

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
 Data File : BN016240.D
 Acq On : 07 Sep 2021 17:38
 Operator : CG/JU
 Sample : M3486-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB7

Manual Integrations
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Quant Time: Sep 07 18:07:14 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	7.859	152	2084	0.400	ng/ul	0.00
4) Naphthalene-d8	10.655	136	8983	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.493	164	5482	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.243	188	11624	0.400	ng/ul	0.00
17) Chrysene-d12	21.432	240	12018	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	11552	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	4853	2.001	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	1940	0.153	ng/ul	0.00
18) Fluoranthene-d10	19.272	212	5757	0.179	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.705	128	4976	0.208	ng/ul	97
7) 2-Methylnaphthalene	12.322	142	1369	0.088	ng/ul	98
8) 1-Methylnaphthalene	12.542	142	755	0.048	ng/ul	97
10) Acenaphthylene	14.216	152	4322	0.208	ng/ul	97
11) Acenaphthene	14.558	153	423	0.024	ng/ul#	93
12) Fluorene	15.548	166	716	0.036	ng/ul#	92
15) Phenanthrene	17.285	178	16046	0.479	ng/ul	99
16) Anthracene	17.374	178	3061	0.106	ng/ul#	93
19) Fluoranthene	19.305	202	33832	0.845	ng/ul	98
20) Pyrene	19.667	202	28539	0.704	ng/ul	95
21) Benzo(a)anthracene	21.415	228	14149	0.385	ng/ul	92
22) Chrysene	21.467	228	17588m	0.424	ng/ul	
24) Benzo(b)fluoranthene	23.092	252	24440m	0.562	ng/ul	
25) Benzo(k)fluoranthene	23.133	252	10118m	0.231	ng/ul	
26) Benzo(a)pyrene	23.712	252	15004	0.407	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.286	276	13692	0.287	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.296	278	3065	0.078	ng/ul#	32
29) Benzo(g,h,i)perylene	27.050	276	13347	0.323	ng/ul#	89

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

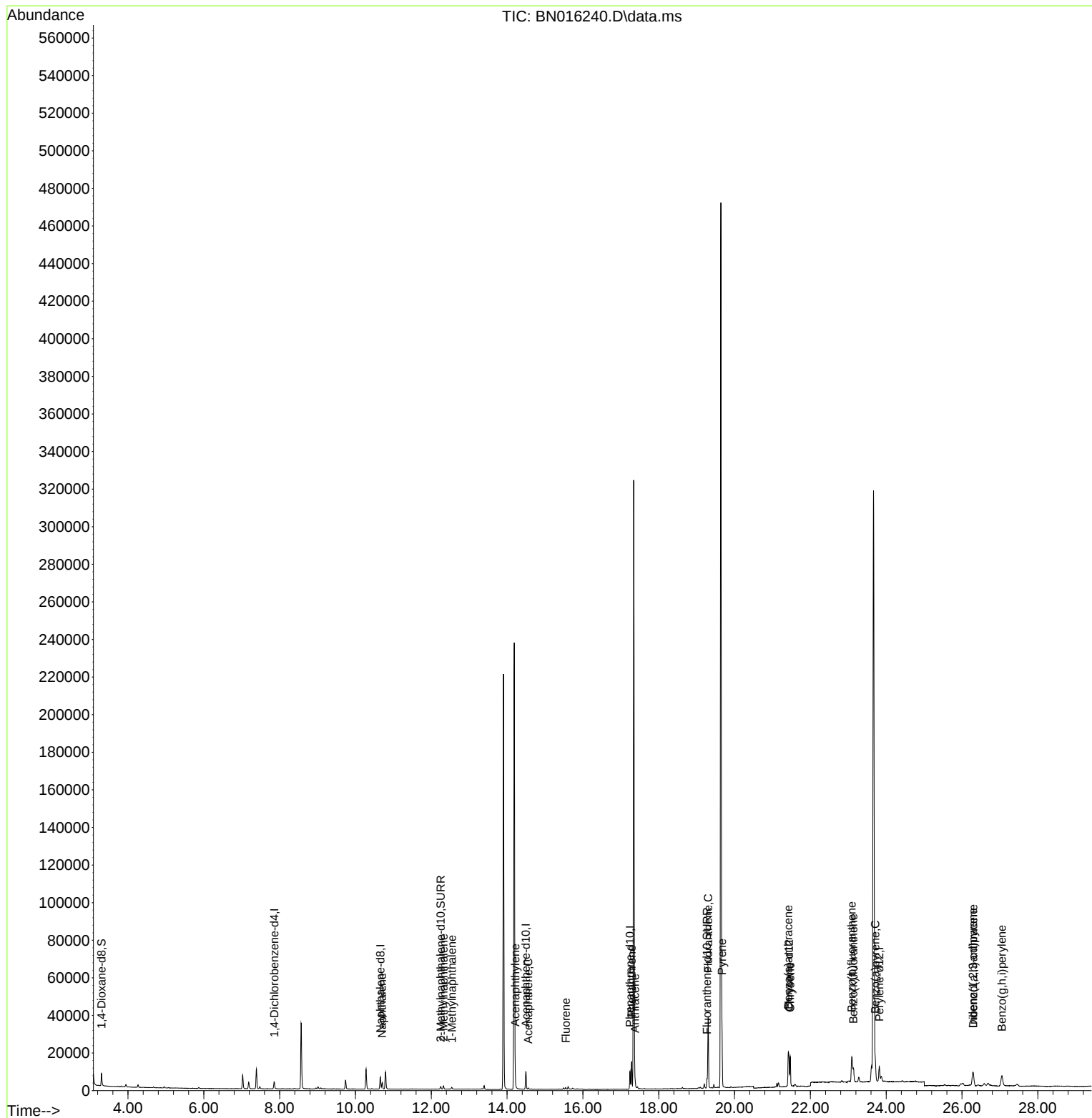
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090721\
Data File : BN016240.D
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Operator : CG/JU
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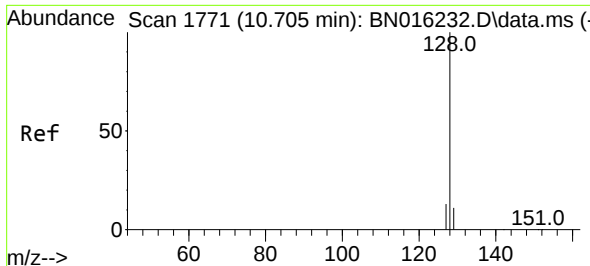
Instrument :
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ClientSampleId :
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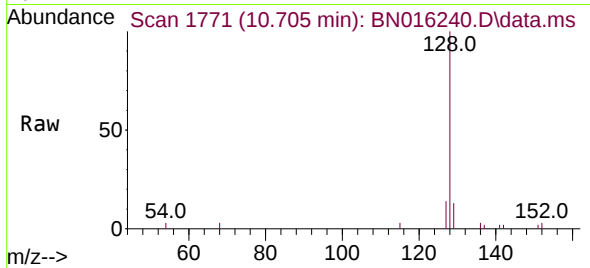
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Quant Time: Sep 07 18:07:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 07 12:55:06 2021
Response via : Initial Calibration

