper	
178	100		
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176	17.6	14.9	22.3

Manual Integrations
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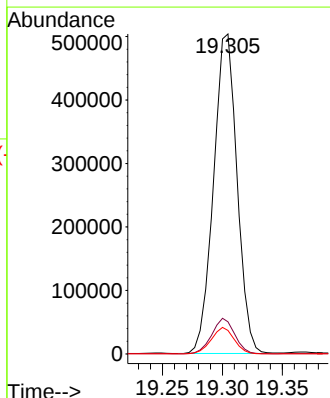
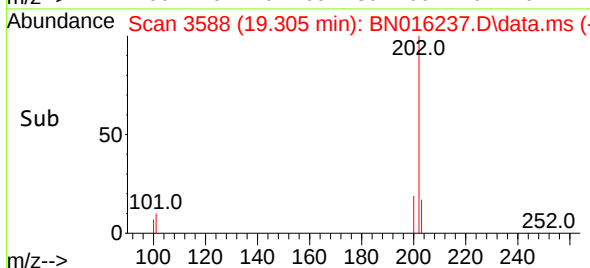
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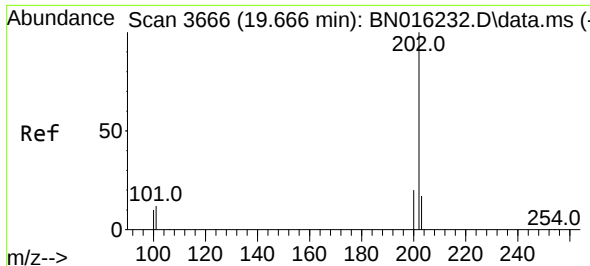


#19
 Fluoranthene
 Concen: 15.333 ng/ul
 RT: 19.305 min Scan# 3588
 Delta R.T. 0.001 min
 Lab File: BN016237.D
 Acq: 07 Sep 2021 15:46



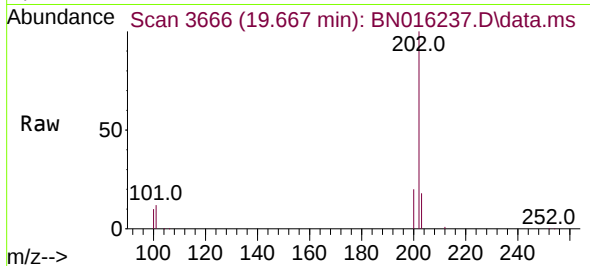
Tgt Ion:	202	Resp:	689019
Ion Ratio	Lower	Upper	
202	100		
101	10.1	9.2	13.8
100	7.3	6.7	10.1





#20
Pyrene
Concen: 14.299 ng/u1
RT: 19.667 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46

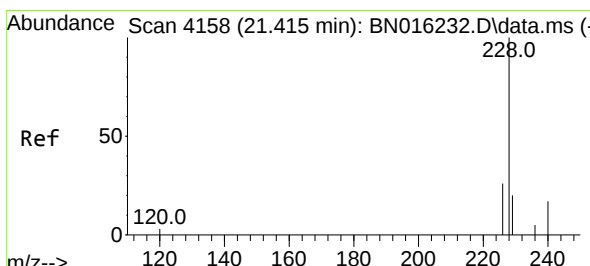
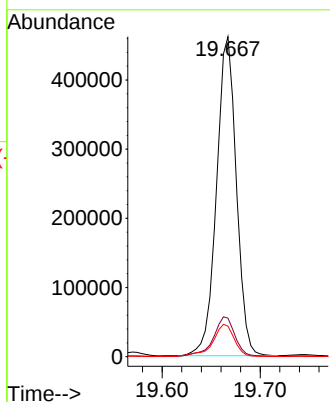
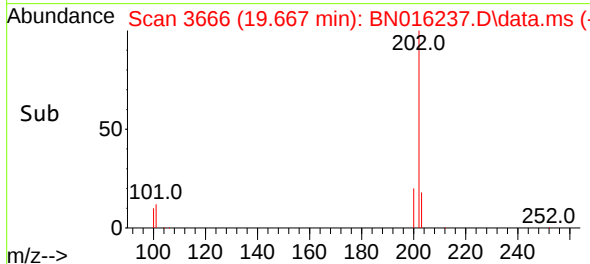
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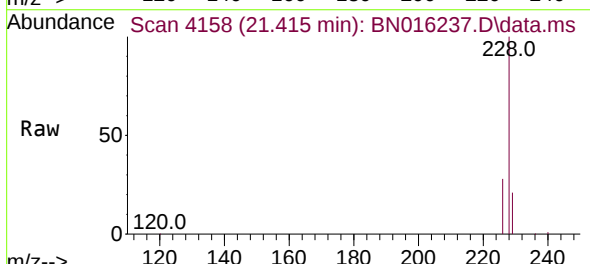
Tgt Ion:202 Resp: 650831
Ion Ratio Lower Upper
202 100
101 12.1 11.5 17.3
100 9.5 9.8 14.8#

