

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082319\
 Data File : BN007343.D
 Acq On : 24 Aug 2019 01:01
 Operator : HP/JU
 Sample : K4471-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 N3-SB1-1.0-1.5-082119

Manual Integrations
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 8/29/2019 7:59:32 AM

Quant Time: Aug 24 07:47:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4351	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	17662	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	9252	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	21294	0.40	ng	0.00
27) Chrysene-d12	21.02	240	22442	0.40	ng	0.00
34) Perylene-d12	23.12	264	25392	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	3095	0.19	ng	0.00
5) Phenol-d6	6.60	99	3927	0.19	ng	0.00
8) Nitrobenzene-d5	8.54	82	2820	0.18	ng	0.01
11) 2-Methylnaphthalene-d10	11.76	152	5541	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	838	0.17	ng	0.00
15) 2-Fluorobiphenyl	12.67	172	6775	0.18	ng	0.01
25) Fluoranthene-d10	18.84	212	12912	0.19	ng	0.00
29) Terphenyl-d14	19.46	244	9633	0.16	ng	0.00

Target Compounds					Qvalue	
17) Acenaphthene	14.11	154	1509	0.047	ng	95
18) Fluorene	15.11	166	1534	0.038	ng	91
23) Phenanthrene	16.84	178	22875	0.357	ng	98
24) Anthracene	16.93	178	5981	0.093	ng	97
26) Fluoranthene	18.88	202	46399	0.564	ng	100
28) Pyrene	19.24	202	39691	0.440	ng	# 94
30) Benzo(a)anthracene	21.01	228	22579	0.256	ng	98
31) Chrysene	21.05	228	18339	0.216	ng	96
32) Bis(2-ethylhexyl)phthalate	20.97	149	2918	0.032	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.18	276	12702	0.124	ng	98
35) Benzo(b)fluoranthene	22.51	252	24811	0.270	ng	98
36) Benzo(k)fluoranthene	22.54	252	9942m	0.109	ng	
37) Benzo(a)pyrene	23.03	252	18930	0.216	ng	97
38) Dibenzo(a,h)anthracene	25.19	278	3284	0.038	ng	# 60
39) Benzo(a,h,i)perylene	25.81	276	13186	0.151	ng	97

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

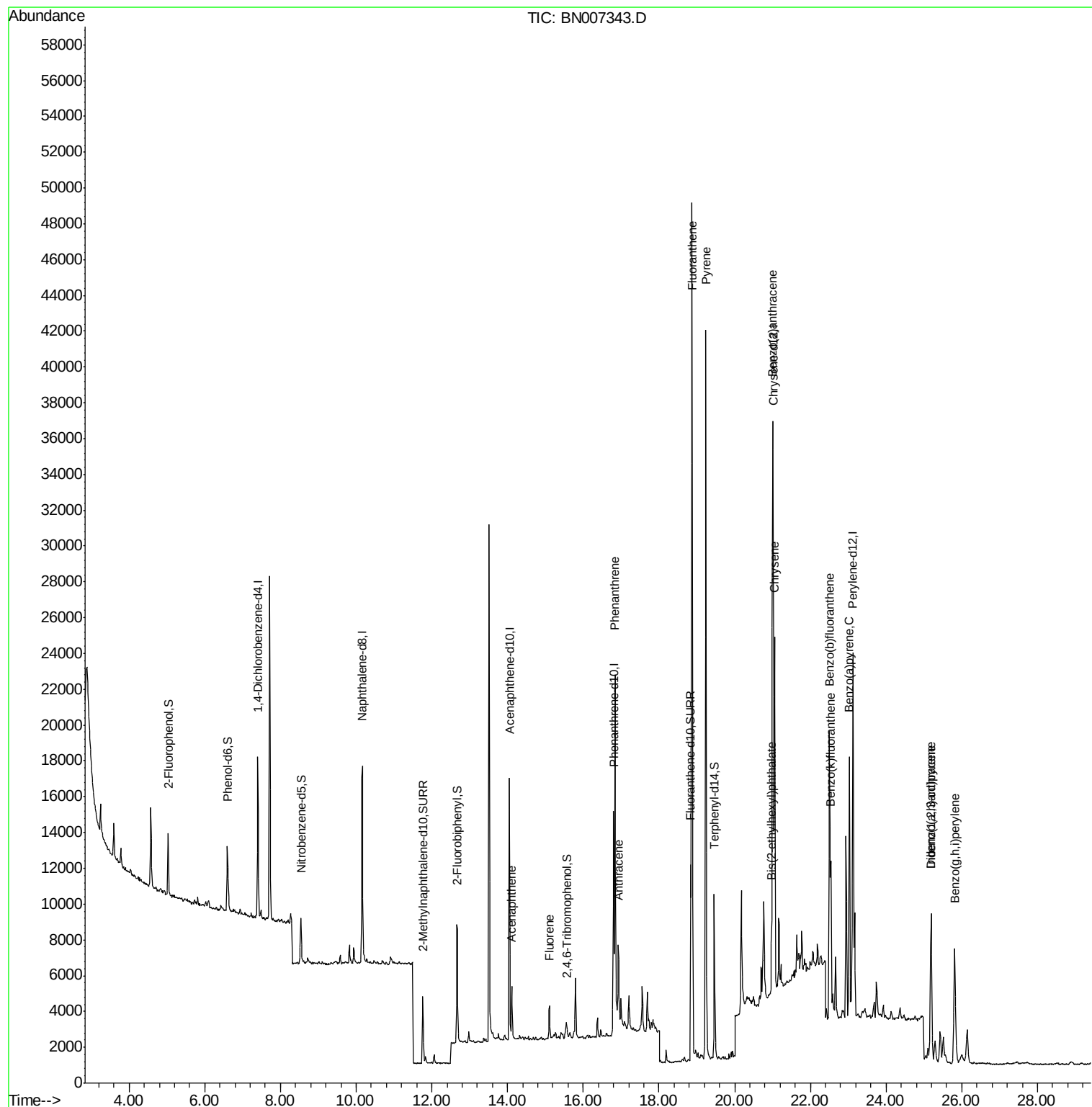
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082319\
Data File : BN007343.D
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ALS Vial : 11 Sample Multiplier: 1

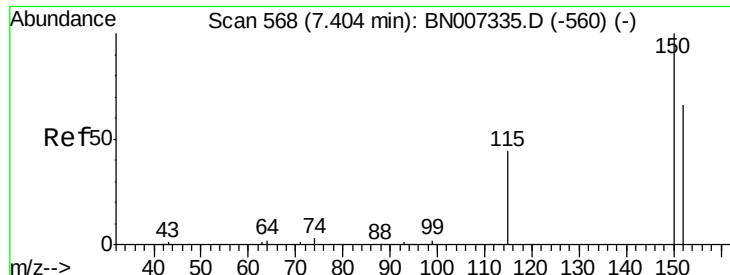
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
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#1

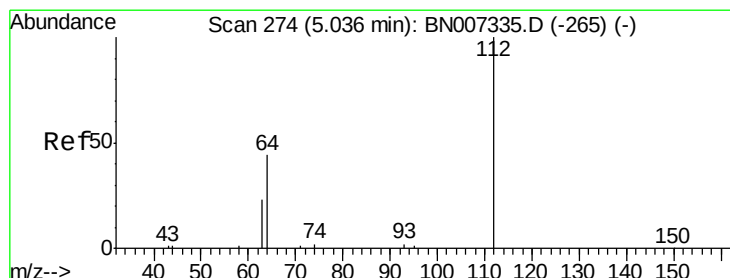
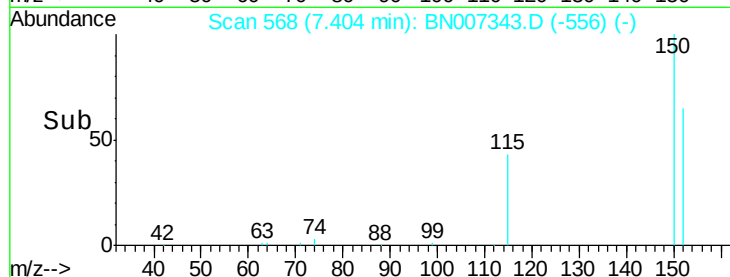
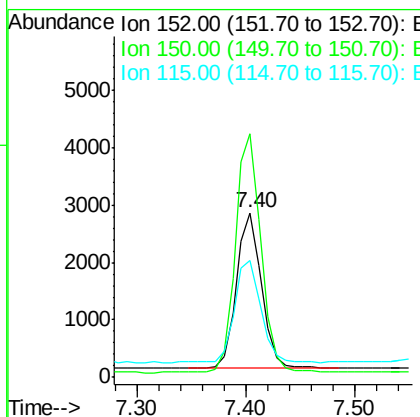
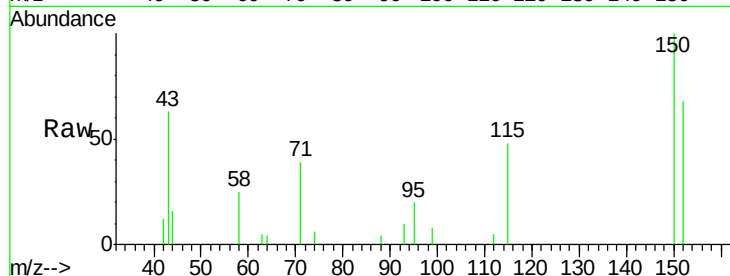
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	109.1	163.7
115	71.2	59.6	89.4