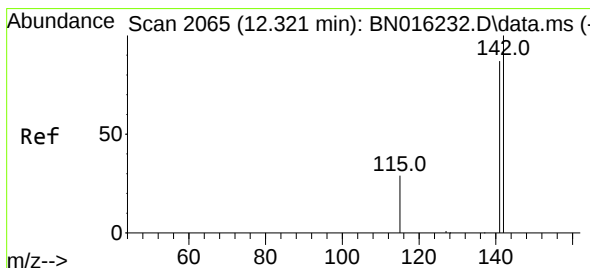
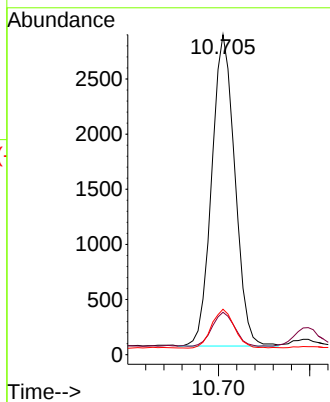
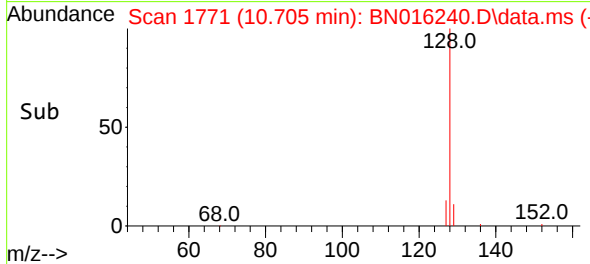




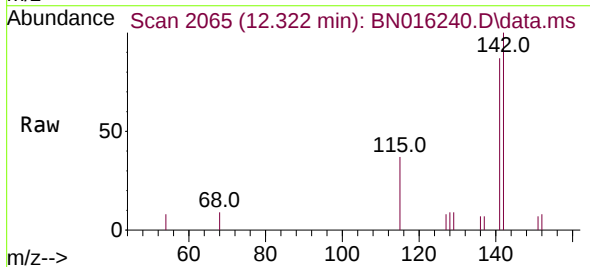
#5
Naphthalene
Concen: 0.208 ng/ul
RT: 10.705 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38



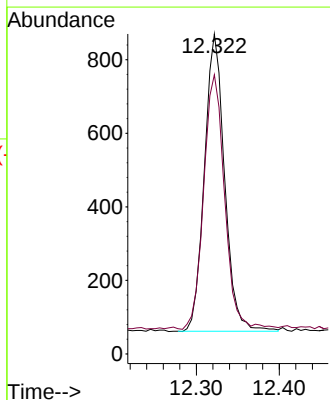
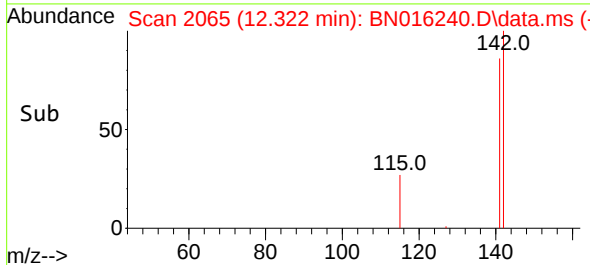
Tgt Ion:128 Resp: 4976
Ion Ratio Lower Upper
128 100
129 13.3 9.4 14.2
127 14.2 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.322 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38



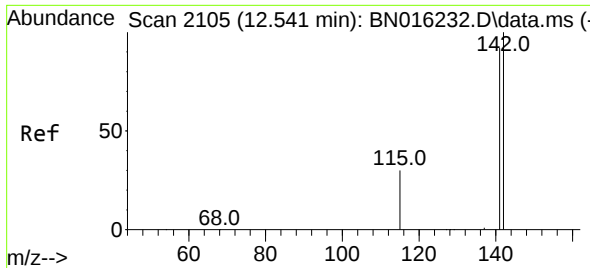
Tgt Ion:142 Resp: 1369
Ion Ratio Lower Upper
142 100
141 89.1 69.5 104.3



Instrument :
BNA_N
ClientSampleId :
C0AB7

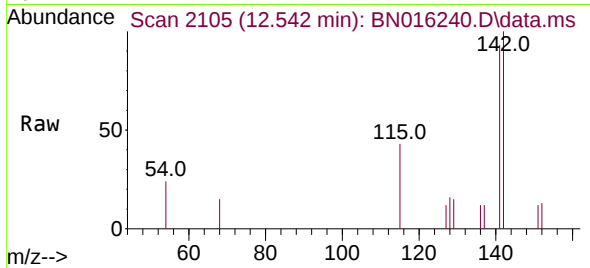
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#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.542 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38

