

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005237.D
 Acq On : 24 Apr 2019 04:50
 Operator : JU/SJ
 Sample : K2455-10DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHR0DL

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:46:05 AM

Quant Time: Apr 24 09:54:04 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	471017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1987054	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1085174	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2173887	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1793089	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1955442	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	4597	0.47	ng/uL	0.00
5) Phenol-d5	6.78	99	82673	2.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	55521	2.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	69266	2.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	49153	1.70	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	32315	2.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	29270	2.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	63665	2.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	71771	2.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	211556	2.69	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	256735	2.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	16217	1.30	ng/ul	0.00
57) Fluorene-d10	15.23	176	177569	2.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	4423	0.45	ng/ul	0.00
70) Anthracene-d10	17.08	188	257199	2.82	ng/ul	0.00
78) Pyrene-d10	19.39	212	255505	2.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	228525	2.67	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.41	128	118603	1.284	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	3636559	53.765	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	394135	4.875	ng/ul	100
47) Acenaphthylene	13.95	152	958997	10.086	ng/ul#	96
49) Acenaphthene	14.29	153	136726	2.106	ng/ul	98
53) Dibenzofuran	14.63	168	211387	2.262	ng/ul	91
58) Fluorene	15.29	166	910800	12.489	ng/ul	97
69) Phenanthrene	17.03	178	4263727	40.273	ng/ul	99
71) Anthracene	17.12	178	906189	8.402	ng/ul	98
76) Fluoranthene	19.06	202	858955	7.314	ng/ul	99
79) Pyrene	19.43	202	1333429	11.550	ng/ul	98
82) Benzo(a)anthracene	21.20	228	454521m	4.075	ng/ul	
84) Chrysene	21.25	228	370054	3.574	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	228736	2.081	ng/ul	95
90) Benzo(a)pyrene	23.32	252	254264	2.461	ng/ul	98

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

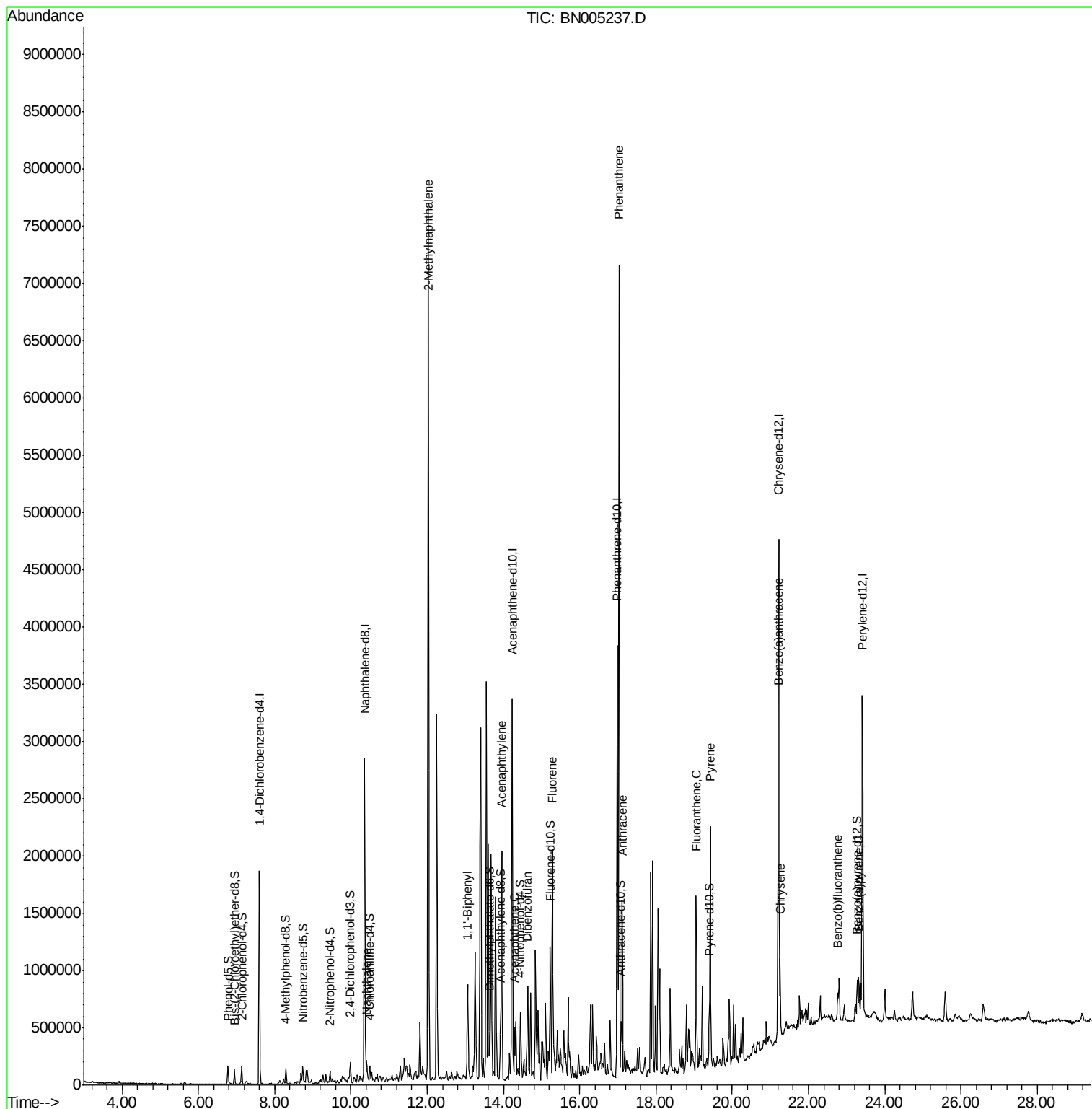
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005237.D
Acq On : 24 Apr 2019 04:50
Operator : JU/SJ
Sample : K2455-10DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