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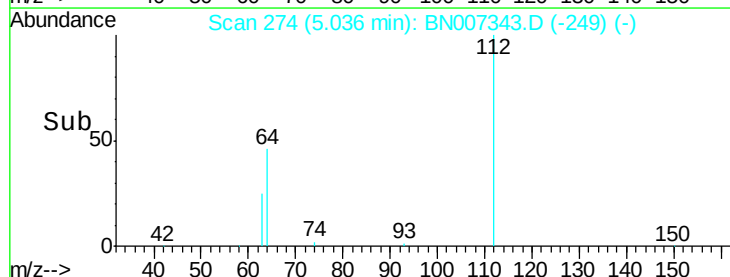
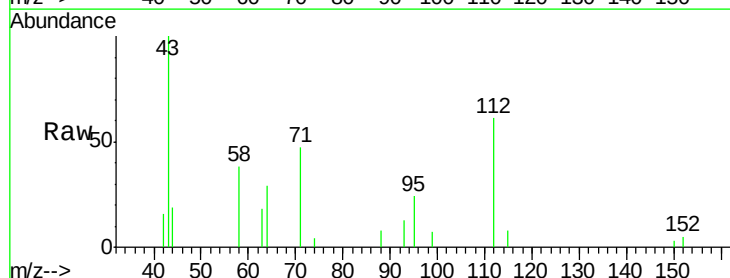
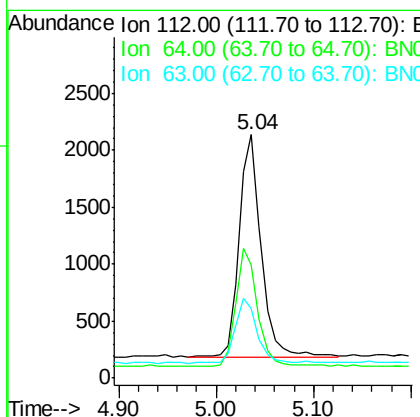
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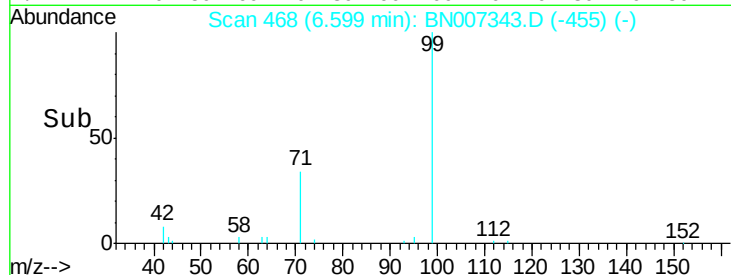
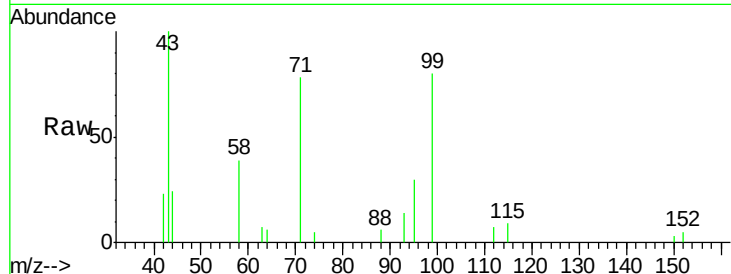
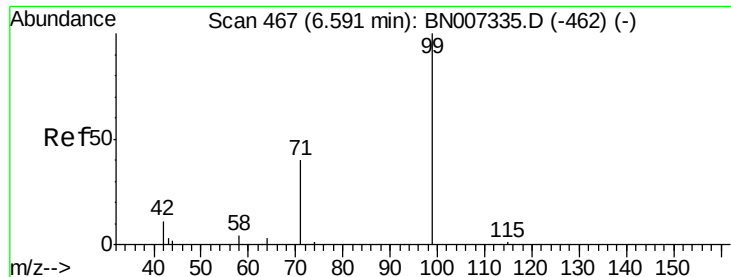


#4

2-Fluorophenol
Concen: 0.190 ng
RT: 5.04 min Scan# 274
Delta R.T. 0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.3	63.5
63	28.8	23.6	35.4





#5

Phenol-d6

Concen: 0.189 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.01 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Tot Ion:	99	Resp:	3927
Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.2	16.8
71	41.9	31.8	47.8

Instrument :

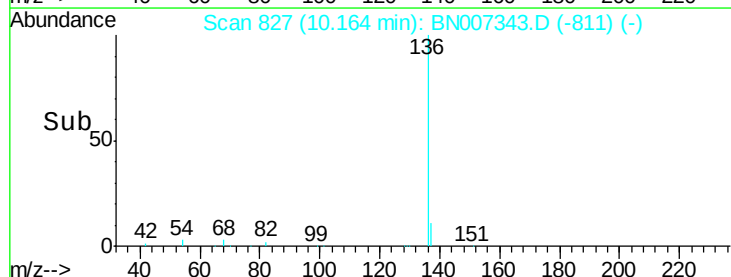
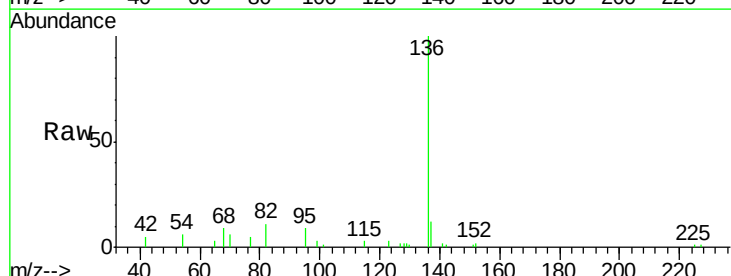
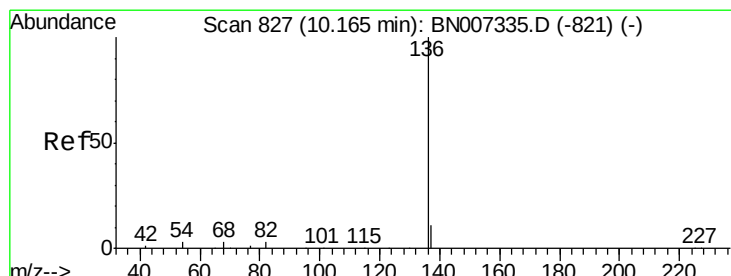
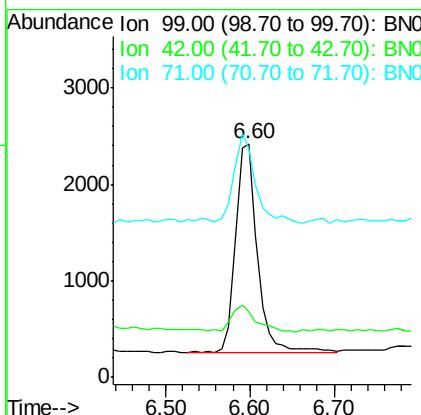
BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119

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#7

Naphthalene-d8

Concen: 0.400 ng

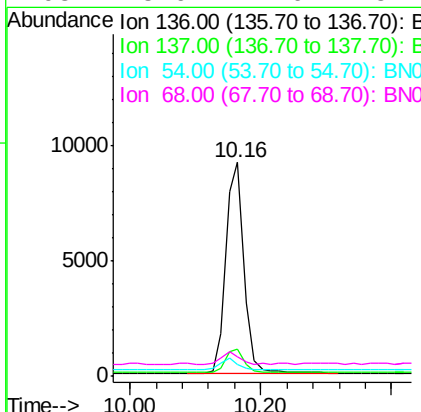
RT: 10.16 min Scan# 827

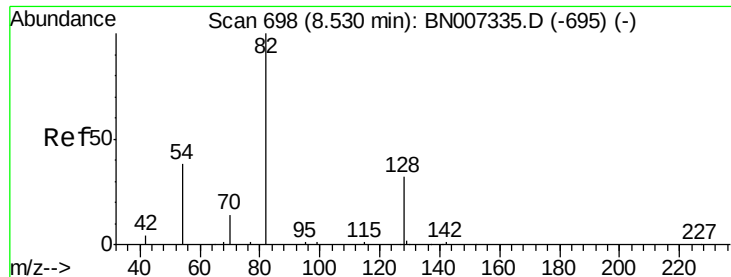
Delta R.T. -0.00 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Tgt Ion:	136	Resp:	17662
Ion	Ratio	Lower	Upper
136	100		
137	12.4	12.9	19.3#
54	5.7	8.6	12.8#
68	8.9	17.0	25.4#





#8

Nitrobenzene-d5

Concen: 0.183 ng

RT: 8.54 min Scan# 699

Delta R.T. 0.01 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Instrument :

BNA_N

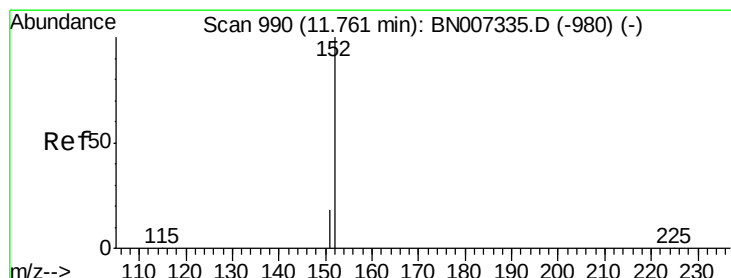
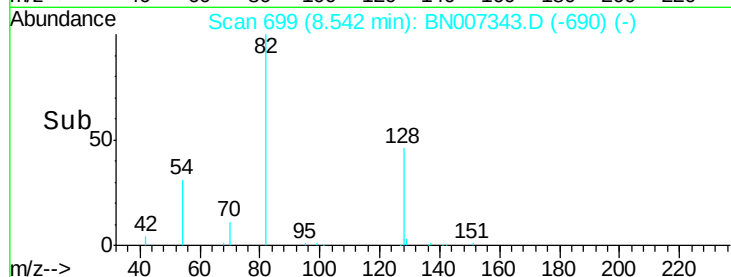
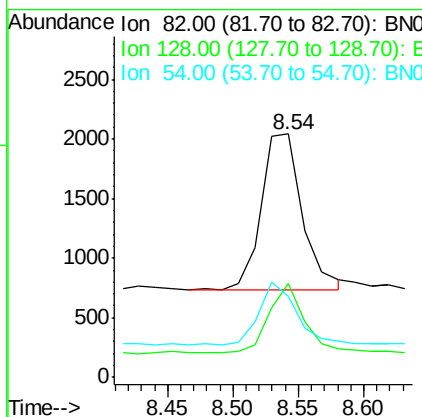
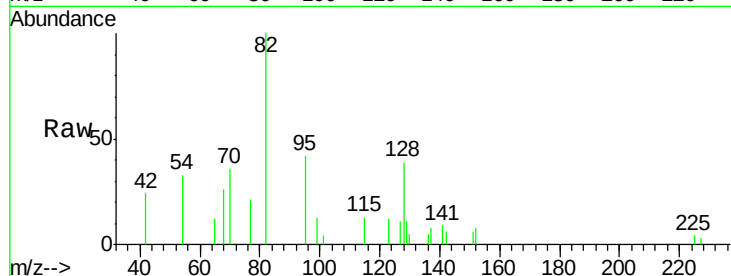
ClientSampleId :

N3-SB1-1.0-1.5-082119

Tot Ion:	82	Resp:	2820
Ion	Ratio	Lower	Upper
82	100		
128	38.7	19.7	29.5#
54	33.2	25.8	38.6