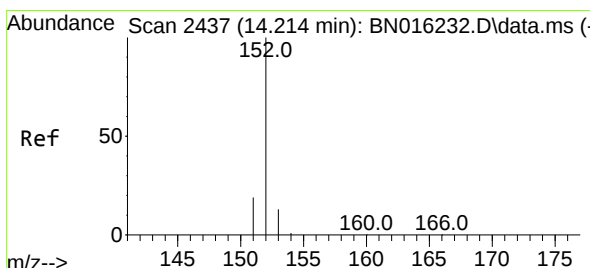
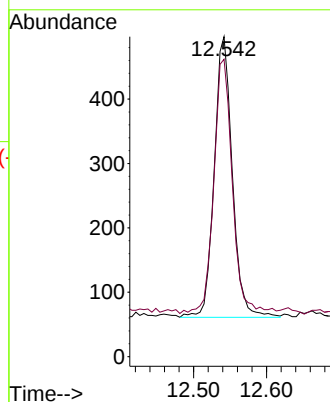
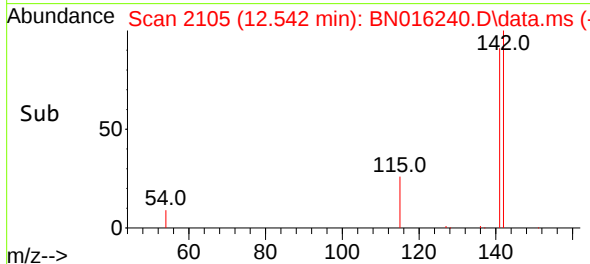
Instrument :
BNA_N
ClientSampleId :
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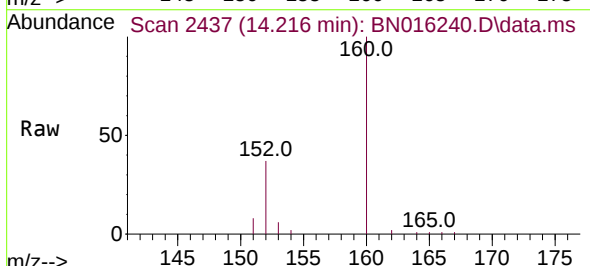
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Ion Ratio Lower Upper
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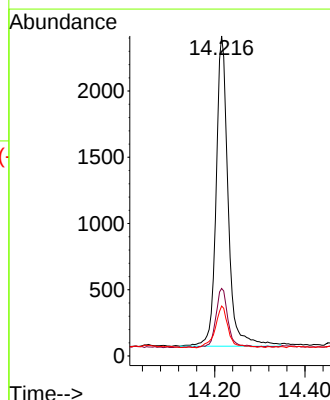
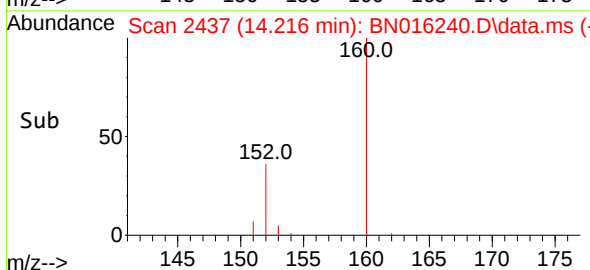
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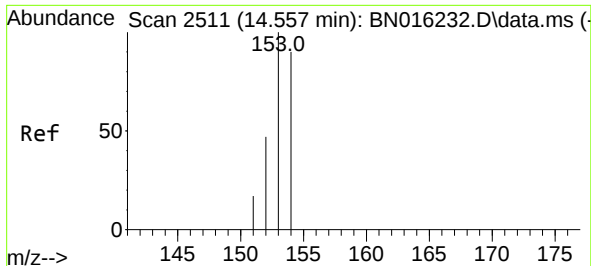


#10
Acenaphthylene
Concen: 0.208 ng/ul
RT: 14.216 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38



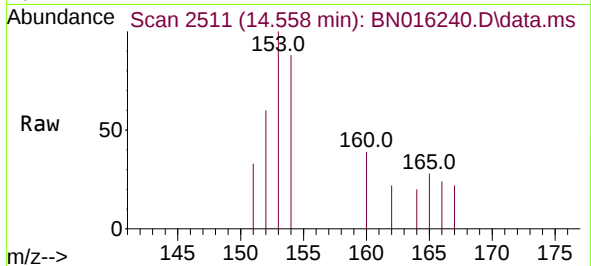
Tgt Ion:152 Resp: 4322
Ion Ratio Lower Upper
152 100
151 21.1 15.8 23.6
153 15.6 11.2 16.8





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.558 min Scan# 2511
Delta R.T. 0.001 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38

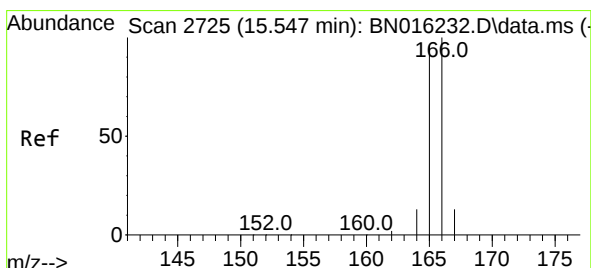
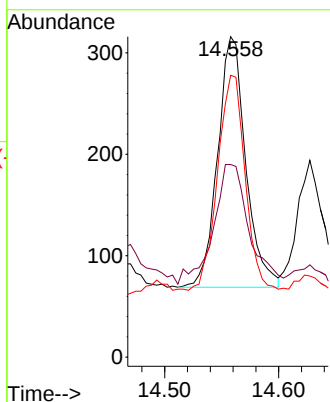
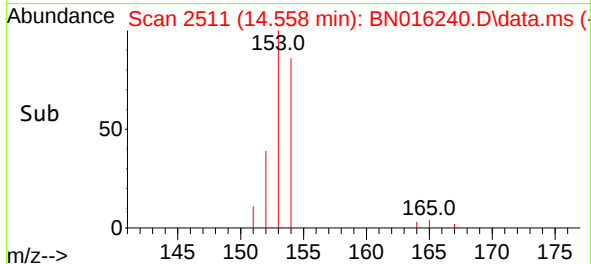
Instrument :
BNA_N
ClientSampled :
C0AB7



