

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005235.D
 Acq On : 24 Apr 2019 03:40
 Operator : JU/SJ
 Sample : K2402-07DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHH9DL

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:46:00 AM

Quant Time: Apr 24 09:47:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	496731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2121319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1210296	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2463295	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1627074	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1769183	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	7189	0.70	ng/uL	0.00
5) Phenol-d5	6.78	99	146583	3.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	95370	3.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	119669	4.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	120132	3.94	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	56244	4.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	54706	4.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	119554	3.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	70625	2.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	395116	4.50	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	474832	4.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	32828	2.37	ng/ul	0.00
57) Fluorene-d10	15.23	176	324192	4.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	12203	1.10	ng/ul	0.00
70) Anthracene-d10	17.08	188	458122	4.44	ng/ul	0.00
78) Pyrene-d10	19.40	212	414573	4.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	327569	4.24	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.41	128	218502	2.216	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	295252	4.089	ng/ul	97
44) Dimethylphthalate	13.69	163	125802	1.437	ng/ul	98
47) Acenaphthylene	13.95	152	912369	8.603	ng/ul	99
58) Fluorene	15.29	166	159965	1.967	ng/ul#	99
69) Phenanthrene	17.03	178	563851	4.700	ng/ul	99
71) Anthracene	17.12	178	473348	3.873	ng/ul	99
76) Fluoranthene	19.06	202	2688065	20.201	ng/ul	100
79) Pvrene	19.43	202	4870472	46.491	ng/ul	99
82) Benzo(a)anthracene	21.20	228	1943881m	19.204	ng/ul	
84) Chrysene	21.25	228	1731069	18.427	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	1353000	13.605	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	379352m	3.994	ng/ul	
90) Benzo(a)pyrene	23.32	252	1298262	13.888	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.60	276	550176	5.323	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	194645	2.219	ng/ul	96
93) Benzo(g,h,i)perylene	26.26	276	392518	4.593	ng/ul	98

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

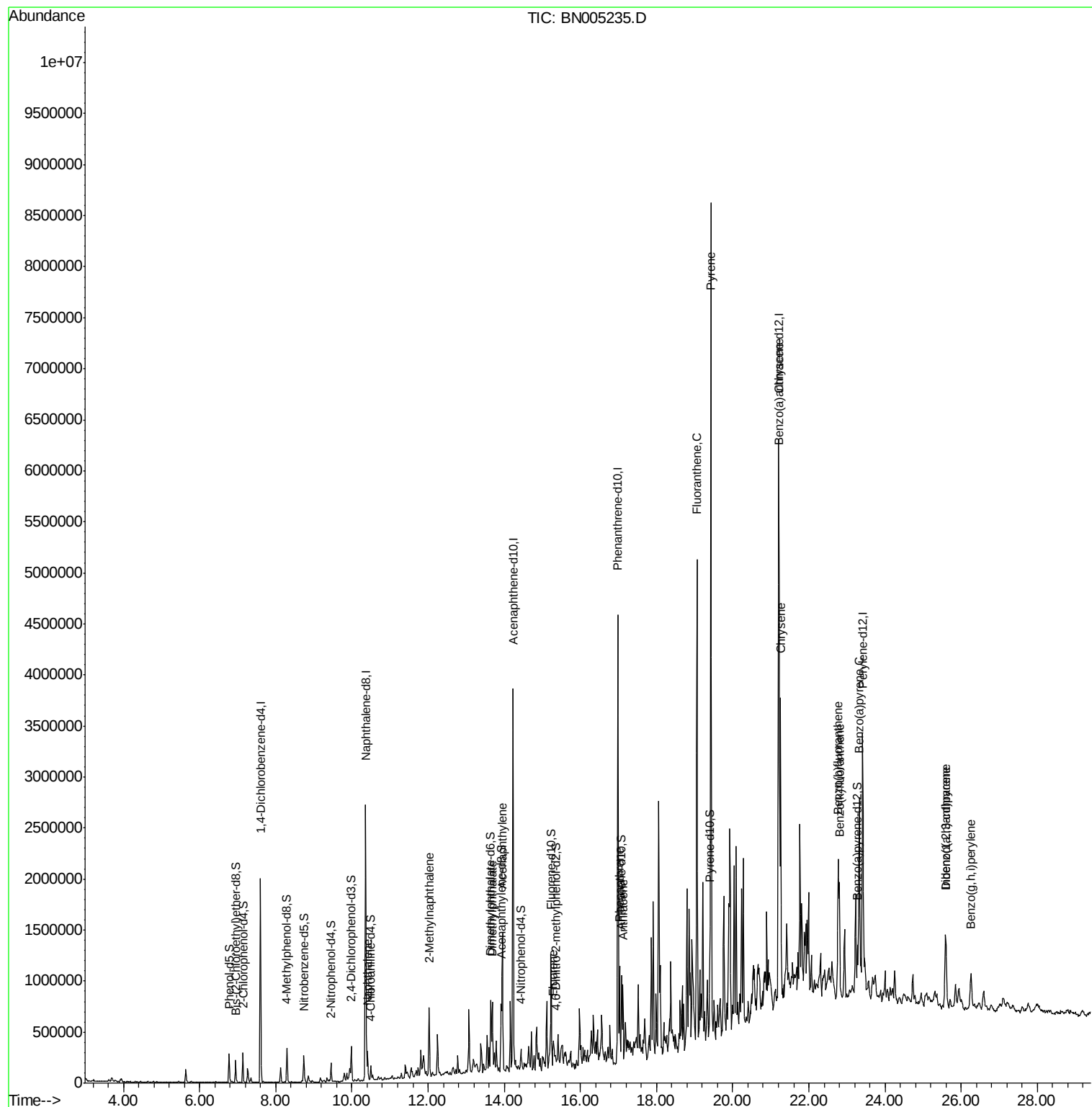
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

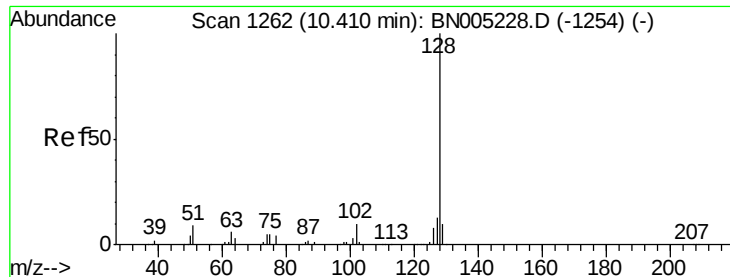
Instrument :
BNA_N
ClientSampleId :
GAHH9DL