Manual Integrations
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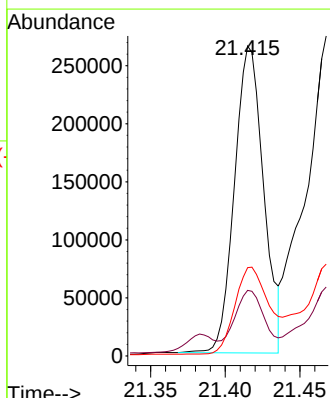
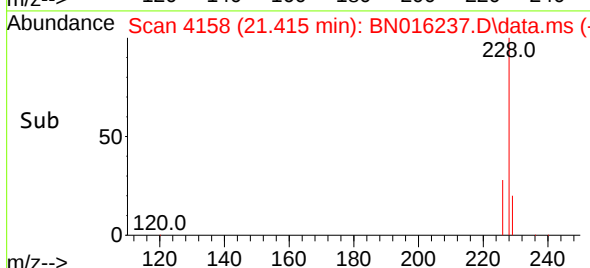
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9/8/2021 7:00:40 AM

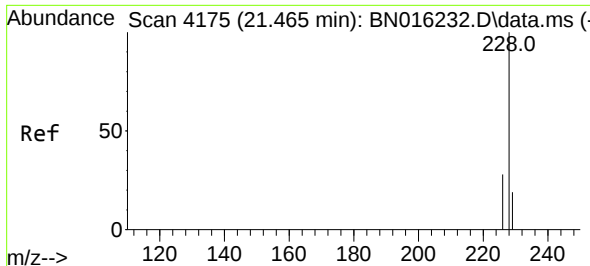


#21
Benzo(a)anthracene
Concen: 8.694 ng/u1
RT: 21.415 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46

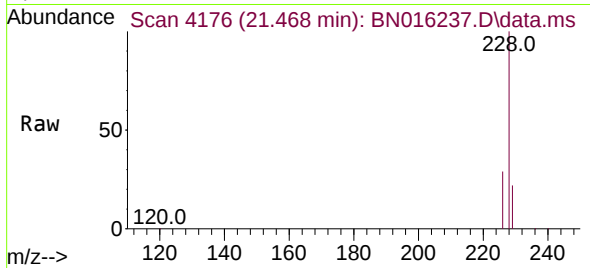


Tgt Ion:228 Resp: 358702
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 28.5 20.8 31.2

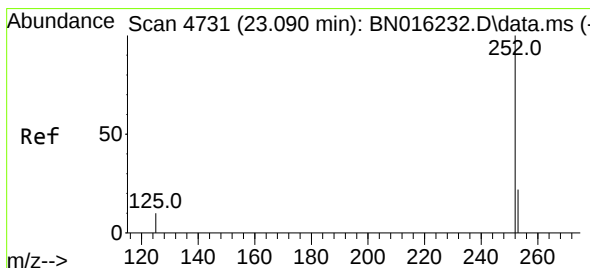
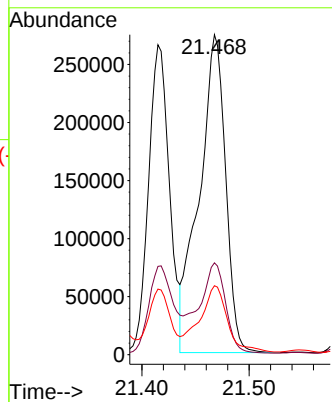
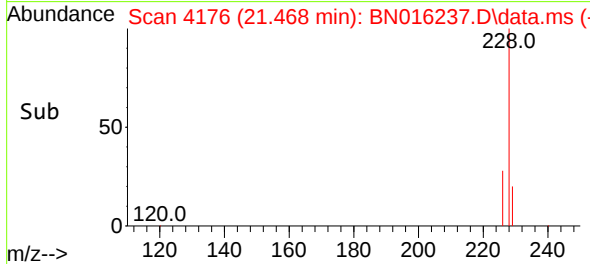