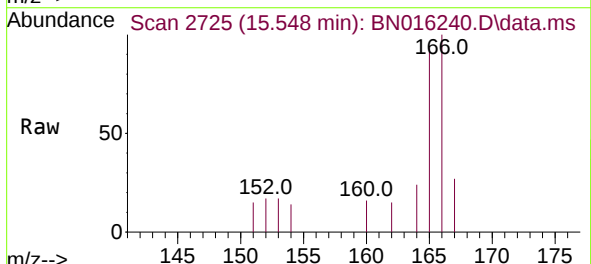
Tgt Ion:153 Resp: 423
Ion Ratio Lower Upper
153 100
152 60.1 38.5 57.7#
154 88.0 71.3 106.9

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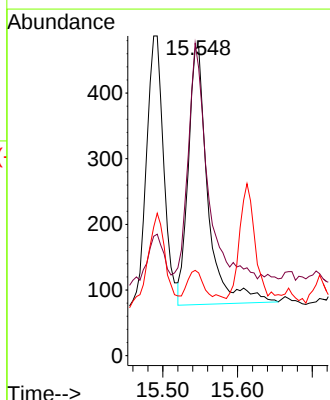
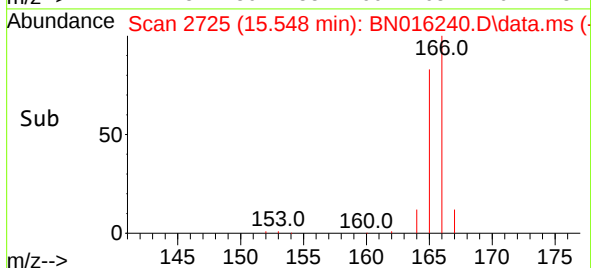
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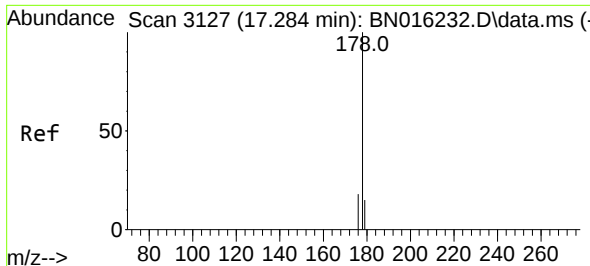


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.548 min Scan# 2725
Delta R.T. 0.001 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38

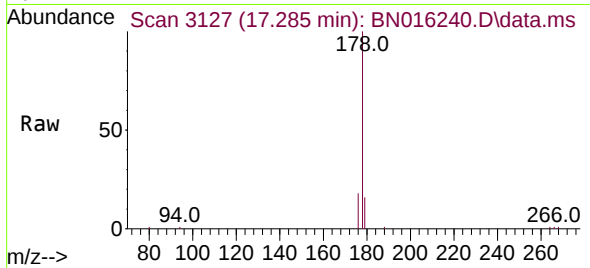


Tgt Ion:166 Resp: 716
Ion Ratio Lower Upper
166 100
165 93.0 77.9 116.9
167 26.8 11.8 17.8#

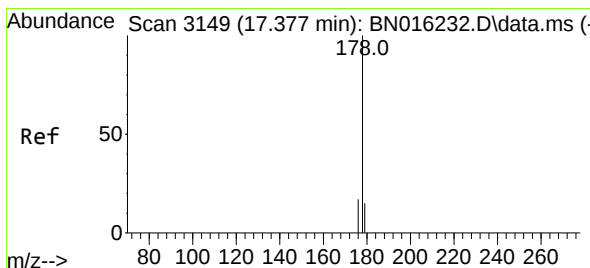
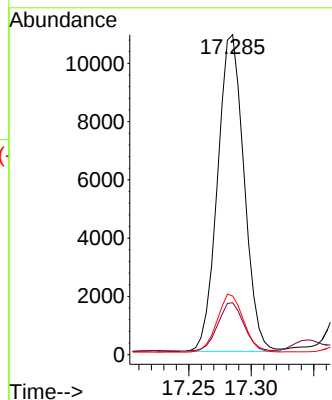
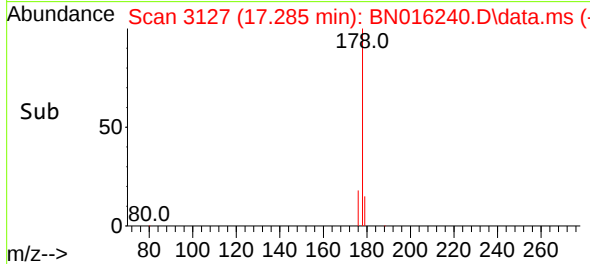




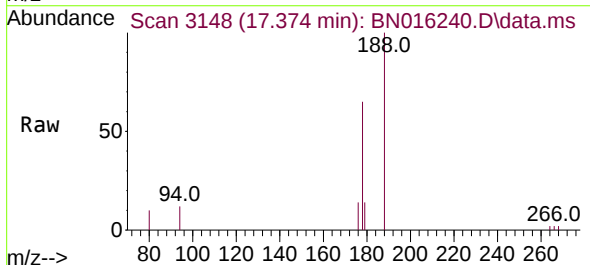
#15
Phenanthrene
Concen: 0.479 ng/ul
RT: 17.285 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38