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4/24/2019 11:46:00 AM

Quant Time: Apr 24 09:47:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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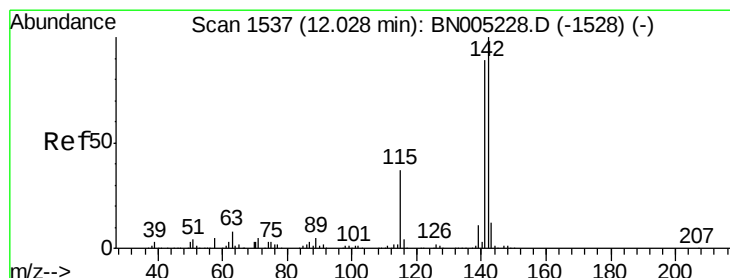
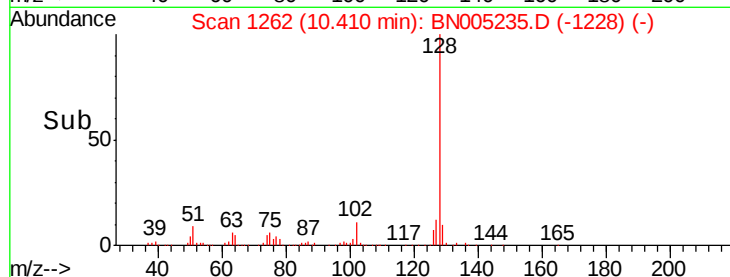
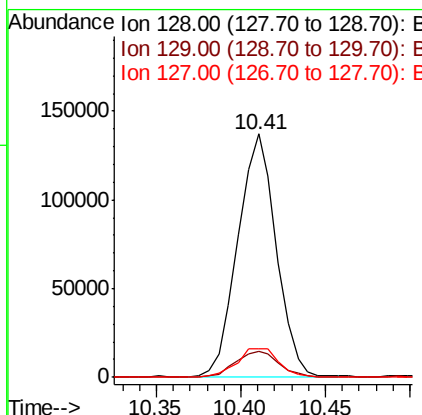
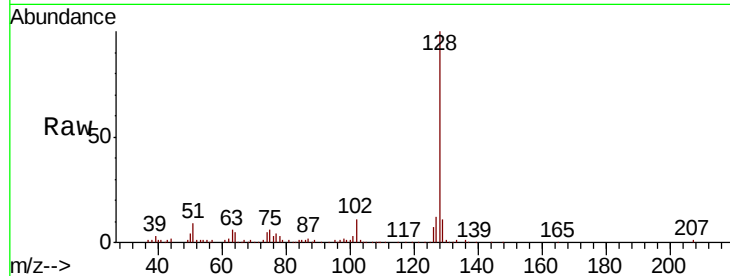
#28
Naphthalene
Concen: 2.216 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	11.9	10.7	16.1

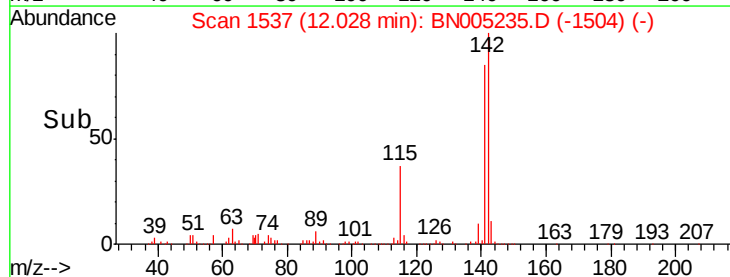
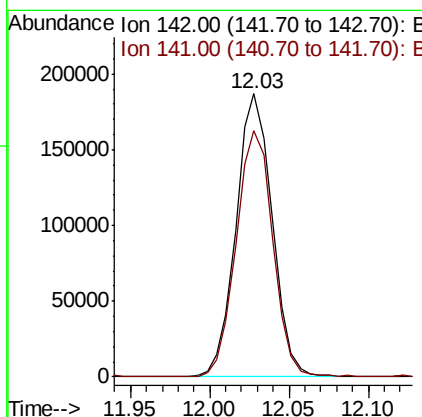
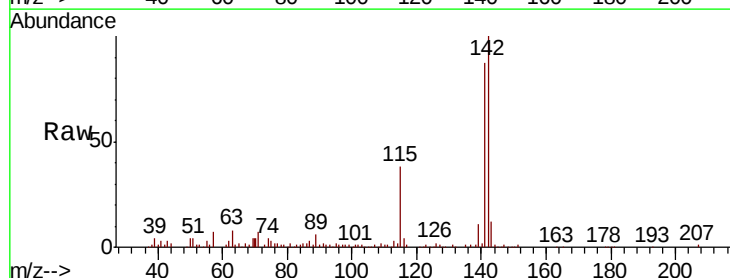
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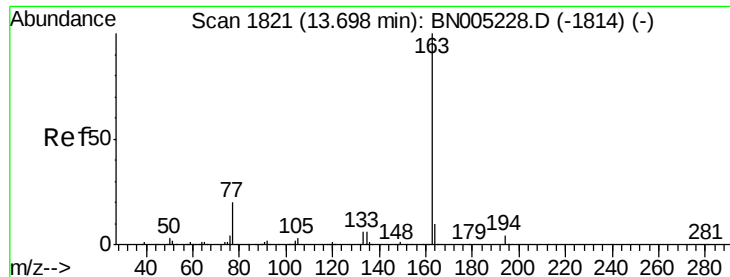
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#34
2-Methylnaphthalene
Concen: 4.089 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.0	108.0