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#11

2-Methylnaphthalene-d10

Concen: 0.189 ng

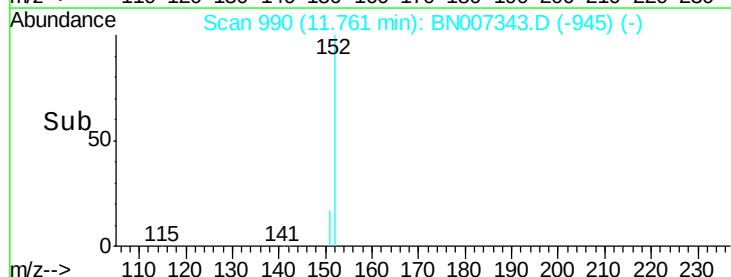
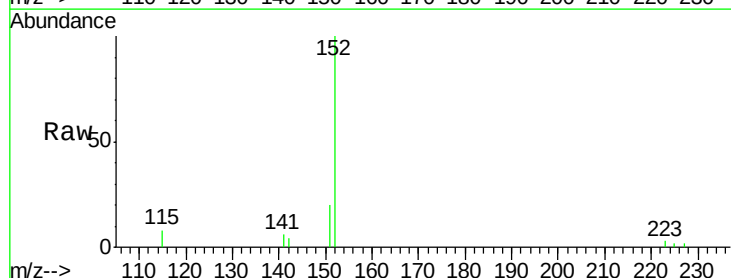
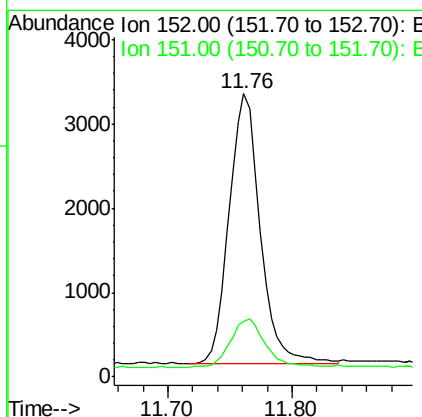
RT: 11.76 min Scan# 990

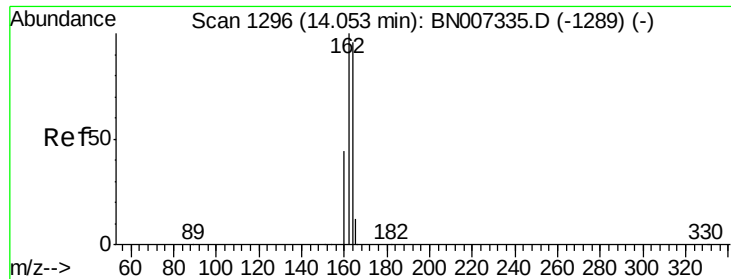
Delta R.T. -0.00 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Tgt Ion:	152	Resp:	5541
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2





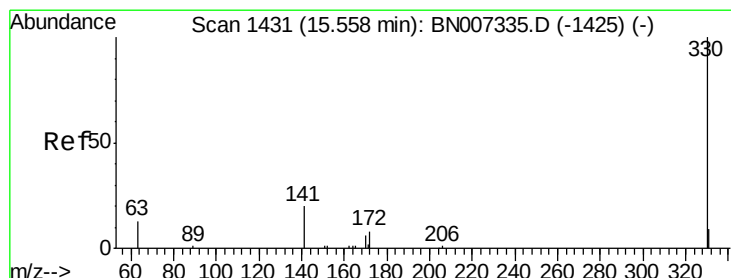
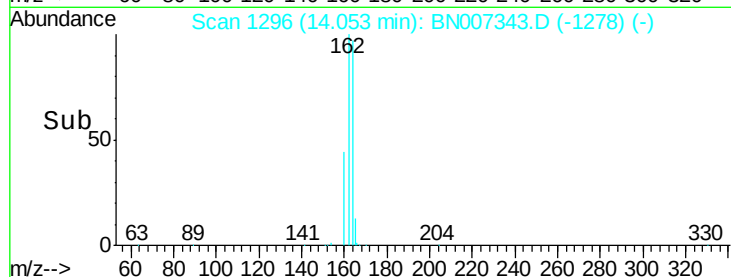
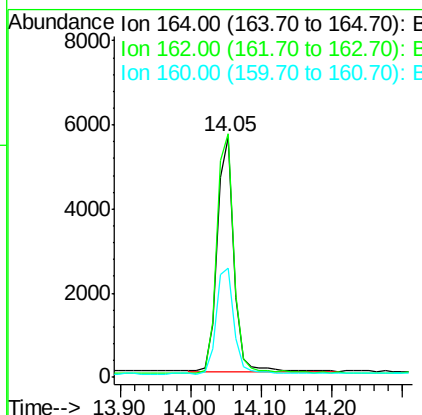
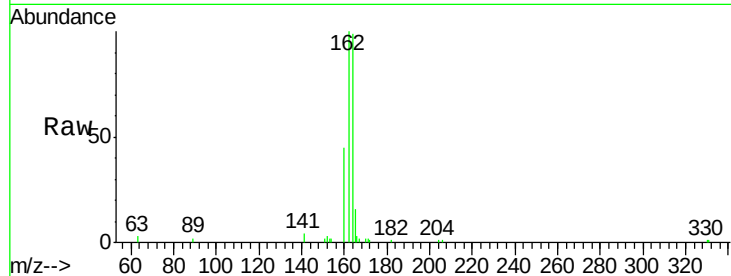
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.5	125.3
160	45.5	38.2	57.4

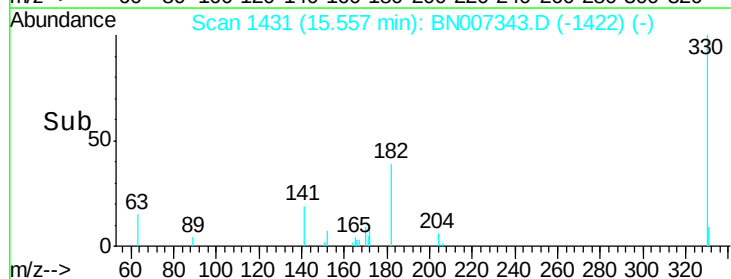
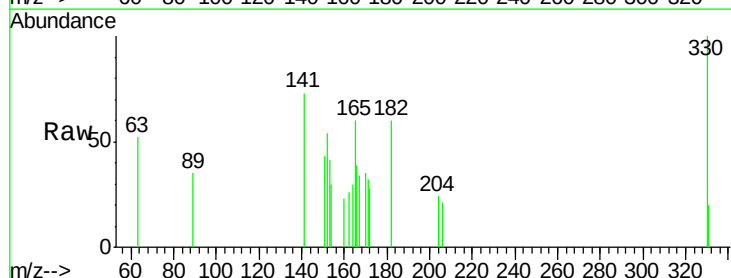
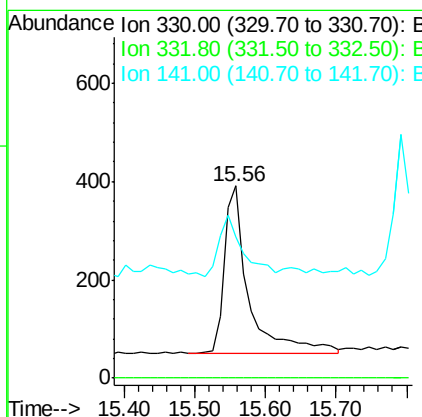
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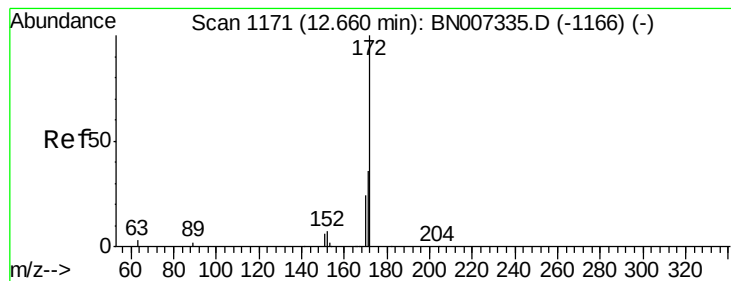
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#14
2,4,6-Tribromophenol
Concen: 0.173 ng
RT: 15.56 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	26.9	40.3





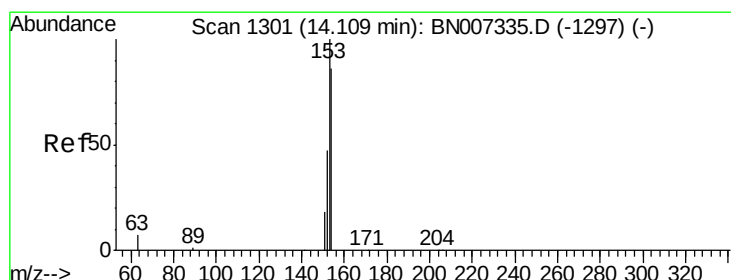
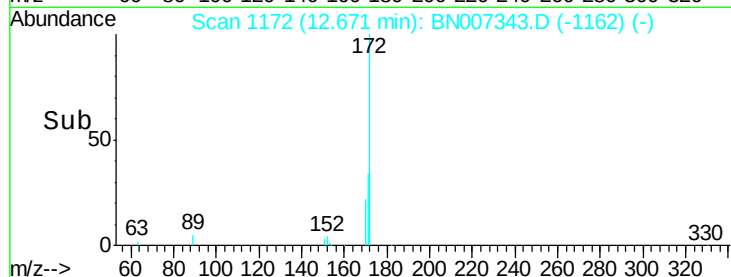
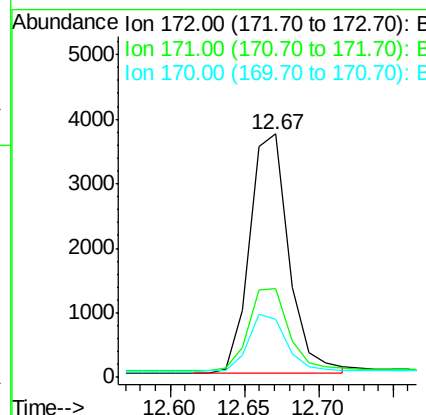
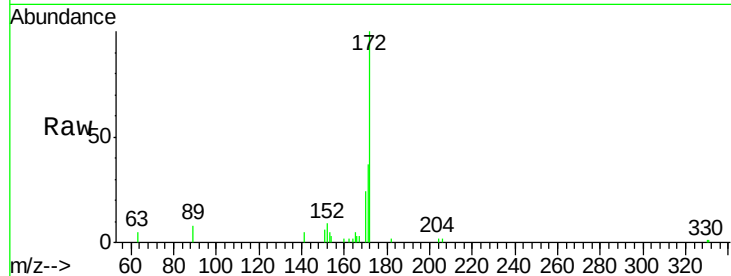
#15
2-Fluorobiphenyl
Concen: 0.182 ng
RT: 12.67 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.3	45.5
170	23.8	20.7	31.1