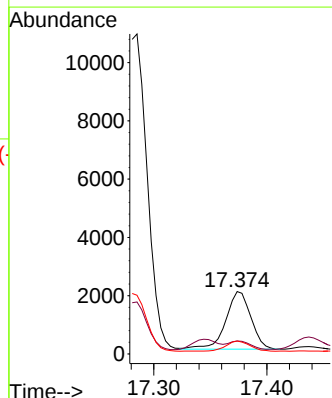
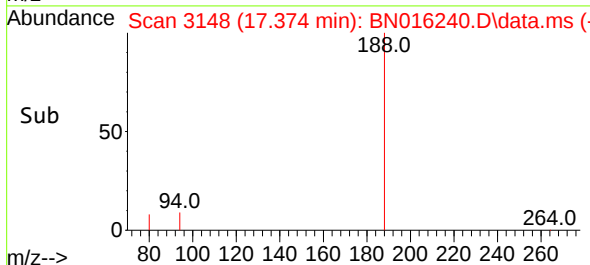
Tgt Ion:178 Resp: 16046
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 18.3 15.2 22.8



#16
Anthracene
Concen: 0.106 ng/ul
RT: 17.374 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38



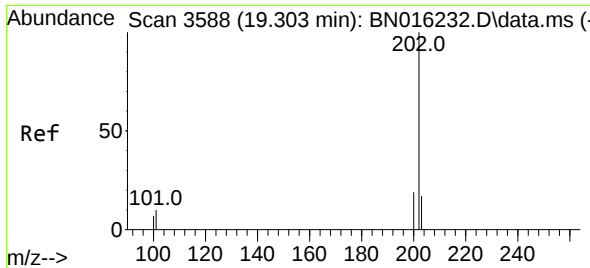
Tgt Ion:178 Resp: 3061
Ion Ratio Lower Upper
178 100
179 20.8 13.3 19.9#
176 20.8 14.9 22.3



Instrument :
BNA_N
ClientSampled :
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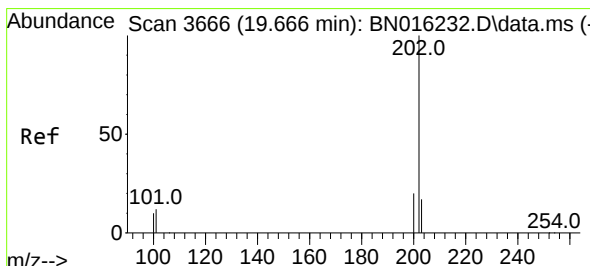
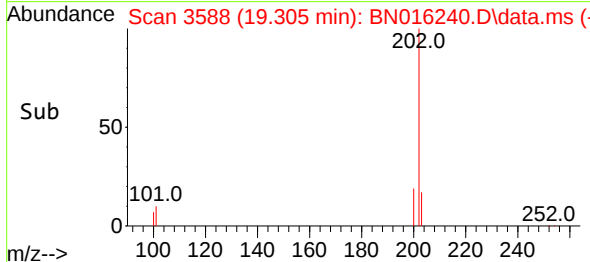
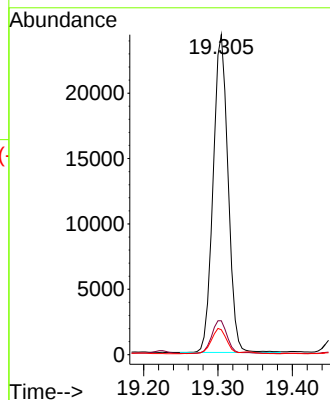
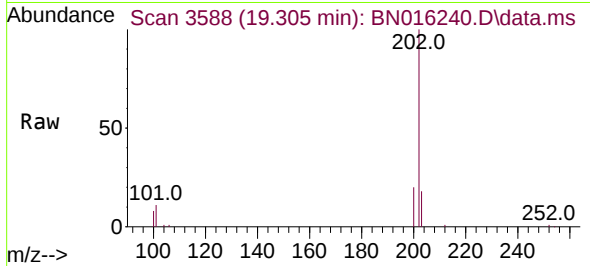
#19
Fluoranthene
Concen: 0.845 ng/ul
RT: 19.305 min Scan# 3588
Delta R.T. 0.001 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.2	13.8
100	7.8	6.7	10.1

Instrument :
BNA_N
ClientSampled :
C0AB7

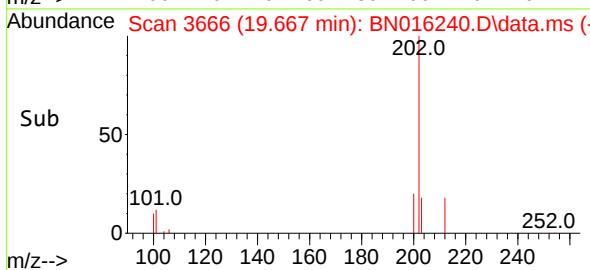
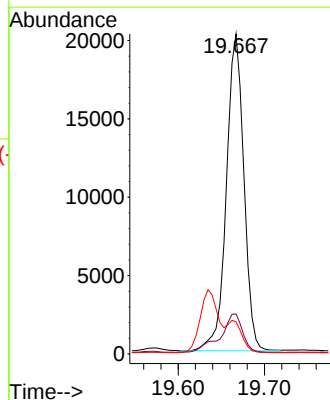
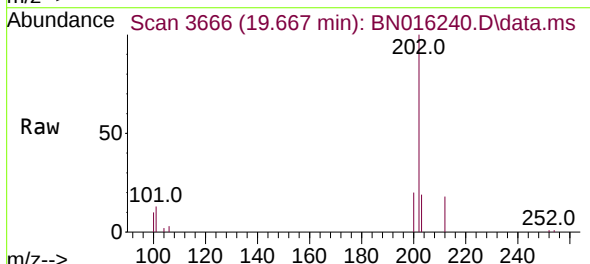
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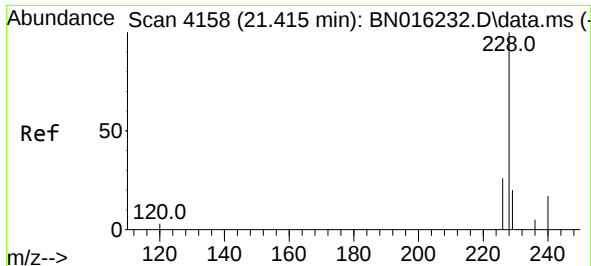
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#20
Pyrene
Concen: 0.704 ng/ul
RT: 19.667 min Scan# 3666
Delta R.T. 0.001 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.5	17.3
100	10.1	9.8	14.8