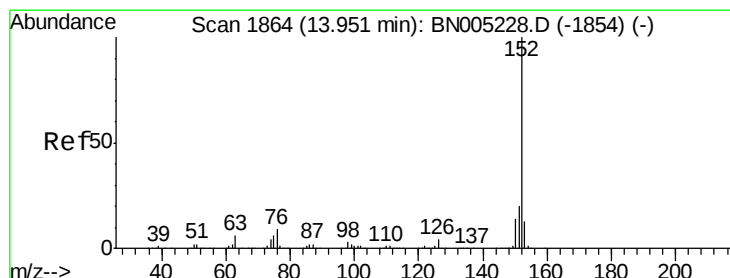
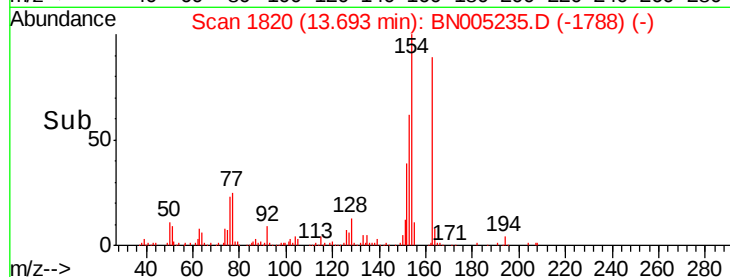
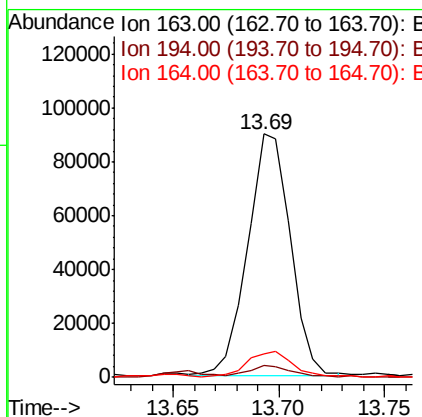
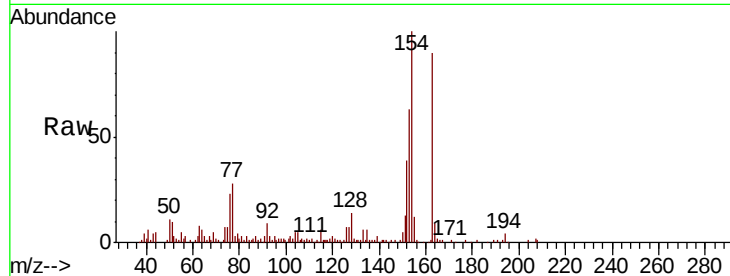
#44
Dimethylphthalate
Concen: 1.437 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	125802		
194	4.7	3.4	5.0	
164	9.4	8.1	12.1	

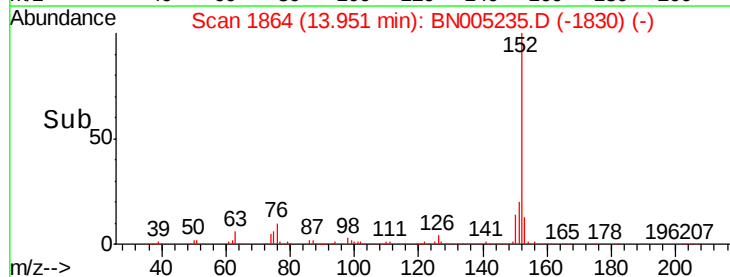
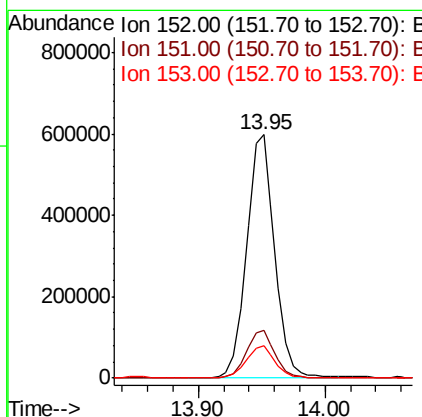
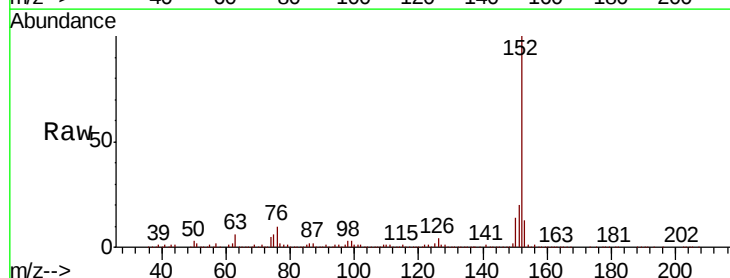
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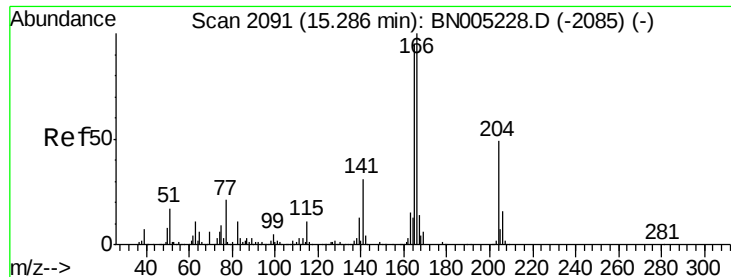
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#47
Acenaphthylene
Concen: 8.603 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	912369		
151	19.9	15.8	23.8	
153	13.3	9.8	14.8	





#58

Fluorene

Concen: 1.967 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BN005235.D

Acq: 24 Apr 2019 03:40

Instrument :

BNA_N

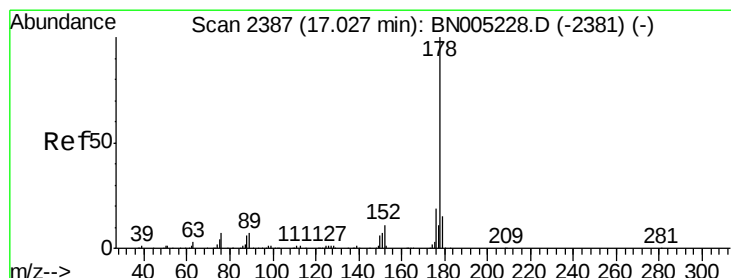
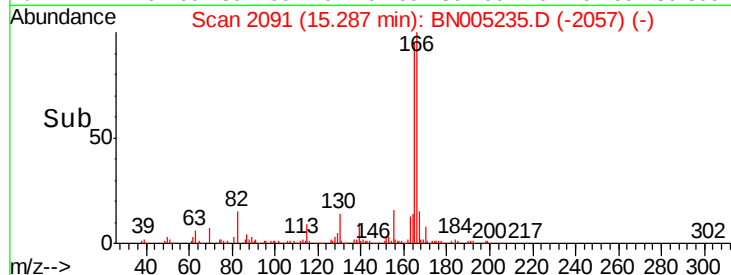
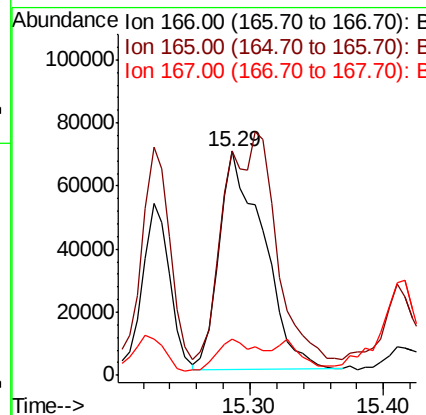
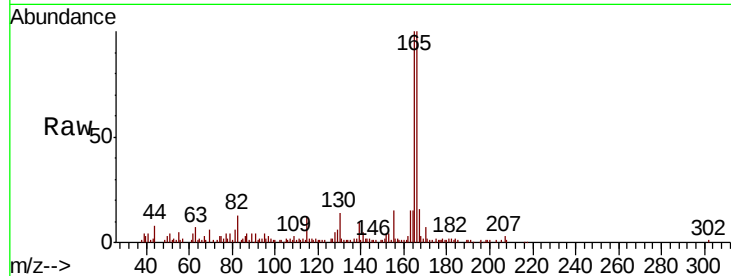
ClientSampled :