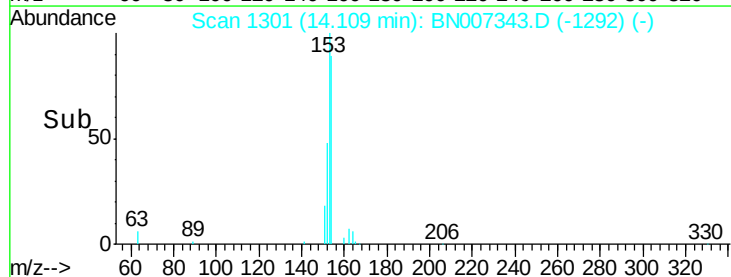
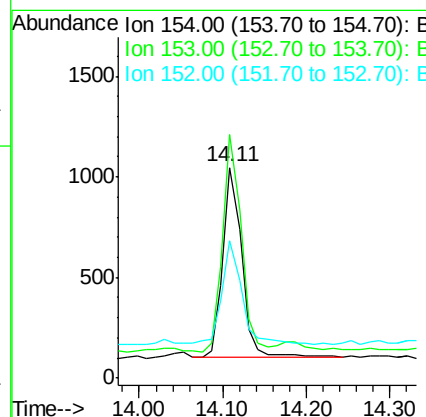
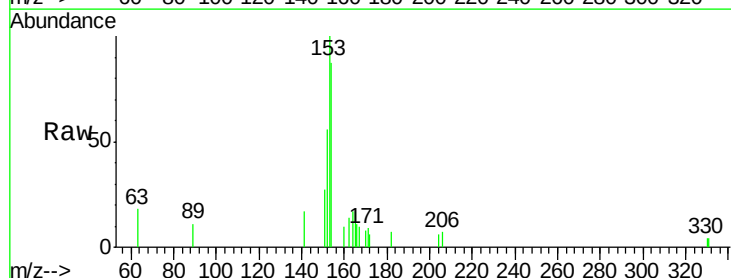
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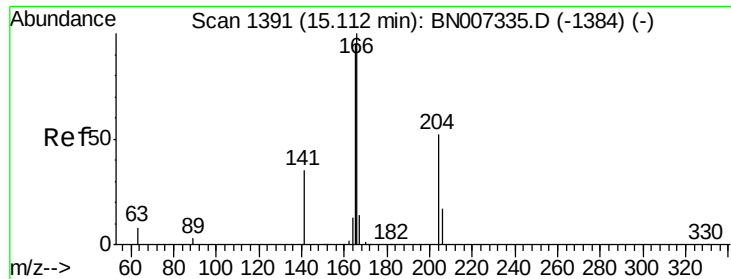
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#17
Acenaphthene
Concen: 0.047 ng
RT: 14.11 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	92.8	139.2
152	57.1	43.8	65.8





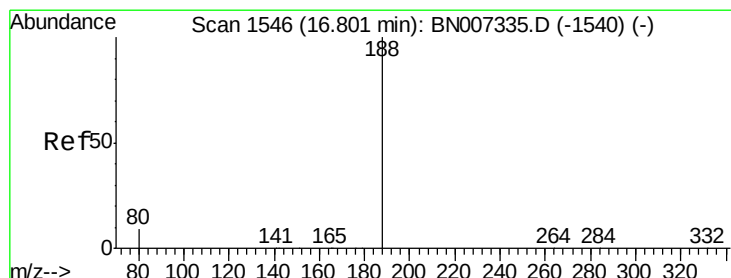
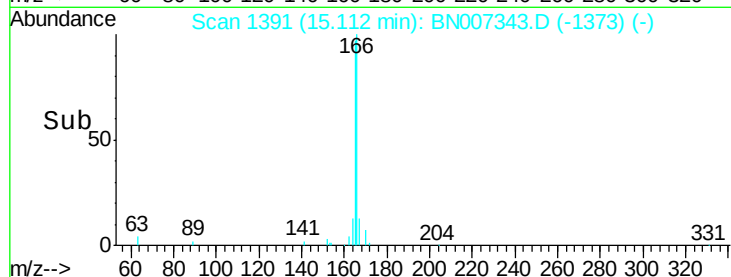
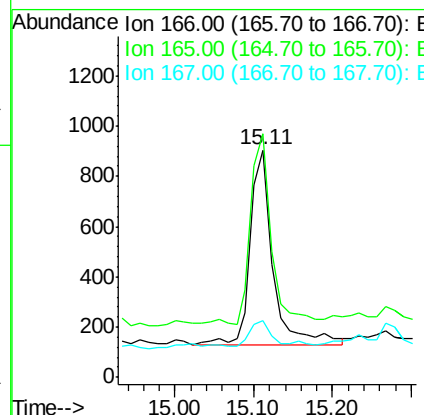
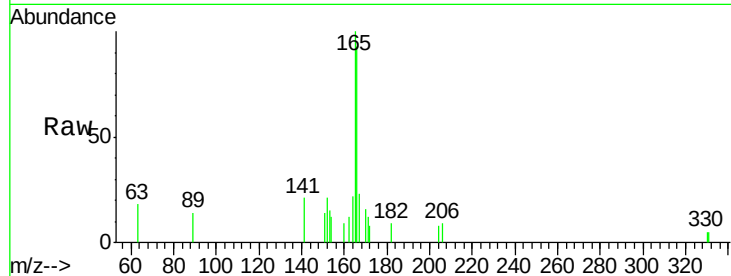
#18
Fluorene
Concen: 0.038 ng
RT: 15.11 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Instrument :
BNA_N
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Tot Ion	Ratio	Lower	Upper
166	100		
165	89.0	79.0	118.4
167	12.5	10.6	15.8

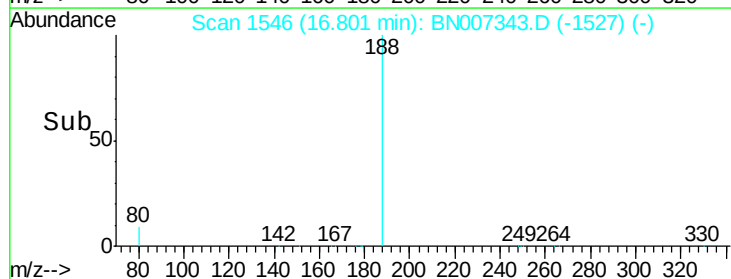
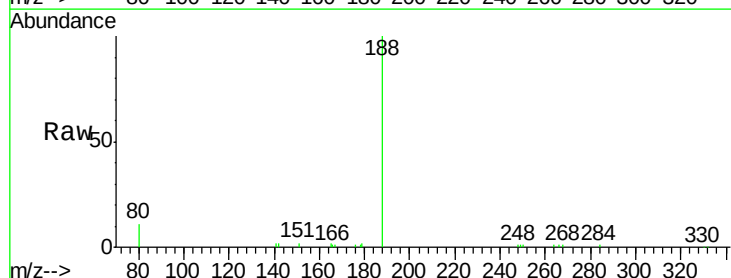
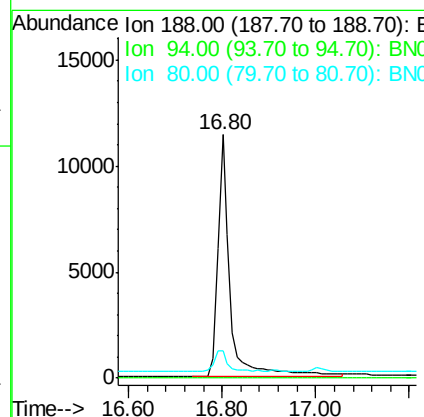
Manual Integrations
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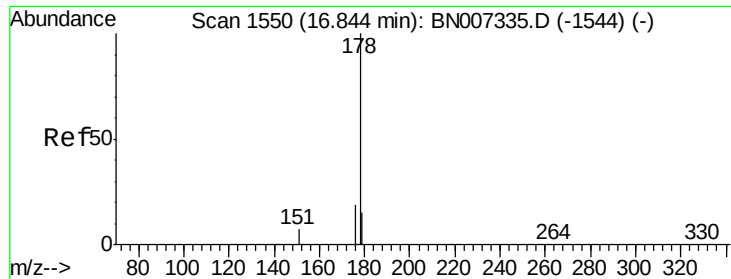
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	11.8	17.8#





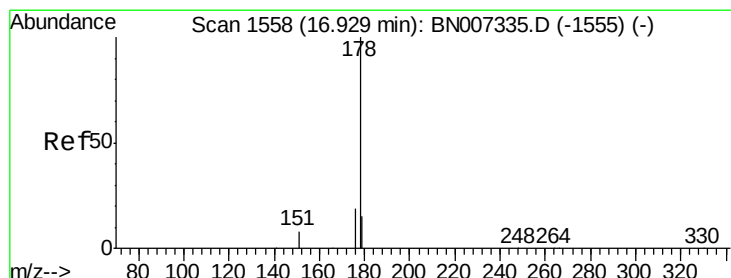
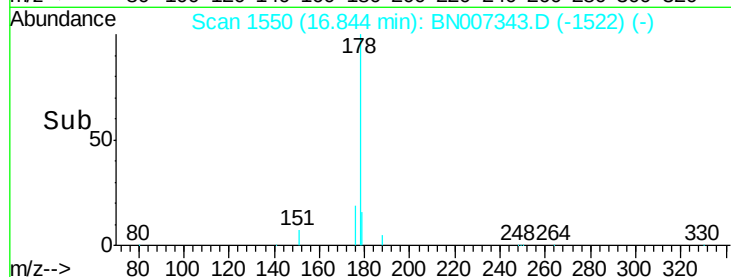
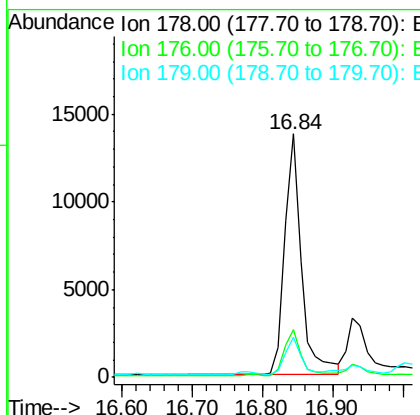
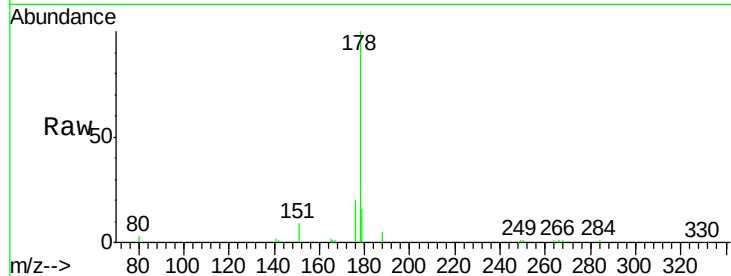
#23
Phenanthrene
Concen: 0.357 ng
RT: 16.84 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	14.5	12.6	19.0