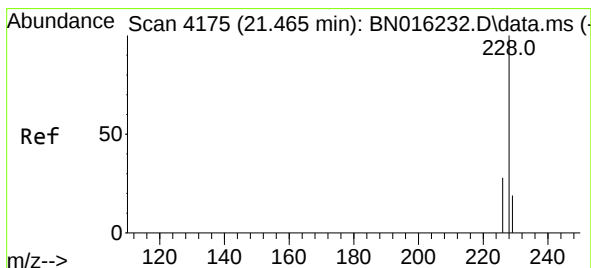
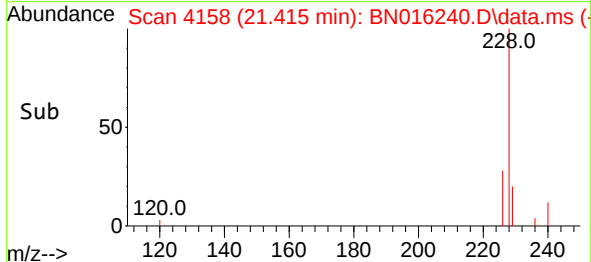
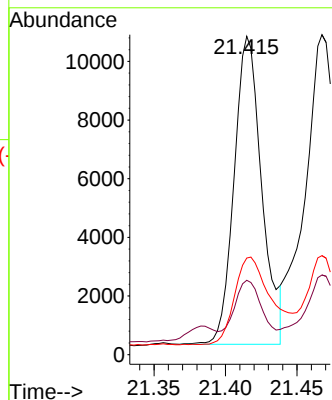
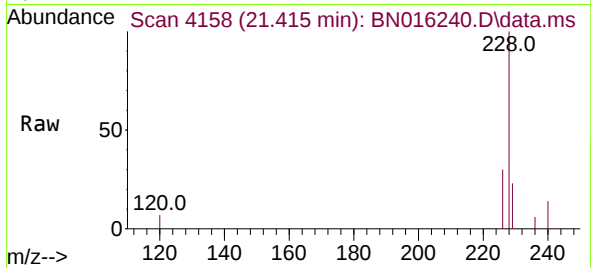
#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. -0.001 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38

Tgt Ion:228 Resp: 14149
Ion Ratio Lower Upper
228 100
229 23.3 15.7 23.5
226 30.3 20.8 31.2

Instrument :
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ClientSampled :
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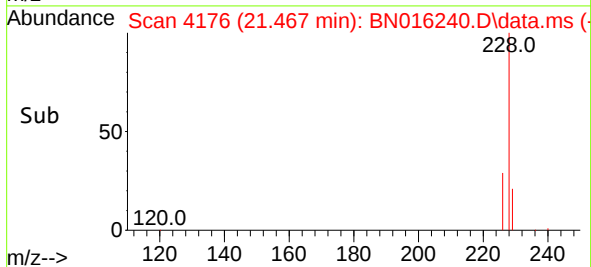
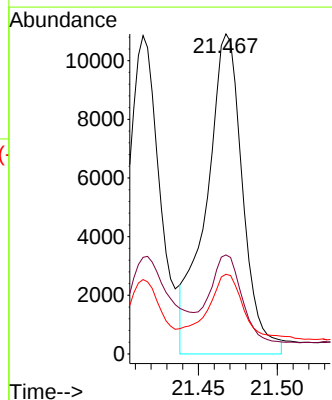
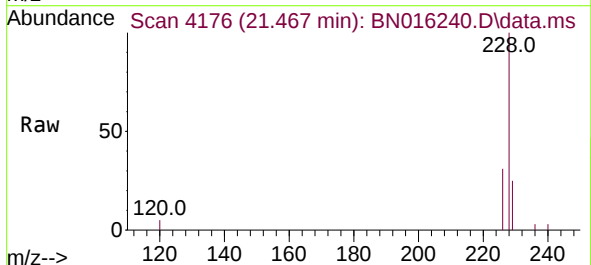
Manual Integrations
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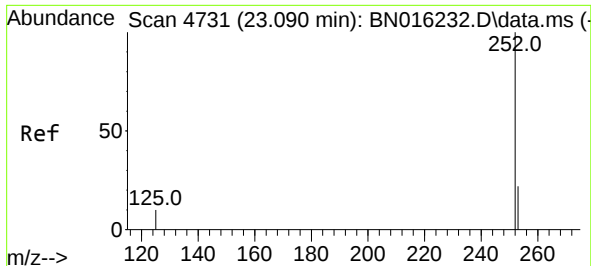
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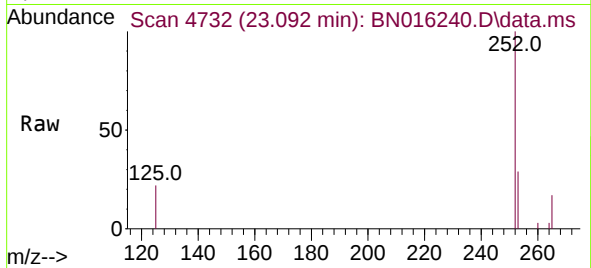
#22
Chrysene
Concen: 0.424 ng/ul m
RT: 21.467 min Scan# 4176
Delta R.T. 0.002 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38

Tgt Ion:228 Resp: 17588
Ion Ratio Lower Upper
228 100
226 30.9 23.2 34.8
229 24.9 15.6 23.4#