GAHH9DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.4	80.0	120.0		
167	16.3	10.7	16.1		

Manual Integrations
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#69

Phenanthrene

Concen: 4.700 ng/ul

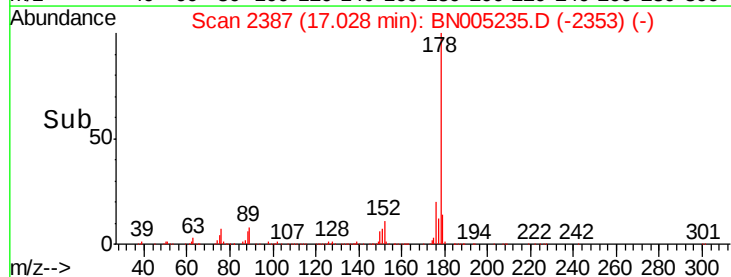
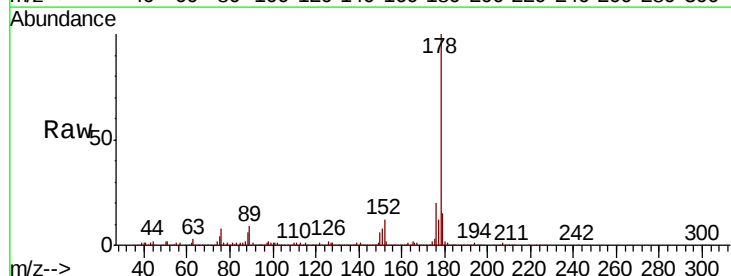
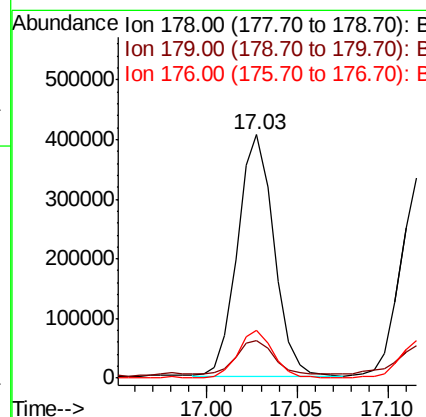
RT: 17.03 min Scan# 2387

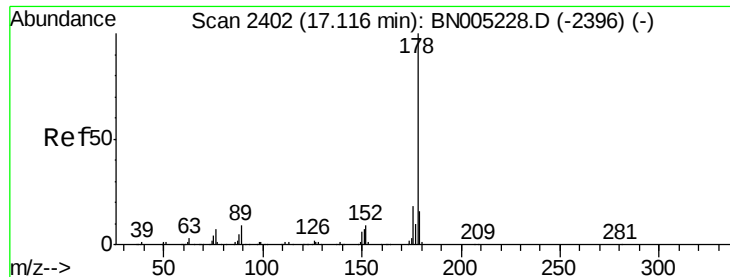
Delta R.T. -0.00 min

Lab File: BN005235.D

Acq: 24 Apr 2019 03:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	15.4	12.2	18.4		
176	19.9	15.1	22.7		





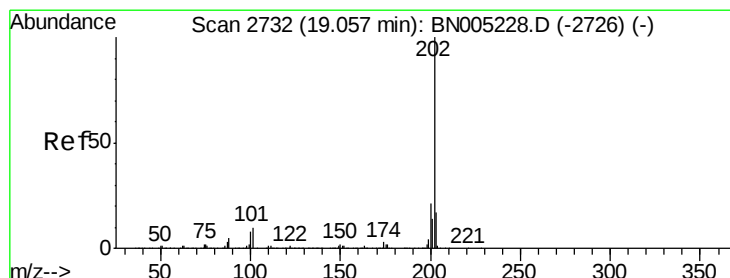
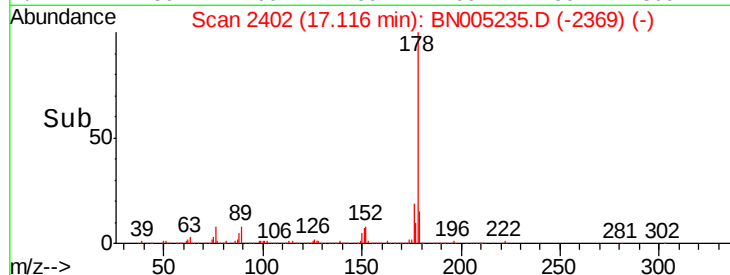
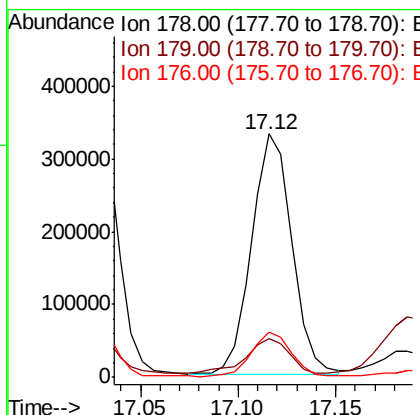
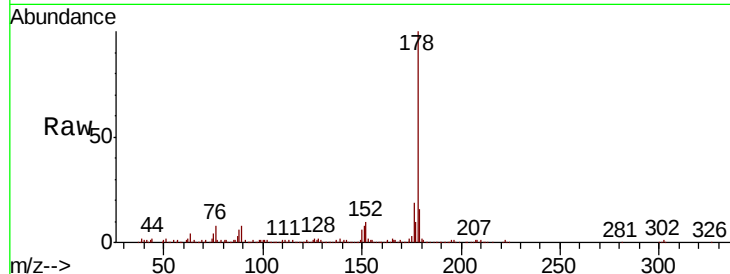
#71
 Anthracene
 Concen: 3.873 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BN005235.D
 Acq: 24 Apr 2019 03:40