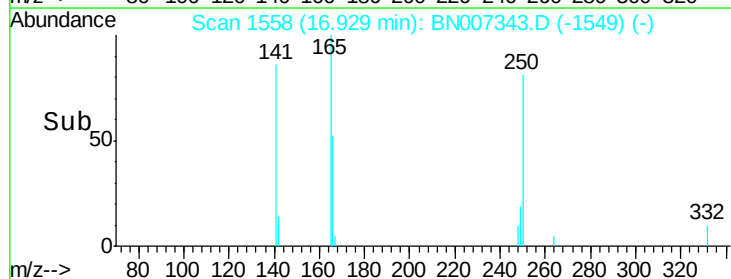
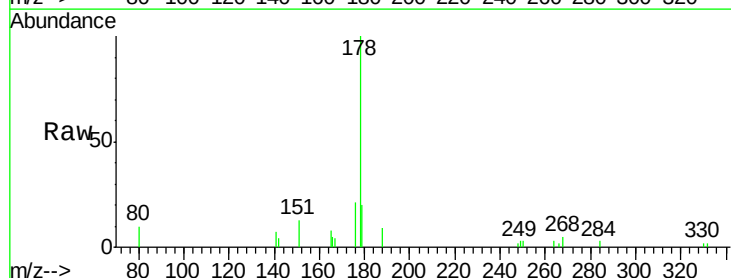
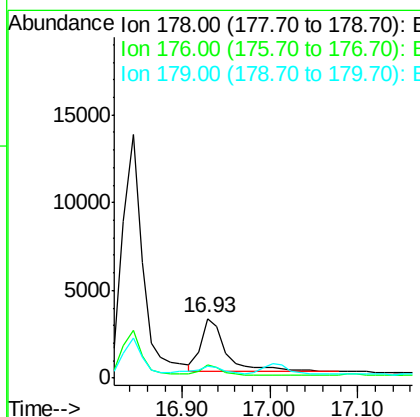
Manual Integrations
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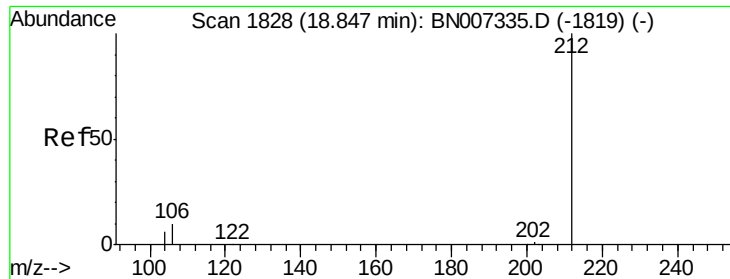
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#24
Anthracene
Concen: 0.093 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.9	14.9	22.3
179	14.7	12.4	18.6





#25

Fluoranthene-d10

Concen: 0.188 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Instrument :

BNA_N

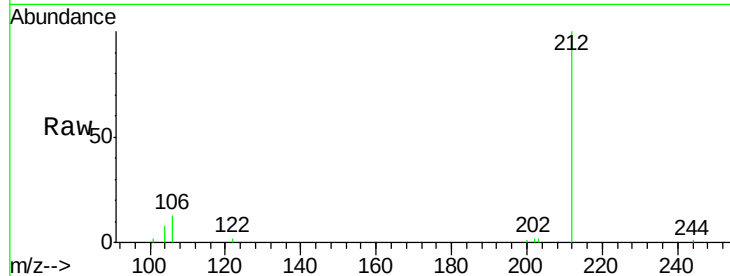
ClientSampleId :

N3-SB1-1.0-1.5-082119

Tot Ion	Ratio	Resp	Lower	Upper
212	100	12912		
106	11.2	9.0	13.4	
104	6.7	5.4	8.2	

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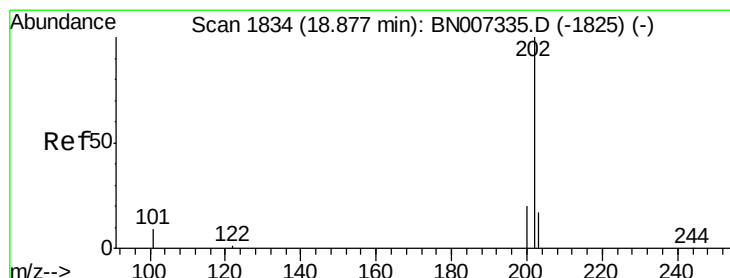
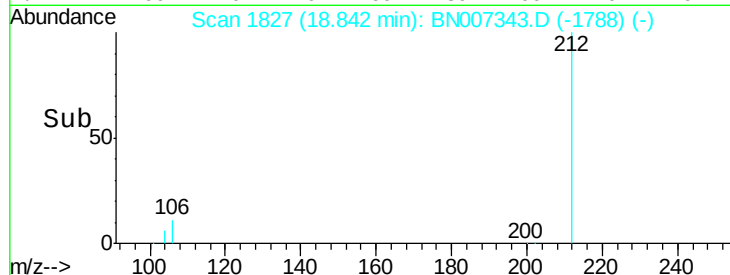
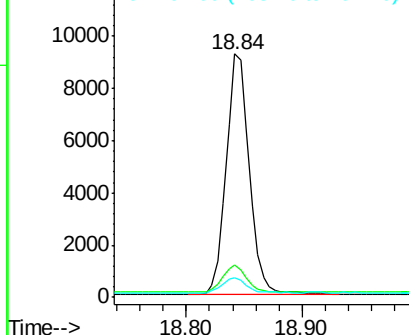


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.564 ng

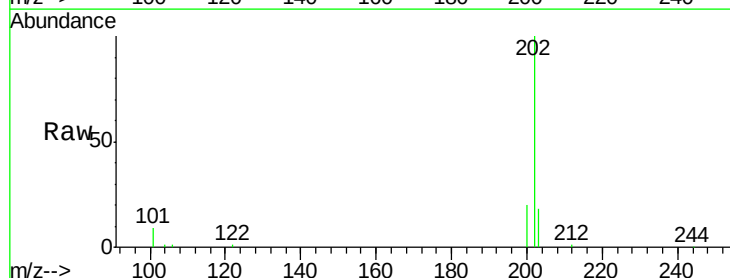
RT: 18.88 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	46399		
101	9.5	7.7	11.5	
203	17.0	13.7	20.5	

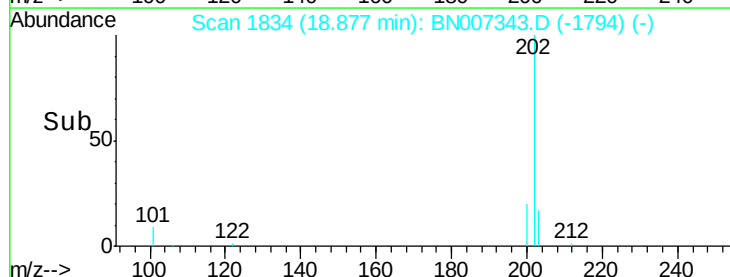
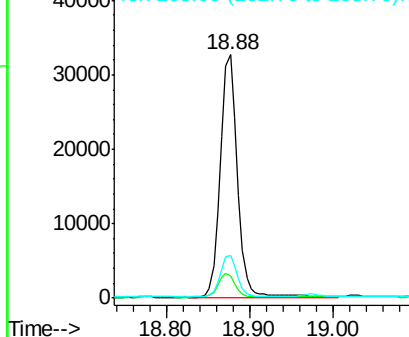


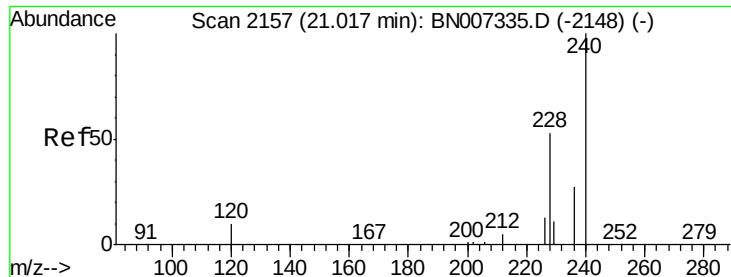
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





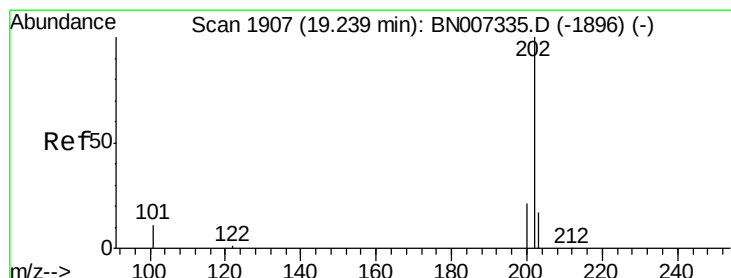
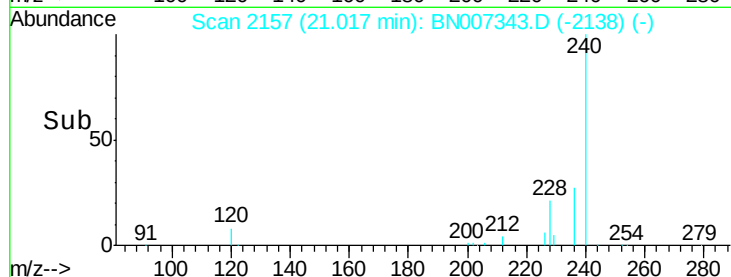
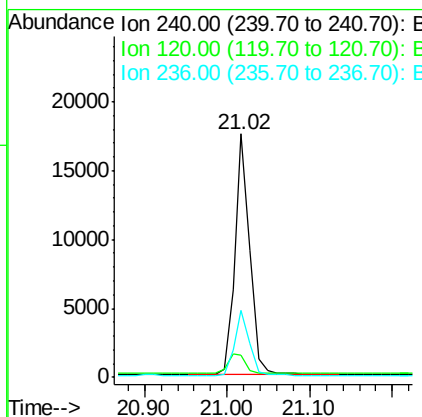
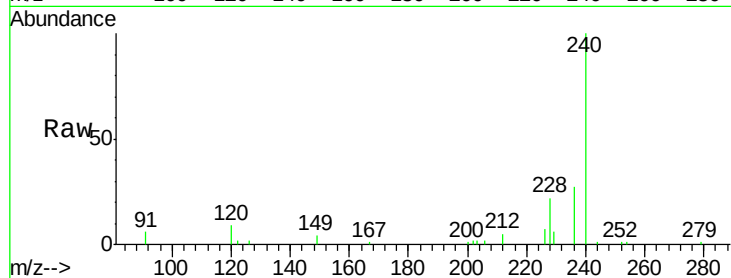
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.6	14.4#
236	27.3	22.2	33.2