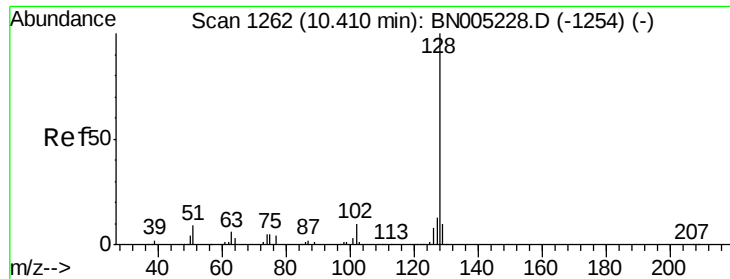
Instrument :
BNA_N
ClientSampleId :
GAHR0DL

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Quant Time: Apr 24 09:54:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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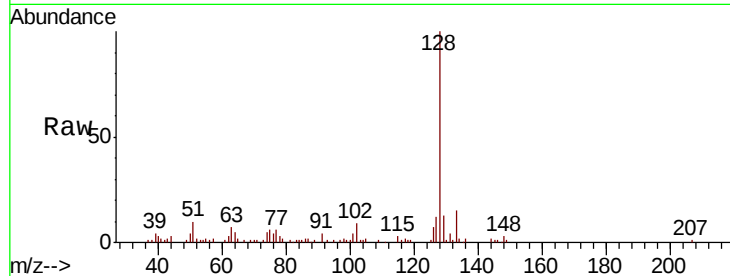
#28
Naphthalene
Concen: 1.284 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN005237.D
Acq: 24 Apr 2019 04:50

Instrument :
BNA_N
ClientSampleID :
GAHR0DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.2	13.8
127	12.5	10.7	16.1

Manual Integrations
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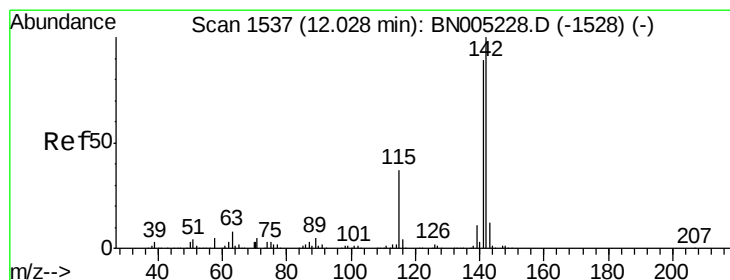
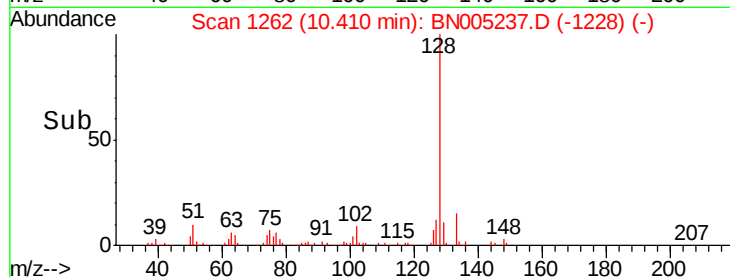
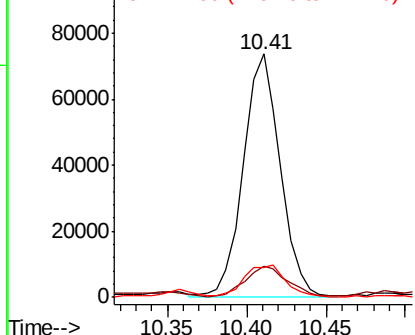