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.7	15.1	22.7

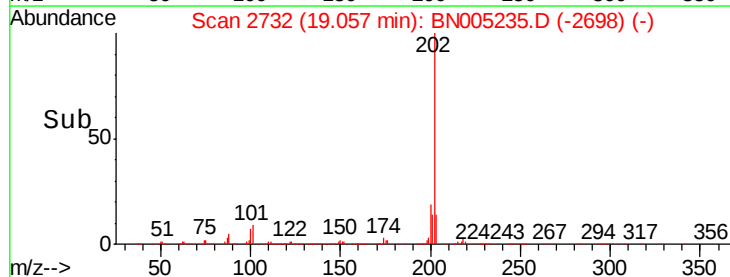
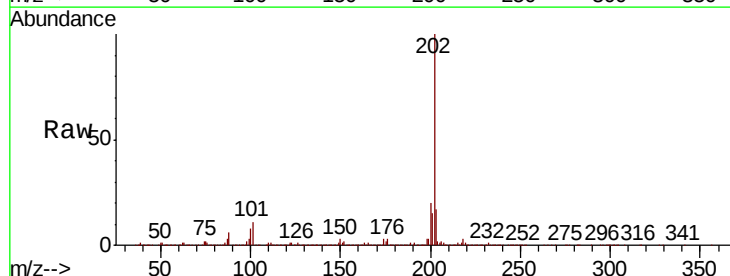
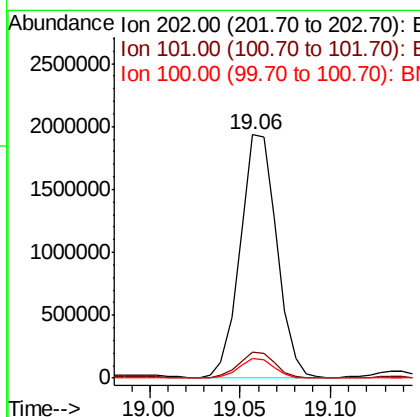
Manual Integrations
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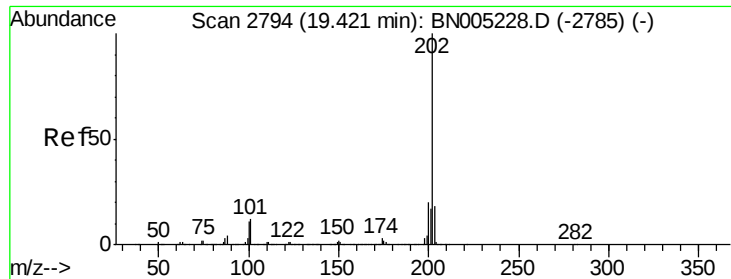
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#76
 Fluoranthene
 Concen: 20.201 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: BN005235.D
 Acq: 24 Apr 2019 03:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	12.8
100	8.0	6.3	9.5





#79

Pvrene

Concen: 46.491 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BN005235.D

Acq: 24 Apr 2019 03:40

Instrument :

BNA_N

ClientSampleID :

GAHH9DL

Tot Ion:202 Resp: 4870472

Ion Ratio Lower Upper

202 100

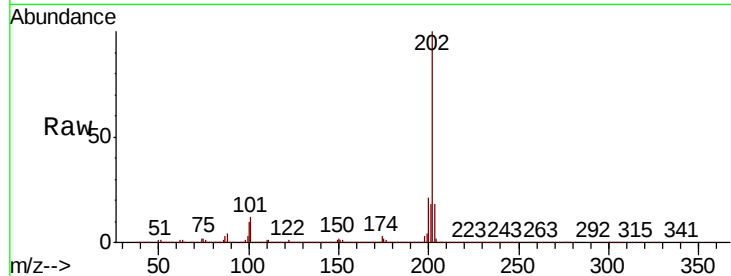
101 12.3 10.3 15.5

100 9.8 7.9 11.9

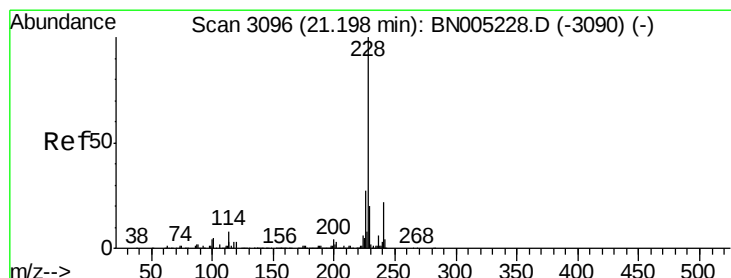
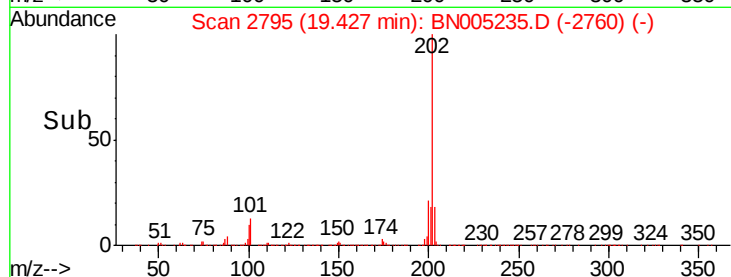
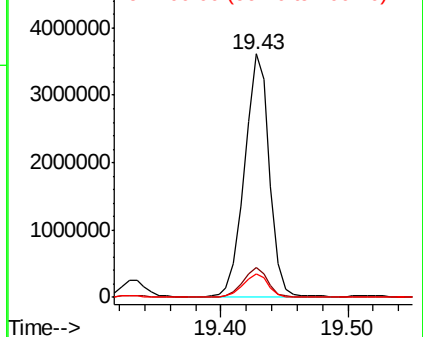
Manual Integrations
APPROVED

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4/24/2019 11:46:00 AM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#82