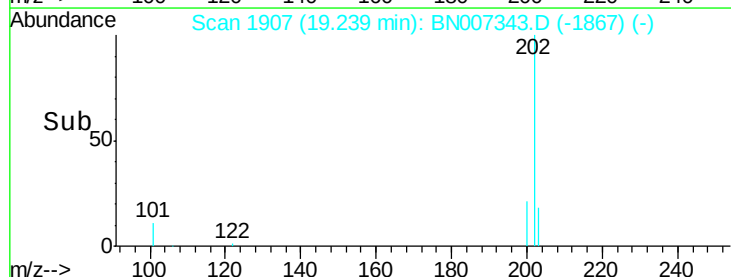
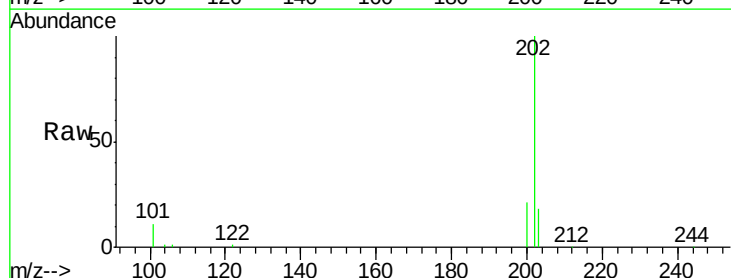
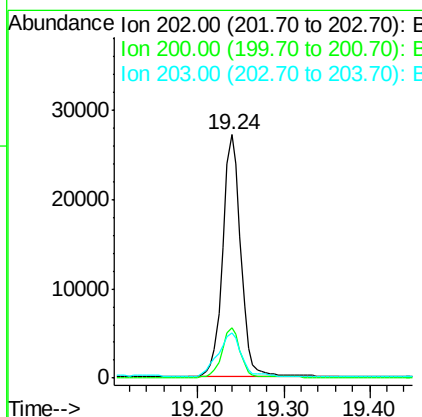
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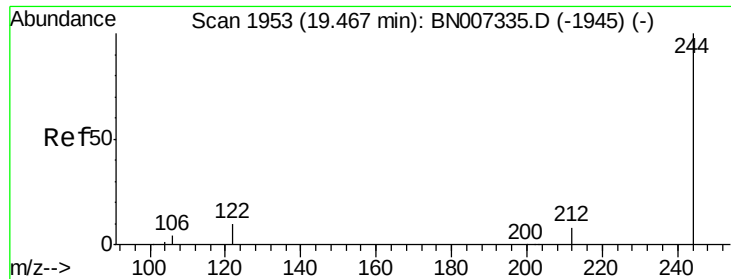
mohammad
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#28
Pyrene
Concen: 0.440 ng
RT: 19.24 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	23.6	14.2	21.4#





#29

Terphenyl-d14

Concen: 0.164 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Instrument :

BNA_N

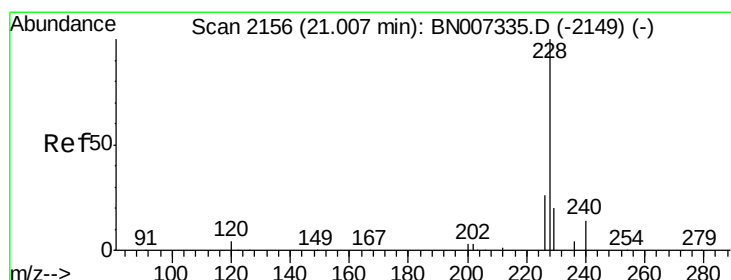
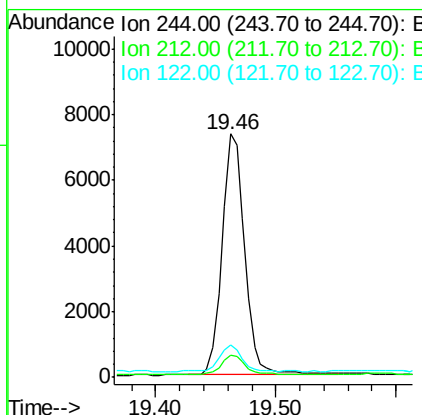
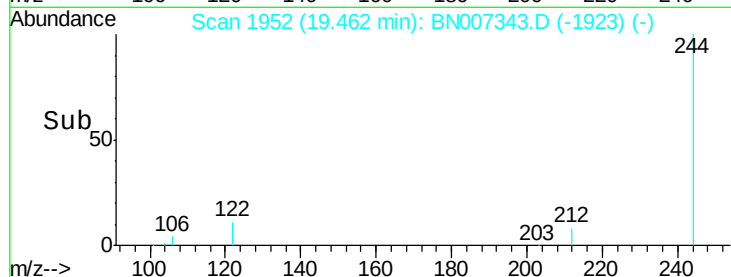
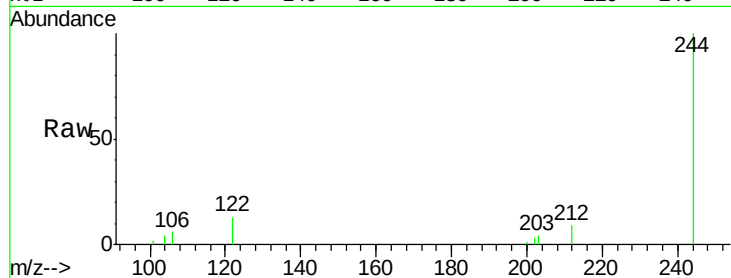
ClientSampleId :

N3-SB1-1.0-1.5-082119

Tot Ion:	244	Resp:	9633
Ion Ratio	Lower	Upper	
244	100		
212	9.1	7.0	10.6
122	13.2	9.6	14.4

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#30

Benzo(a)anthracene

Concen: 0.256 ng

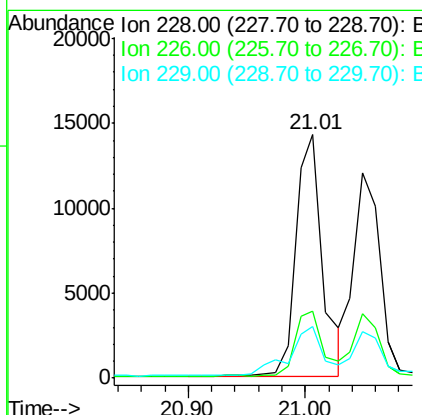
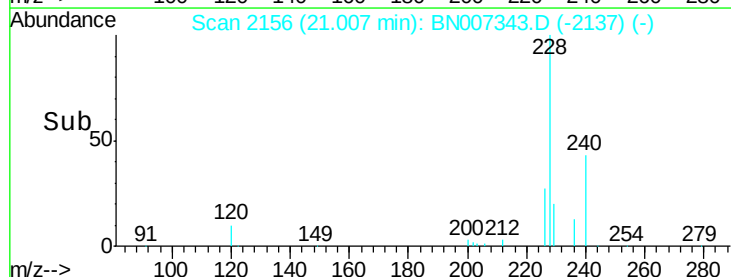
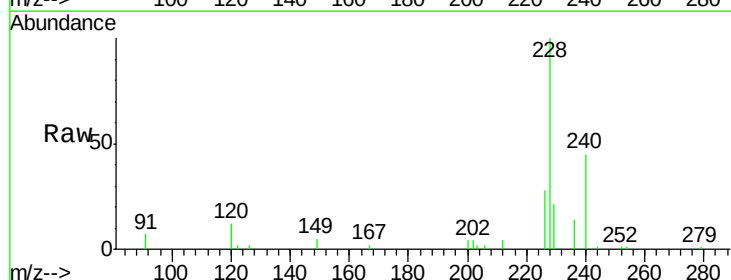
RT: 21.01 min Scan# 2156

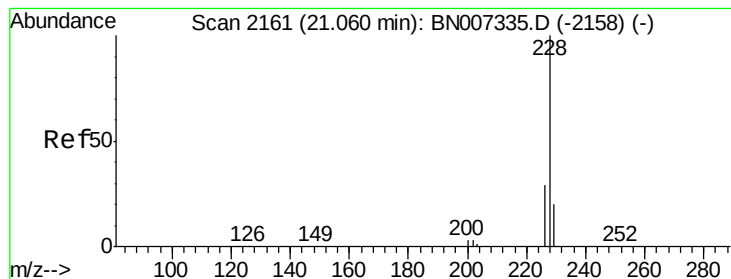
Delta R.T. -0.00 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Tgt Ion:	228	Resp:	22579
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.3	31.9
229	21.4	16.1	24.1





#31

Chrysene

Concen: 0.216 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Instrument :

BNA_N

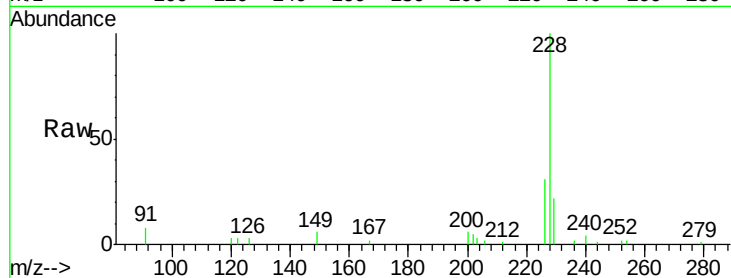
ClientSampleId :

N3-SB1-1.0-1.5-082119

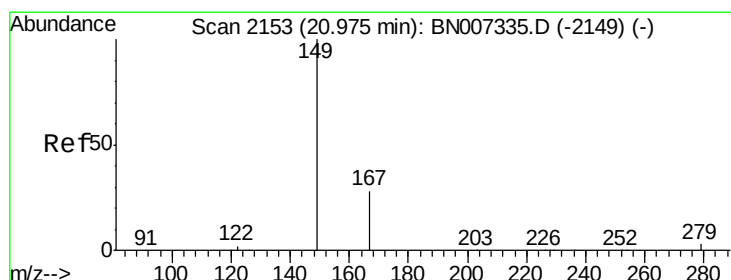
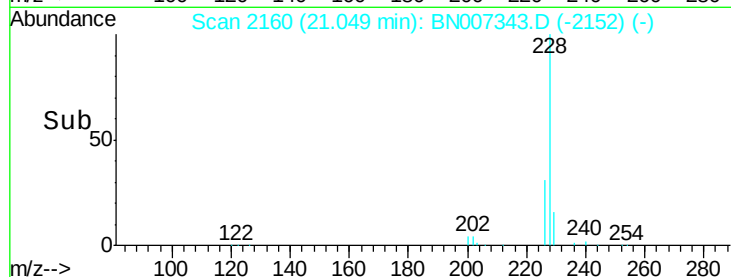
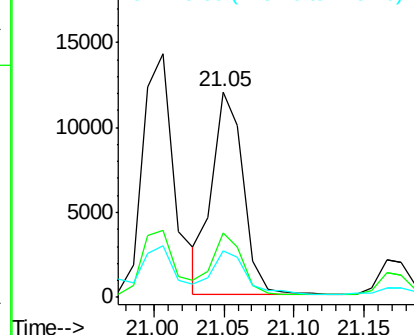
Tot Ion:	228	Resp:	18339
Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.5	35.3
229	22.4	16.6	24.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