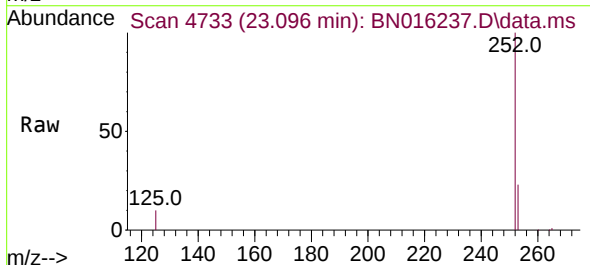
#22
Chrysene
Concen: 10.048 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.002 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46



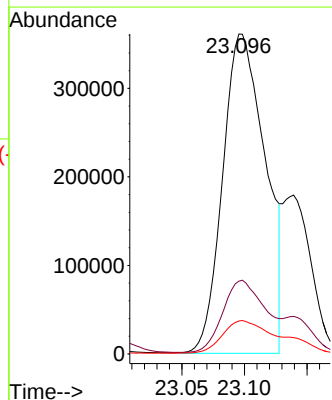
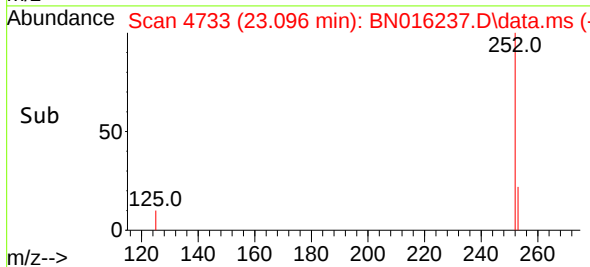
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Ion Ratio Lower Upper
228 100
226 28.7 23.2 34.8
229 21.5 15.6 23.4



#24
Benzo(b)fluoranthene
Concen: 14.929 ng/ul m
RT: 23.096 min Scan# 4733
Delta R.T. 0.005 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46



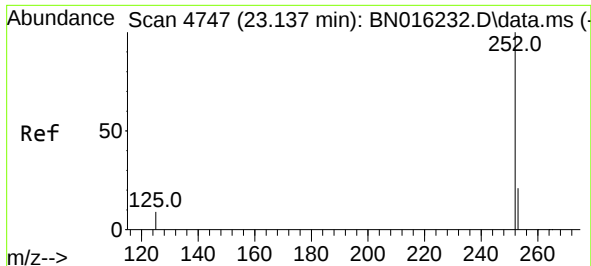
Tgt Ion:252 Resp: 855175
Ion Ratio Lower Upper
252 100
253 22.8 0.0 49.4
125 10.3 0.0 27.0



Instrument :
BNA_N
ClientSampled :
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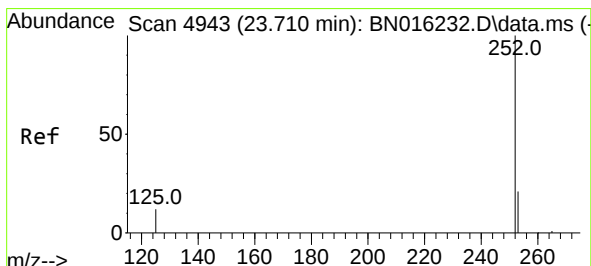
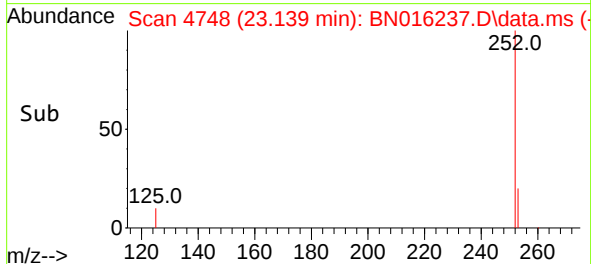
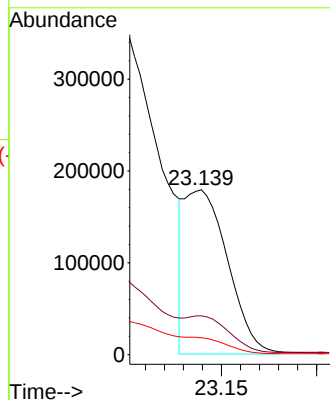
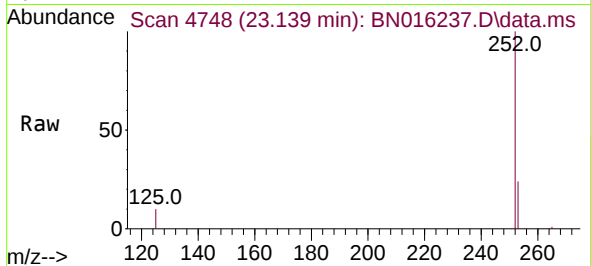
#25
Benzo(k)fluoranthene
Concen: 4.898 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. 0.002 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46