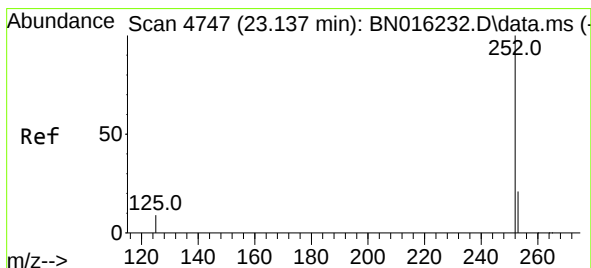
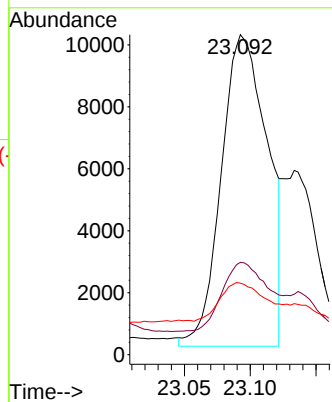
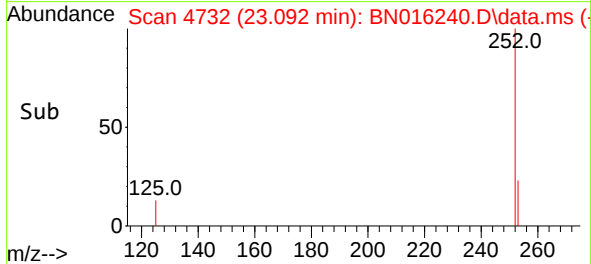




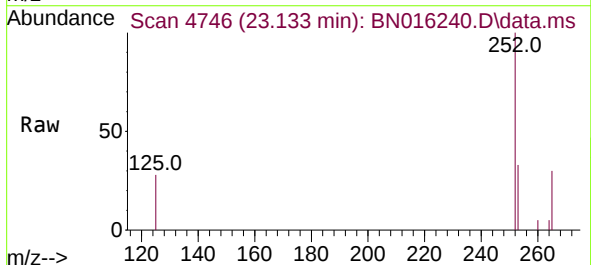
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Benzo(b)fluoranthene
Concen: 0.562 ng/ul m
RT: 23.092 min Scan# 4732
Delta R.T. 0.002 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38



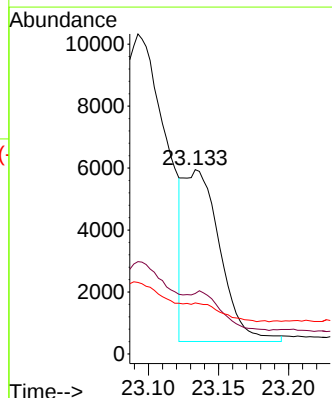
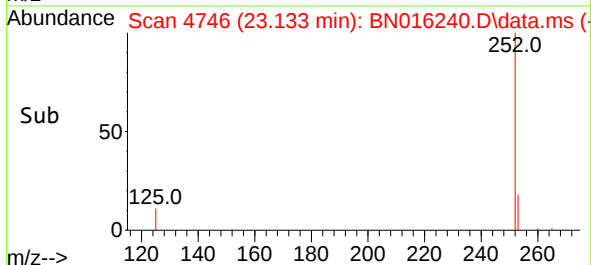
Tgt Ion:252 Resp: 24440
Ion Ratio Lower Upper
252 100
253 28.8 0.0 49.4
125 22.4 0.0 27.0



#25
Benzo(k)fluoranthene
Concen: 0.231 ng/ul m
RT: 23.133 min Scan# 4746
Delta R.T. -0.003 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38



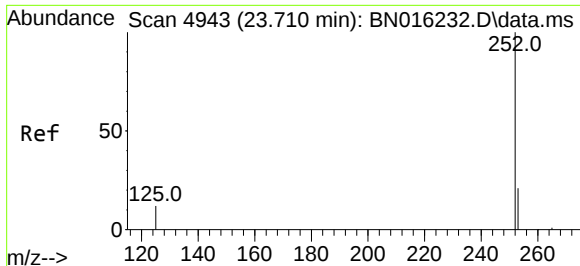
Tgt Ion:252 Resp: 10118
Ion Ratio Lower Upper
252 100
253 32.8 19.4 29.0#
125 27.7 10.9 16.3#



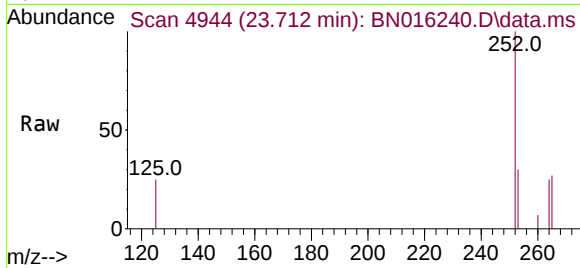
Instrument :
BNA_N
ClientSampled :
C0AB7

Manual Integrations
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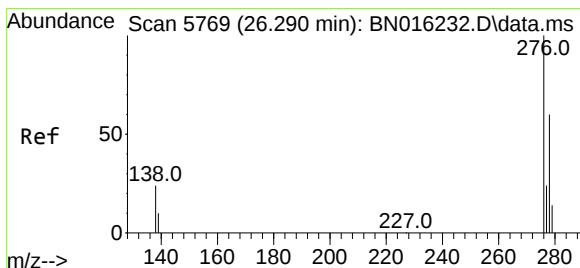
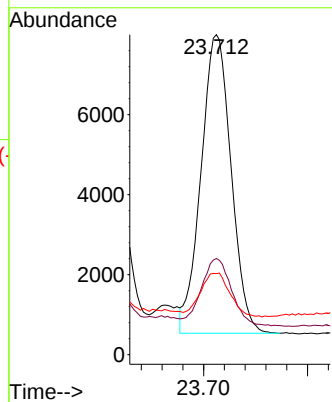
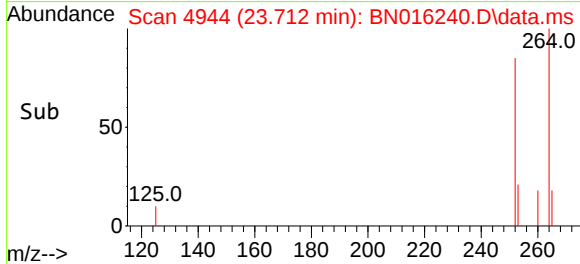
mohammad
9/8/2021 7:01:03 AM