Abundance

Ion 128.00 (127.70 to 128.70): E

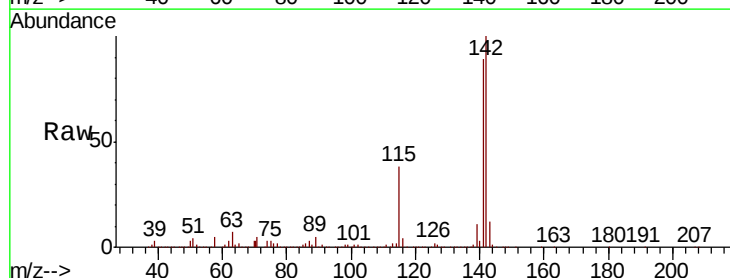
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34
2-Methylnaphthalene
Concen: 53.765 ng/ul
RT: 12.03 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BN005237.D
Acq: 24 Apr 2019 04:50

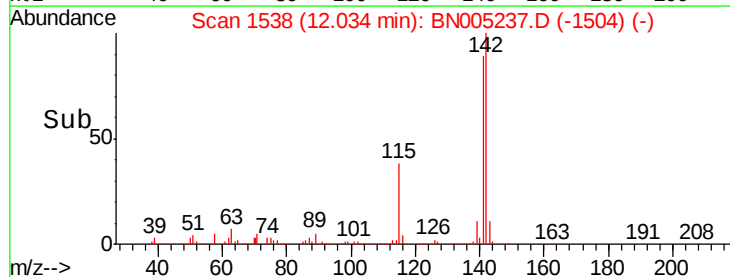
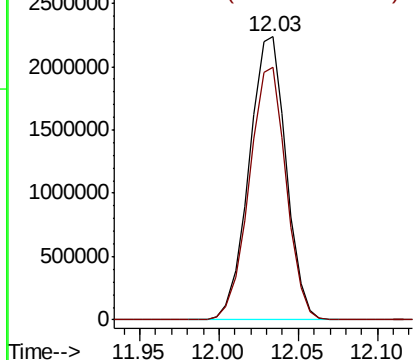
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.0	108.0

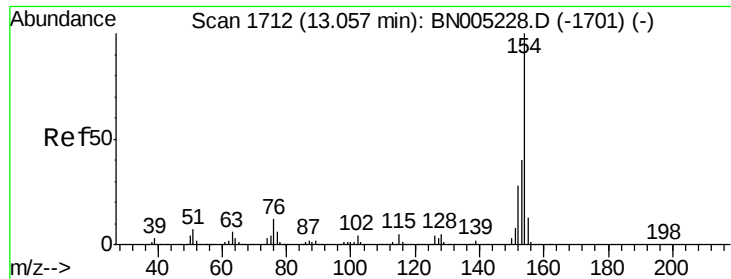


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 4.875 ng/ul

RT: 13.06 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Instrument :

BNA_N

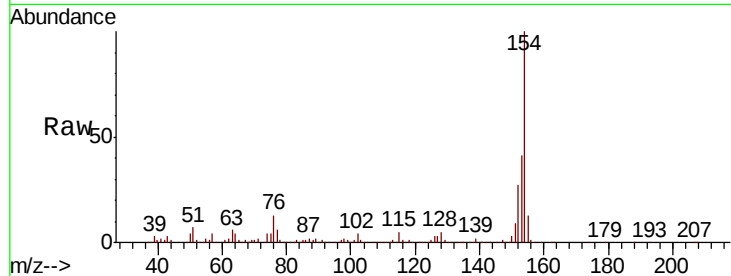
ClientSampleId :