Benzo(a)anthracene

Concen: 19.204 ng/ul m

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN005235.D

Acq: 24 Apr 2019 03:40

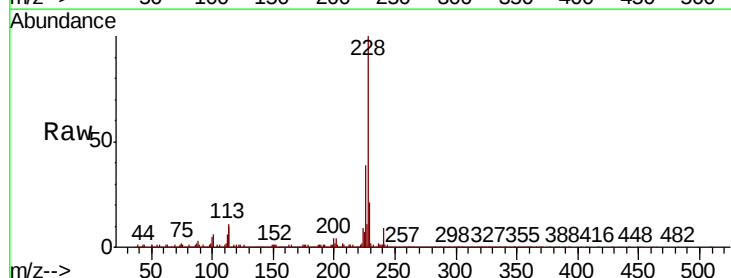
Tgt Ion:228 Resp: 1943881

Ion Ratio Lower Upper

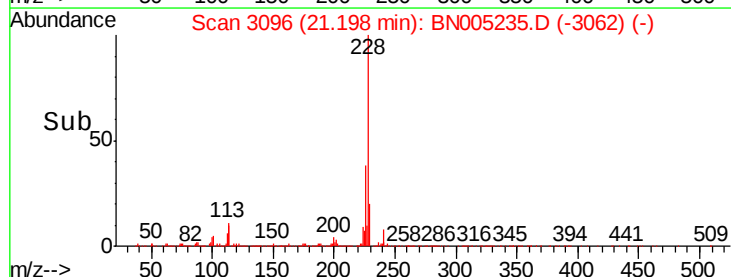
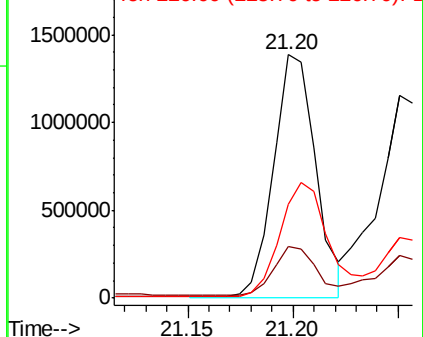
228 100

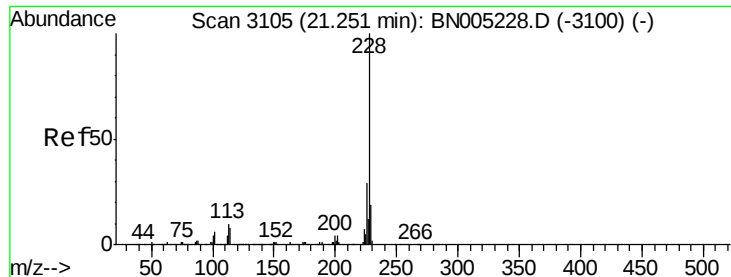
229 21.1 15.8 23.6

226 38.6 21.4 32.2#



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





#84

Chrysene

Concen: 18.427 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN005235.D

Acq: 24 Apr 2019 03:40

Instrument :

BNA_N

ClientSampled :

GAHH9DL

Tot Ion:228 Resp: 1731069

Ion Ratio Lower Upper

228 100

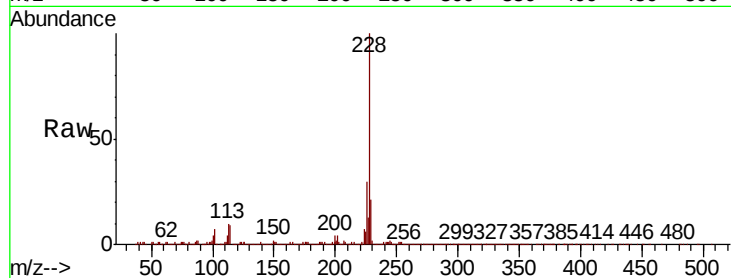
226 29.9 24.0 36.0

229 21.3 15.4 23.0

Manual Integrations
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4/24/2019 11:46:00 AM

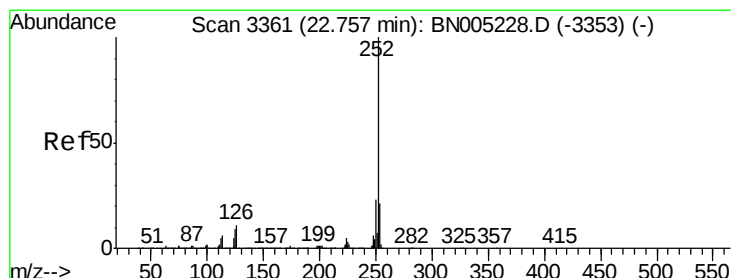
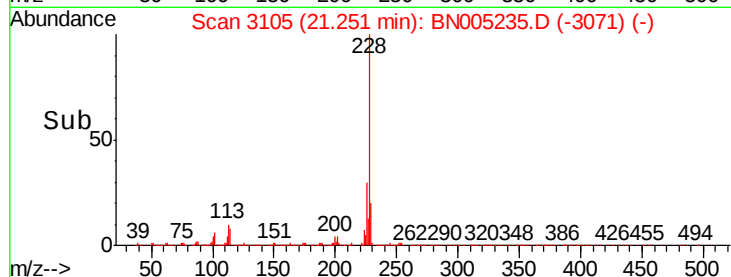
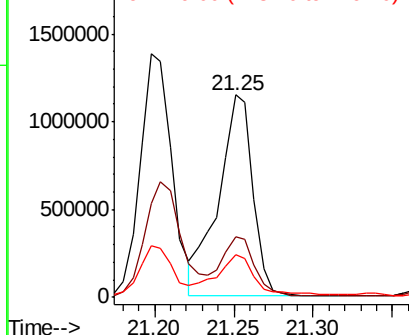


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 13.605 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BN005235.D

Acq: 24 Apr 2019 03:40

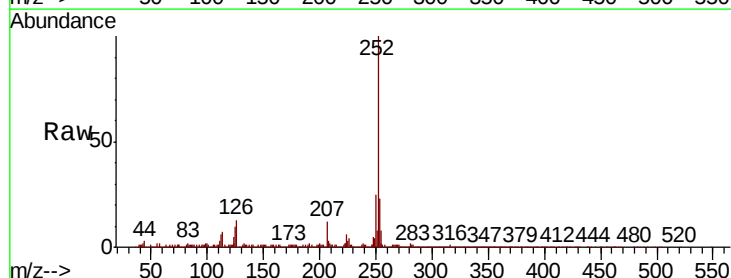
Tgt Ion:252 Resp: 1353000

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 10.1 8.4 12.6

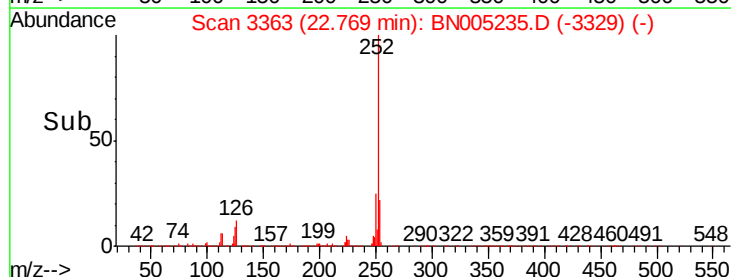
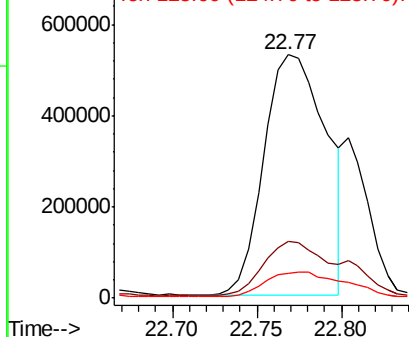