Tgt Ion:252 Resp: 282244
Ion Ratio Lower Upper
252 100
253 23.6 19.4 29.0
125 10.3 10.9 16.3#

Instrument :
BNA_N
ClientSampleId :
C0AY8

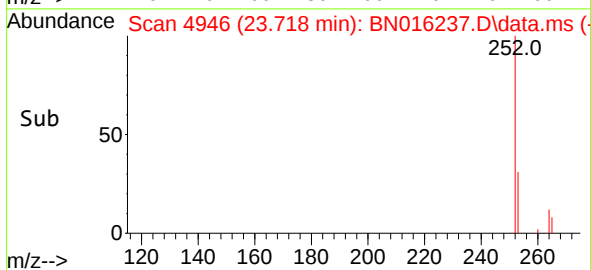
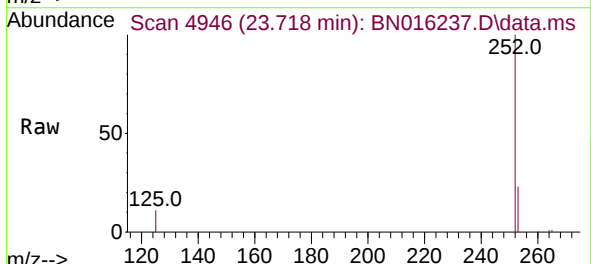
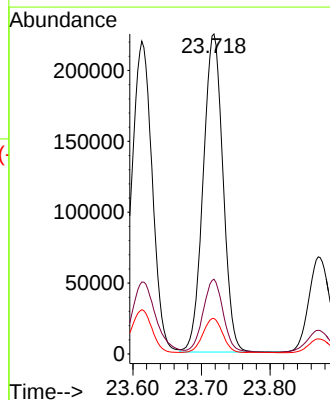
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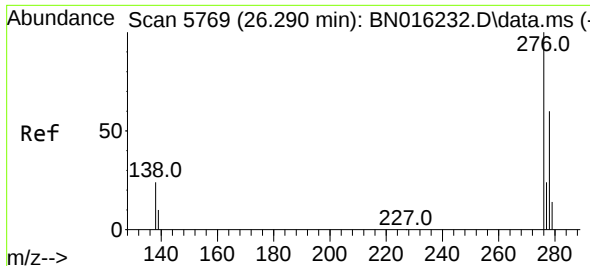
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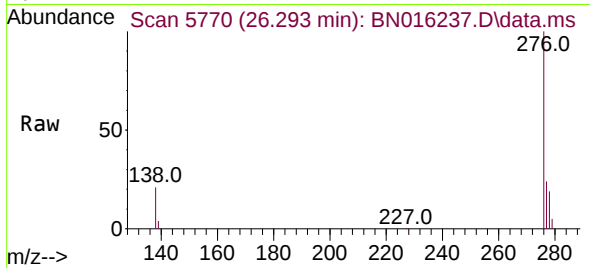
#26
Benzo(a)pyrene
Concen: 9.263 ng/ul
RT: 23.718 min Scan# 4946
Delta R.T. 0.008 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46

Tgt Ion:252 Resp: 450074
Ion Ratio Lower Upper
252 100
253 23.3 20.2 30.2
125 11.1 12.6 18.8#