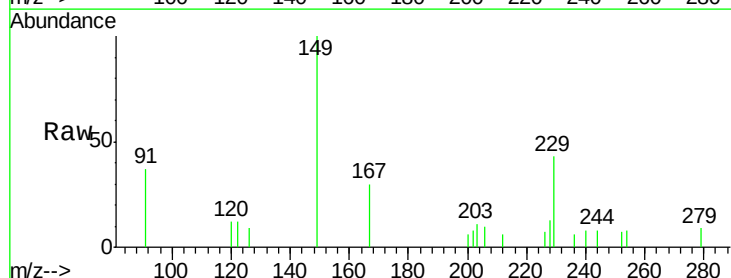
RT: 20.97 min Scan# 2153

Delta R.T. 0.00 min

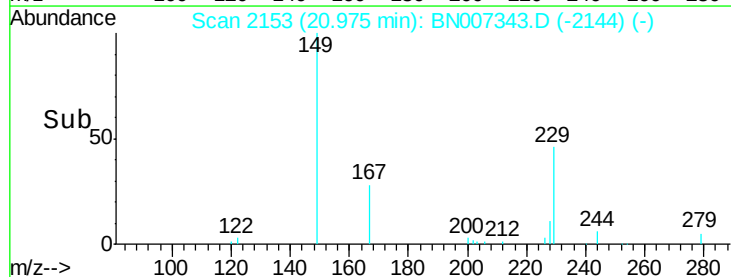
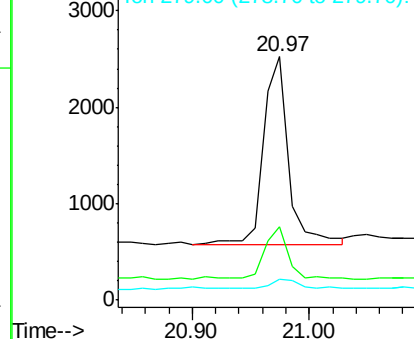
Lab File: BN007343.D

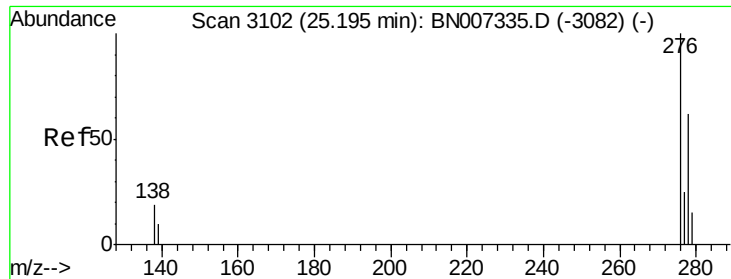
Acq: 24 Aug 2019 01:01

Tgt Ion:	149	Resp:	2918
Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.8	34.2
279	6.2	3.5	5.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





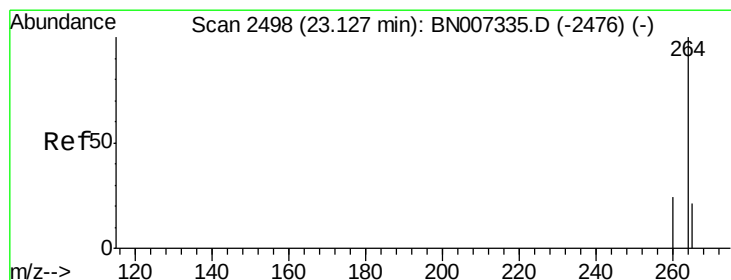
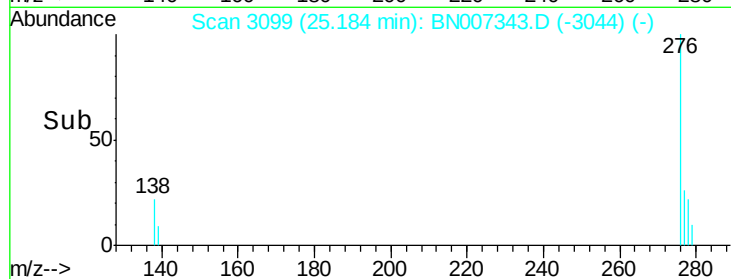
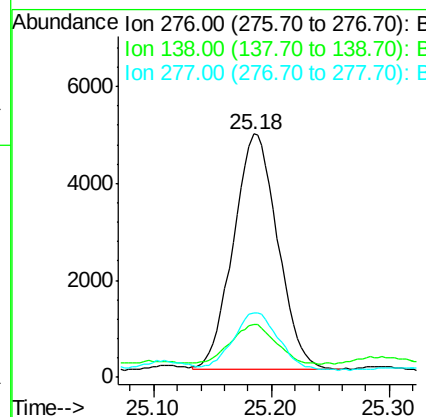
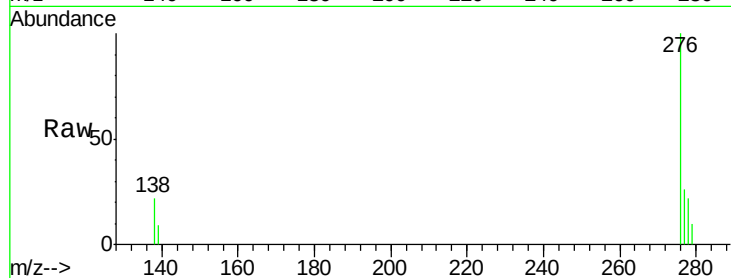
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.124 ng
 RT: 25.18 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BN007343.D
 Acq: 24 Aug 2019 01:01

Instrument :
 BNA_N
 ClientSampleId :
 N3-SB1-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	15.1	22.7
277	24.7	19.7	29.5

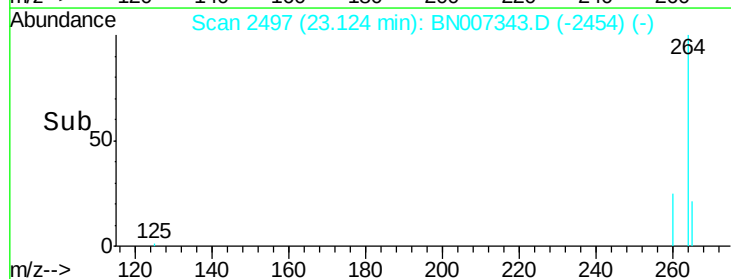
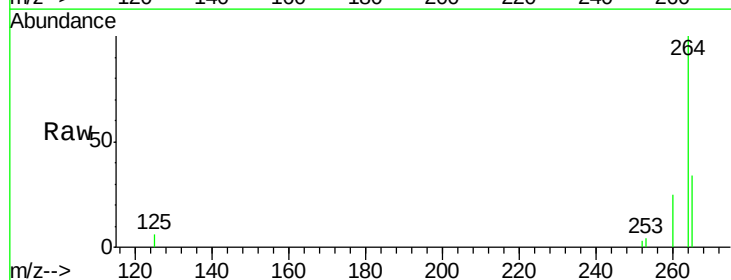
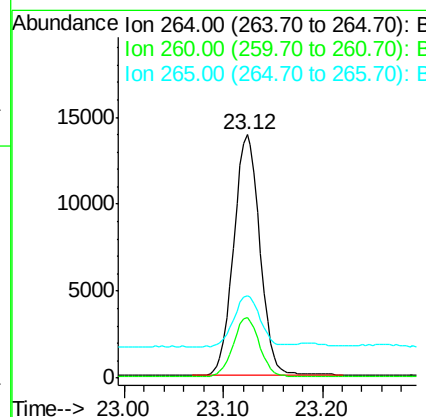
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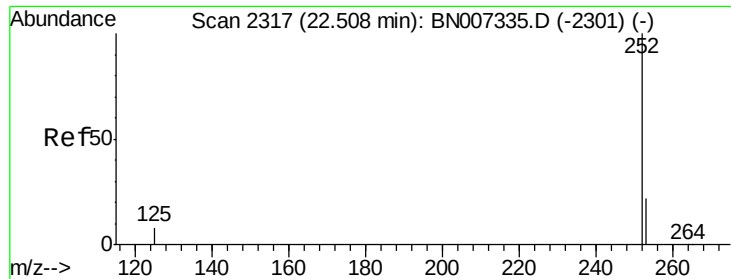
mohammad
 8/29/2019 7:59:32 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2497
 Delta R.T. -0.00 min
 Lab File: BN007343.D
 Acq: 24 Aug 2019 01:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	34.0	29.9	44.9





#35

Benzo(b)fluoranthene

Concen: 0.270 ng

RT: 22.51 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Instrument :

BNA_N

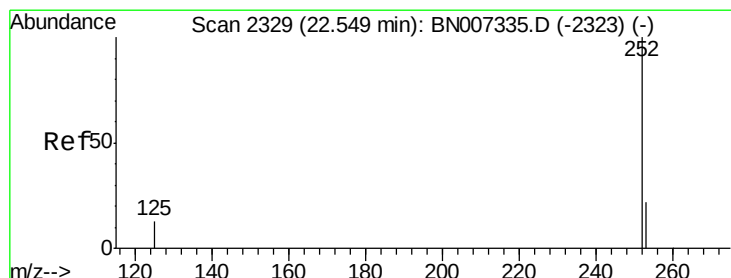
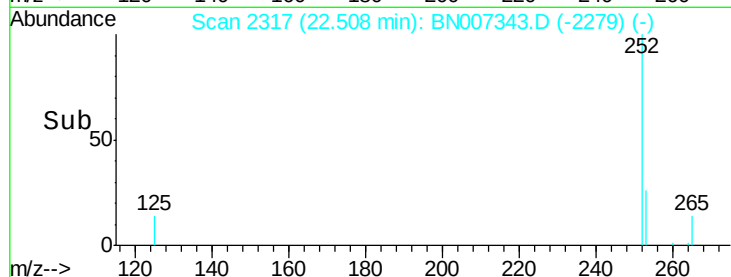
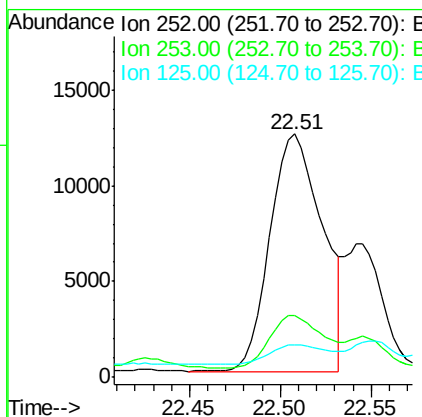
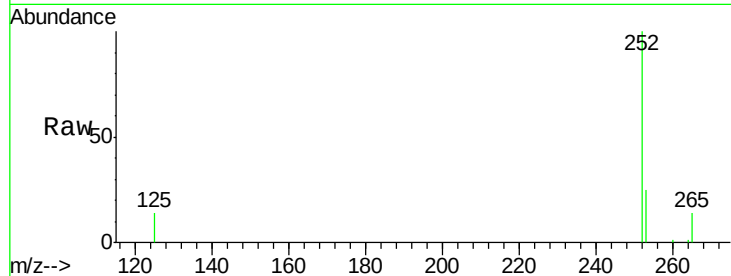
ClientSampleId :