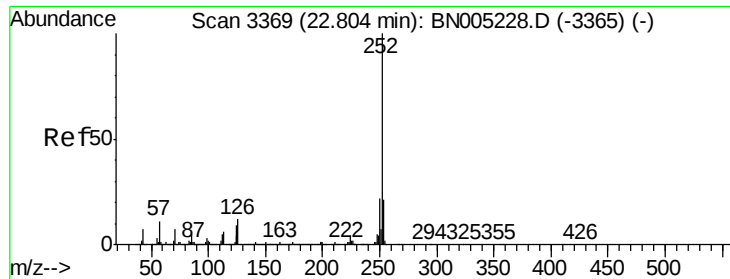
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.994 ng/ul m

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BN005235.D

Acq: 24 Apr 2019 03:40

Instrument :

BNA_N

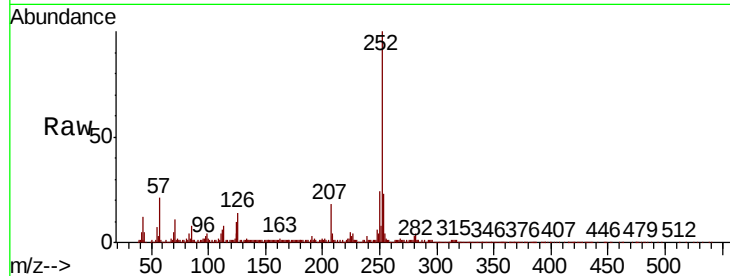
ClientSampleId :

GAHH9DL

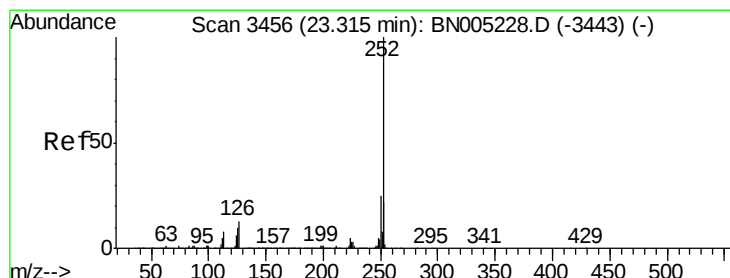
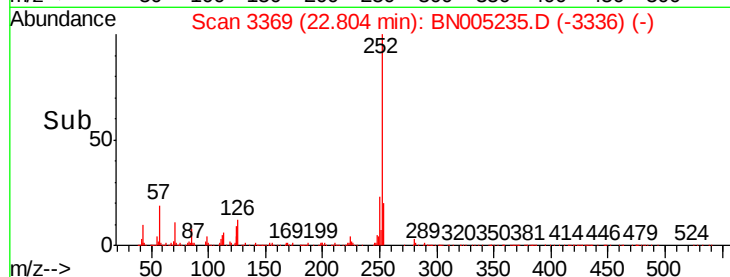
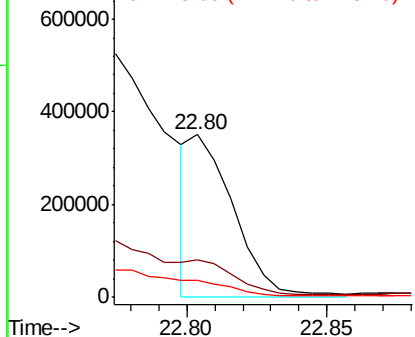
Tot Ion:	252	Resp:	379352
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	10.1	7.5	11.3

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 13.888 ng/ul

RT: 23.32 min Scan# 3457

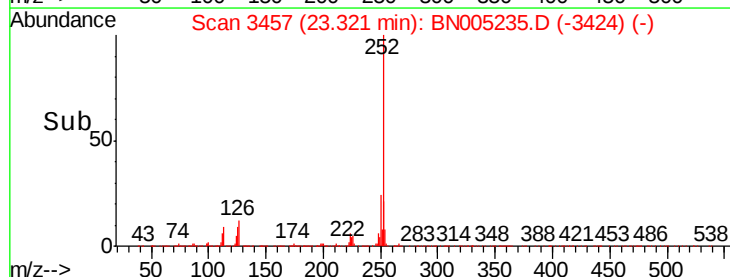
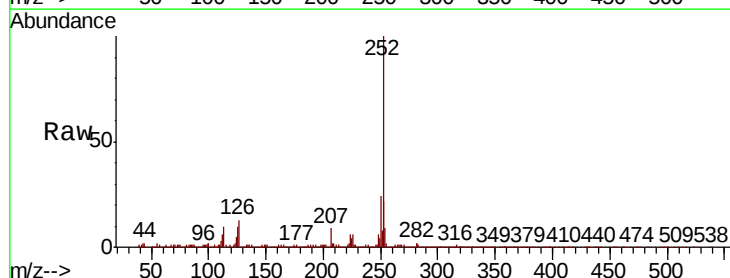
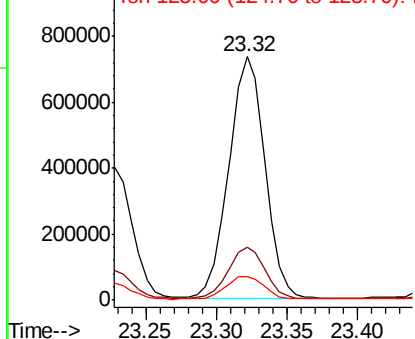
Delta R.T. -0.01 min

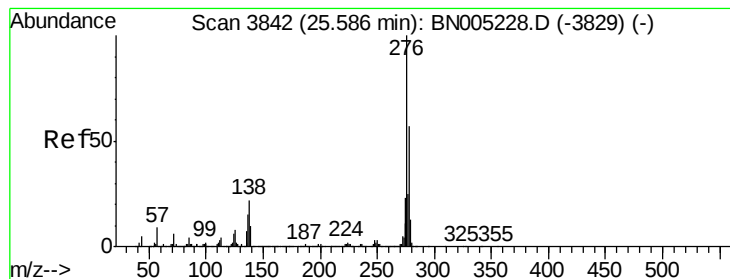
Lab File: BN005235.D

Acq: 24 Apr 2019 03:40

Tgt Ion:	252	Resp:	1298262
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.3	25.9
125	9.8	8.6	13.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