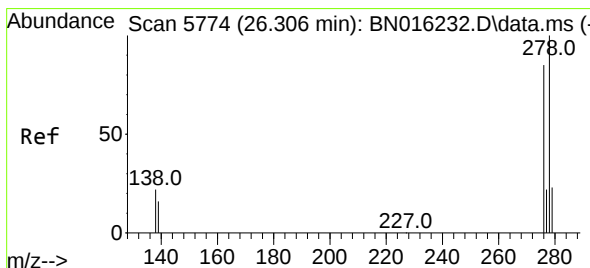
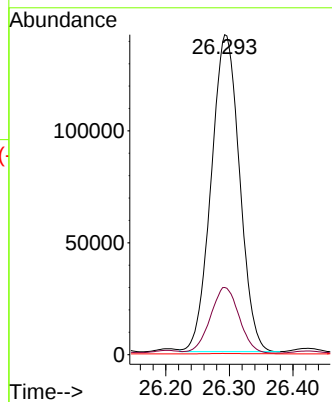
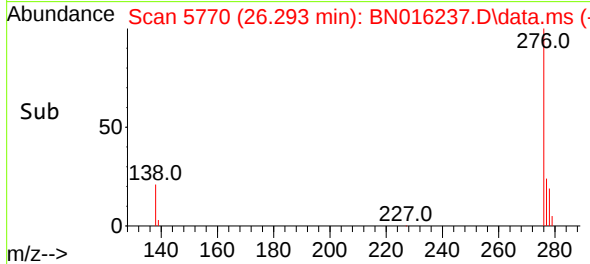




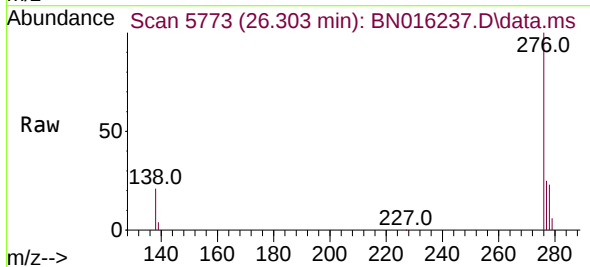
#27
Indeno(1,2,3-cd)pyrene
Concen: 6.998 ng/ul
RT: 26.293 min Scan# 5770
Delta R.T. 0.003 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46



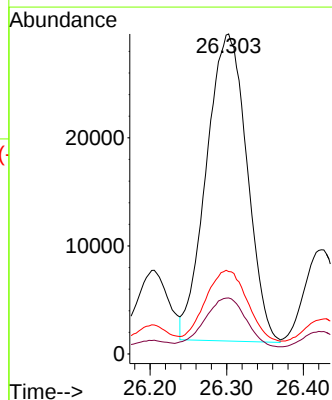
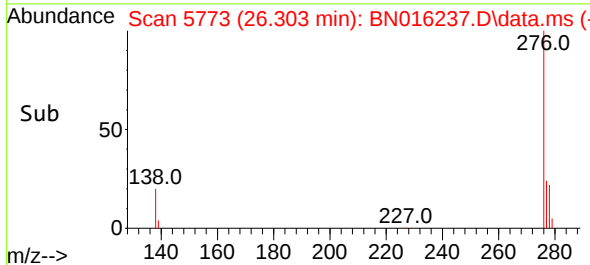
Tgt Ion: 276 Resp: 439382
Ion Ratio Lower Upper
276 100
138 21.0 22.7 34.1#
227 0.2 0.2 0.2



#28
Dibenzo(a,h)anthracene
Concen: 2.021 ng/ul
RT: 26.303 min Scan# 5773
Delta R.T. -0.004 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46



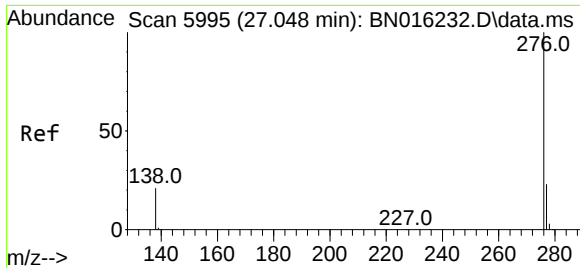
Tgt Ion: 278 Resp: 104560
Ion Ratio Lower Upper
278 100
139 17.5 15.1 22.7
279 25.8 20.5 30.7



Instrument :
BNA_N
ClientSampleId :
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#29
Benzo(g,h,i)perylene
Concen: 6.761 ng/ul
RT: 27.054 min Scan# 5997
Delta R.T. 0.006 min
Lab File: BN016237.D
Acq: 07 Sep 2021 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.3	28.9
277	24.1	19.8	29.8

Instrument :
BNA_N
ClientSampleId :
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