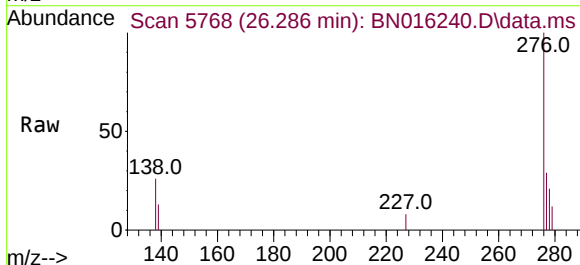
#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.712 min Scan# 4944
Delta R.T. 0.002 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38



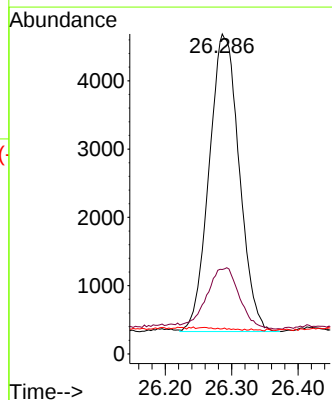
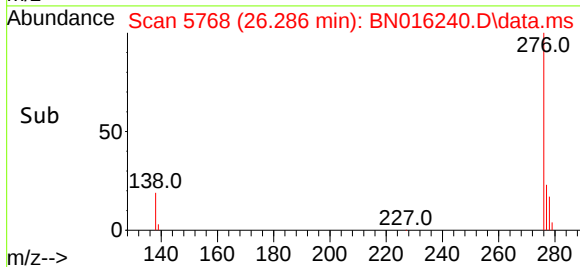
Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	20.2	30.2
125	25.4	12.6	18.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 26.286 min Scan# 5768
Delta R.T. -0.004 min
Lab File: BN016240.D
Acq: 07 Sep 2021 17:38



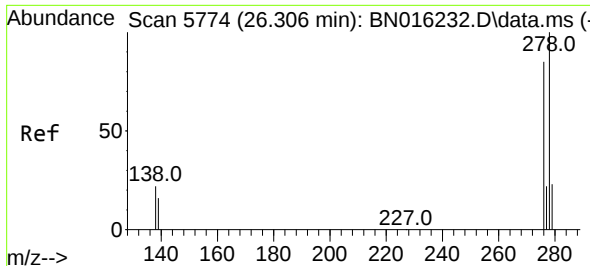
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.7	34.1#
227	0.0	0.2	0.2#



Instrument :
BNA_N
ClientSampleId :
C0AB7

Manual Integrations
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#28

Dibenzo(a,h)anthracene

Concen: 0.078 ng/ul

RT: 26.296 min Scan# 5771

Delta R.T. -0.011 min

Lab File: BN016240.D

Acq: 07 Sep 2021 17:38

Tgt Ion:	278	Resp:	3065
Ion Ratio	Lower	Upper	
278	100		
139	57.1	15.1	22.7#
279	53.6	20.5	30.7#

Instrument :

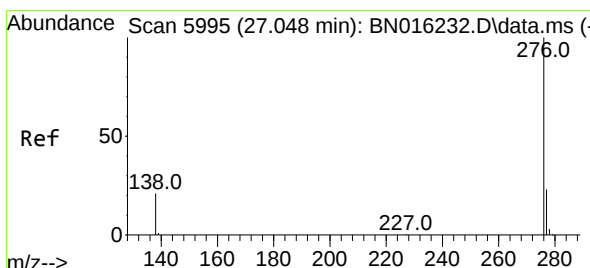
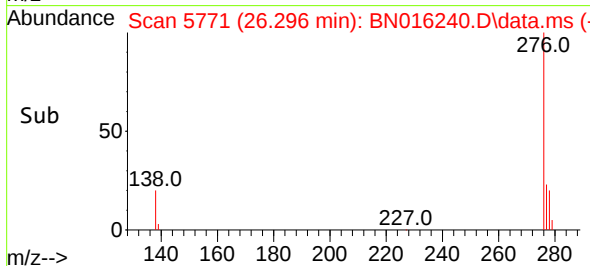
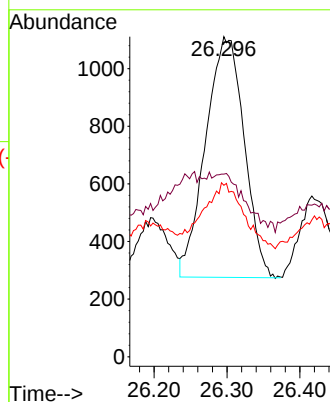
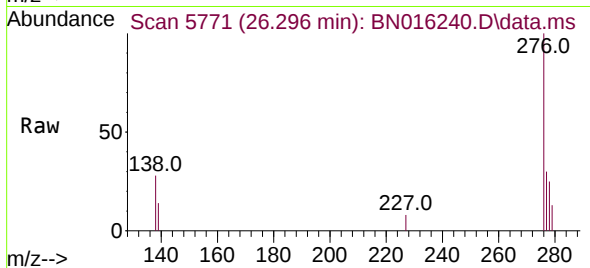
BNA_N

ClientSampleId :

C0AB7

Manual Integrations
APPROVED

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9/8/2021 7:01:03 AM



#29

Benzo(g,h,i)perylene

Concen: 0.323 ng/ul

RT: 27.050 min Scan# 5996

Delta R.T. 0.003 min

Lab File: BN016240.D

Acq: 07 Sep 2021 17:38

Tgt Ion:	276	Resp:	13347
Ion Ratio	Lower	Upper	
276	100		
138	29.5	19.3	28.9#
277	30.3	19.8	29.8#