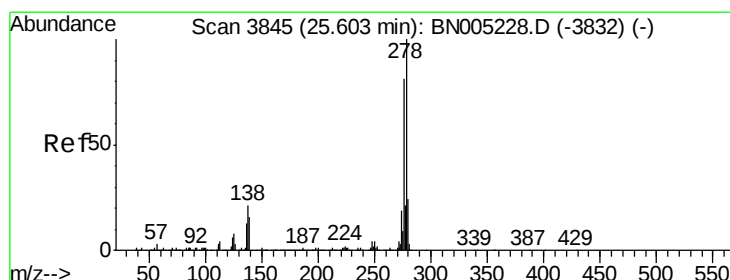
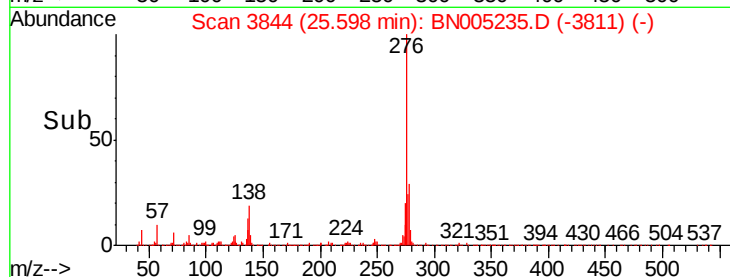
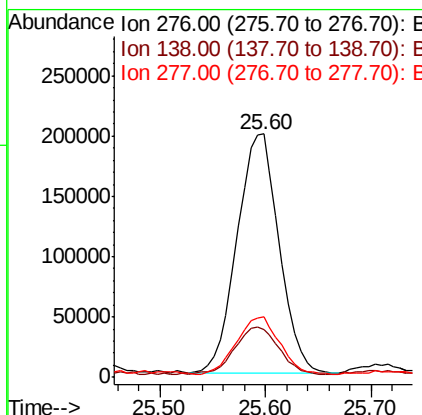
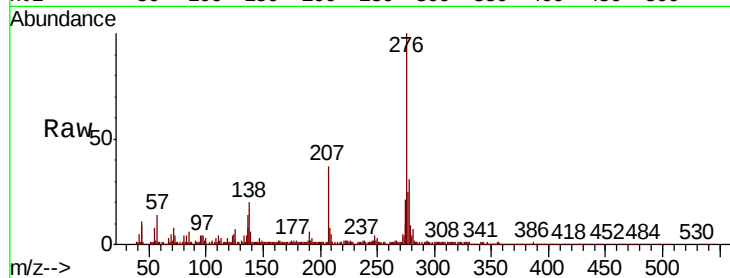
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 5.323 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BN005235.D
 Acq: 24 Apr 2019 03:40

Instrument :
 BNA_N
 ClientSampled :
 GAHH9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.9	26.9
277	24.8	19.7	29.5

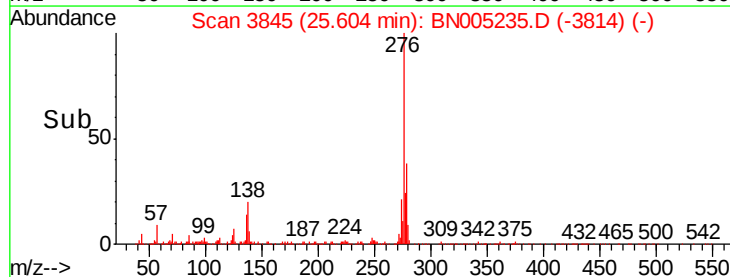
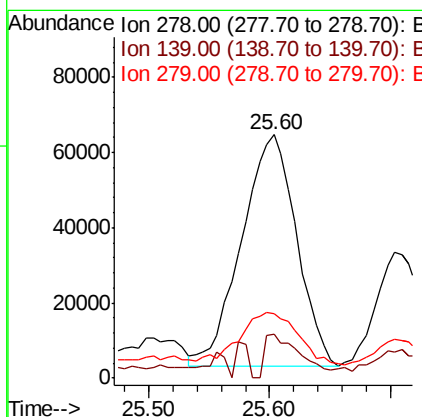
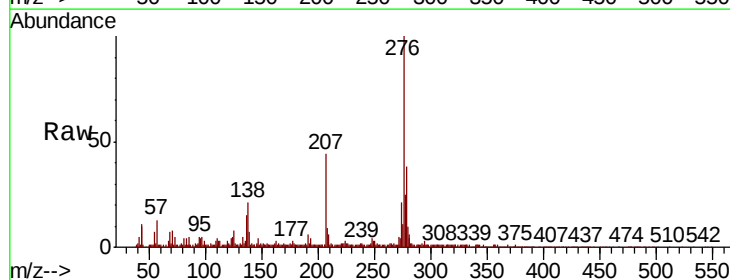
Manual Integrations
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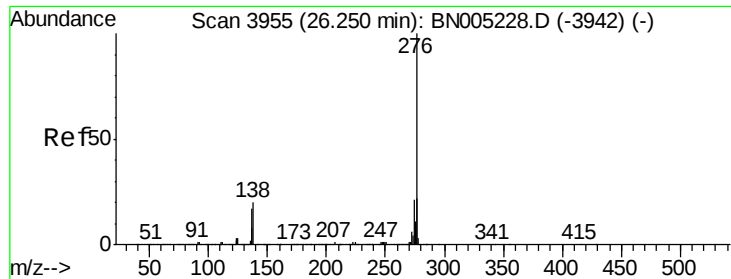
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#92
 Dibenzo(a,h)anthracene
 Concen: 2.219 ng/ul
 RT: 25.60 min Scan# 3845
 Delta R.T. -0.02 min
 Lab File: BN005235.D
 Acq: 24 Apr 2019 03:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.1	19.7
279	26.3	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 4.593 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.01 min

Lab File: BN005235.D

Acq: 24 Apr 2019 03:40

Instrument :

BNA_N

ClientSampleId :

GAHH9DL

Tot Ion:	276	Resp:	392518
Ion Ratio	Lower	Upper	
276	100		
138	21.0	16.7	25.1
277	24.7	18.2	27.2

Manual Integrations
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4/24/2019 11:46:00 AM