N3-SB1-1.0-1.5-082119

Tot Ion:	252	Resp:	24811
Ion Ratio	Lower	Upper	
252	100		
253	25.3	19.2	28.8
125	13.5	10.6	16.0

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#36

Benzo(k)fluoranthene

Concen: 0.109 ng m

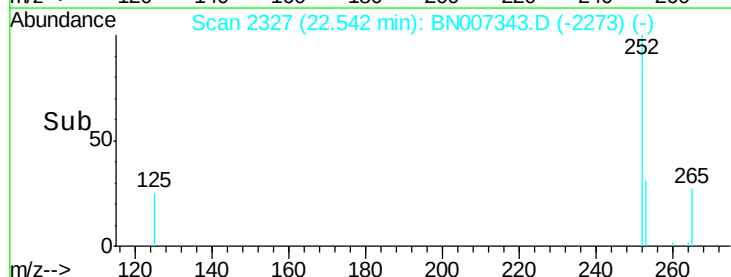
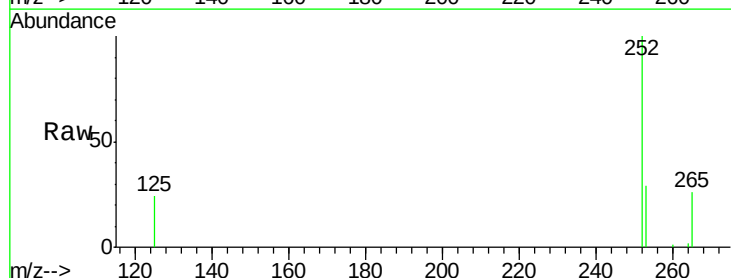
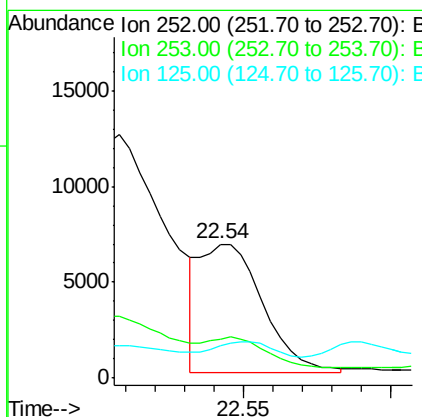
RT: 22.54 min Scan# 2327

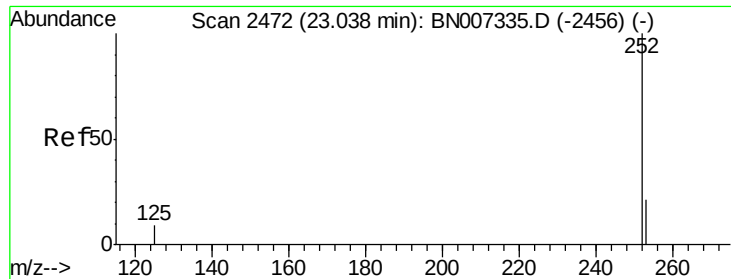
Delta R.T. -0.01 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Tgt Ion:	252	Resp:	9942
Ion Ratio	Lower	Upper	
252	100		
253	29.5	19.4	29.2#
125	23.9	13.1	19.7#





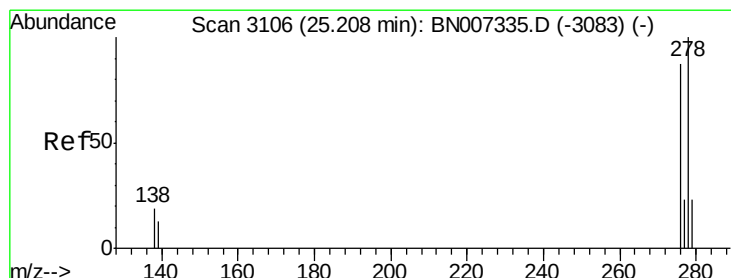
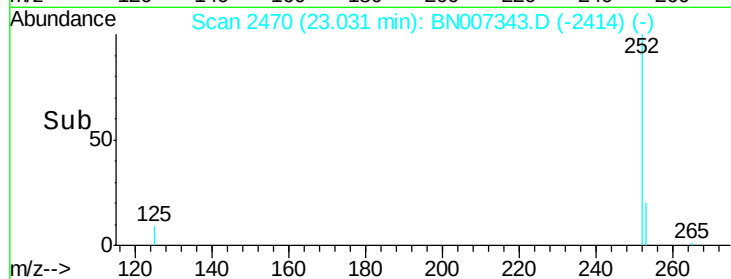
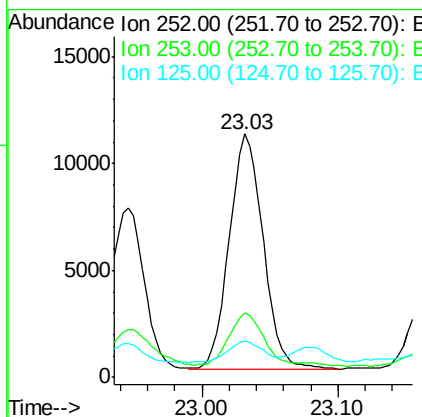
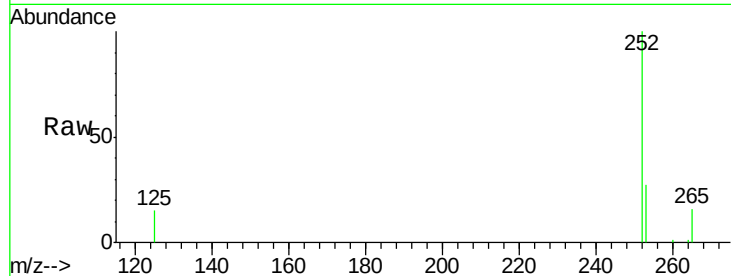
#37
Benzo(a)pyrene
Concen: 0.216 ng
RT: 23.03 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.5	29.3
125	15.1	12.1	18.1

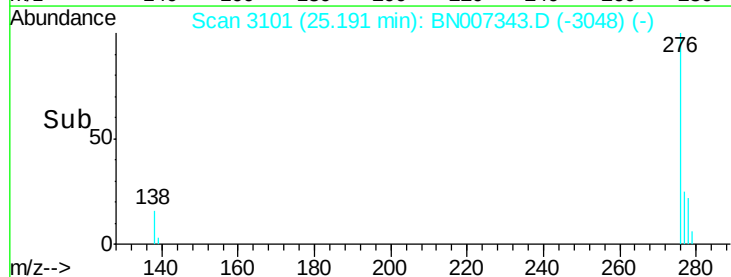
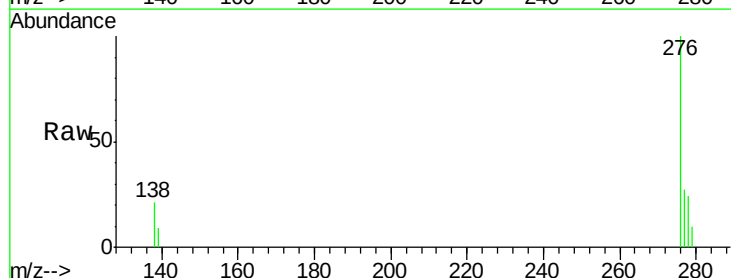
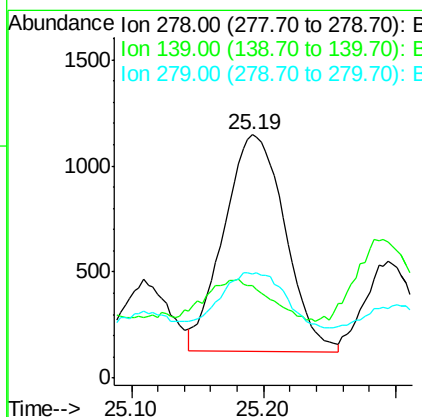
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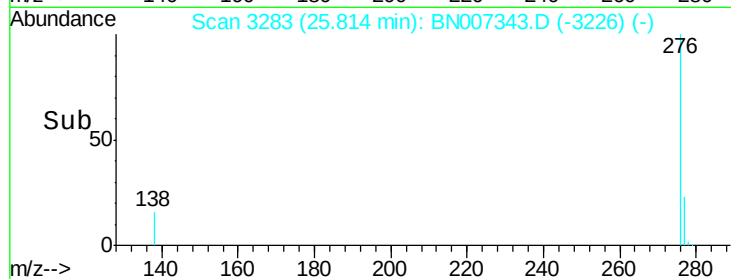
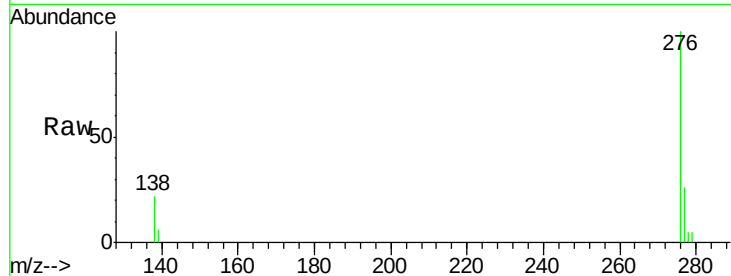
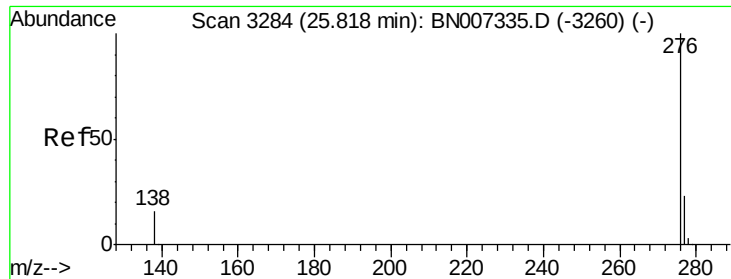
mohammad
8/29/2019 7:59:32 AM



#38
Dibenzo(a,h)anthracene
Concen: 0.038 ng
RT: 25.19 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BN007343.D
Acq: 24 Aug 2019 01:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.3	13.7	20.5#
279	42.5	20.2	30.4#





#39

Benzo(a,h,i)perylene

Concen: 0.151 ng

RT: 25.81 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BN007343.D

Acq: 24 Aug 2019 01:01

Tot Ion:	276	Resp:	13186
Ion Ratio	Lower	Upper	
276	100		
277	25.5	19.6	29.4
138	21.8	16.3	24.5

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119

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