GAHR0DL

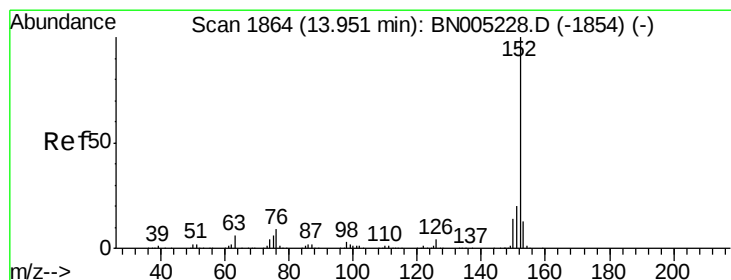
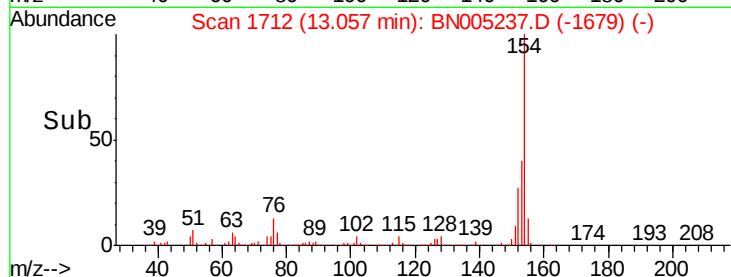
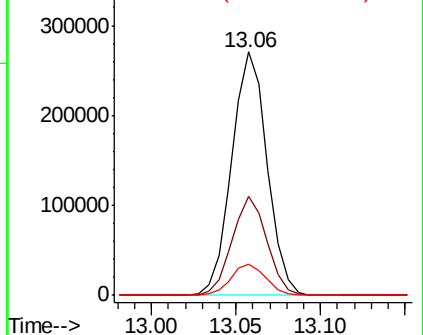
Tot Ion:	154	Resp:	394135
Ion Ratio	Lower	Upper	
154	100		
153	40.6	32.6	49.0
76	12.7	10.4	15.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC



#47

Acenaphthylene

Concen: 10.086 ng/ul

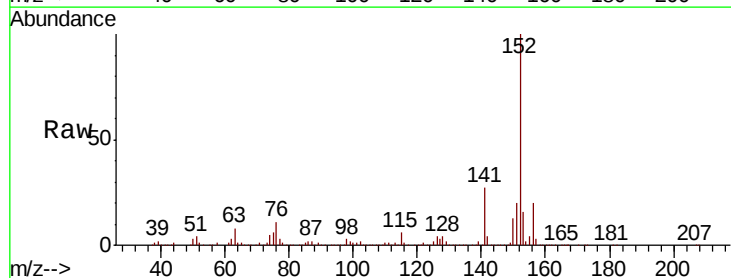
RT: 13.95 min Scan# 1864

Delta R.T. 0.00 min

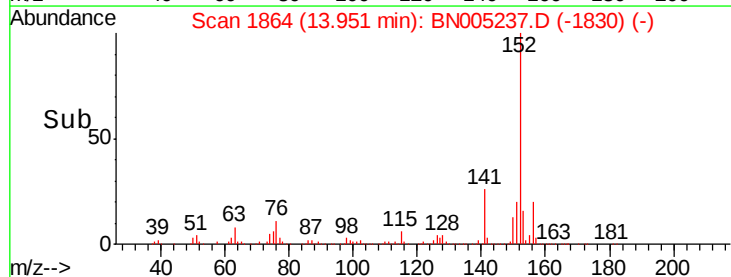
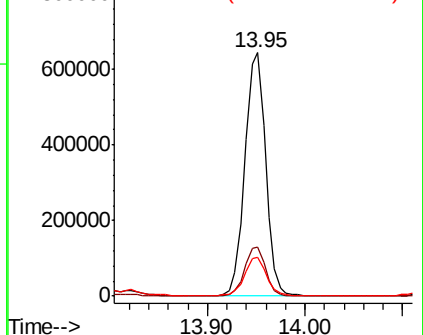
Lab File: BN005237.D

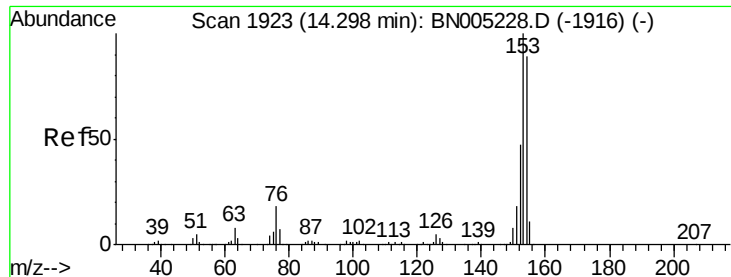
Acq: 24 Apr 2019 04:50

Tgt Ion:	152	Resp:	958997
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	16.0	9.8	14.8#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 2.106 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Instrument :

BNA_N

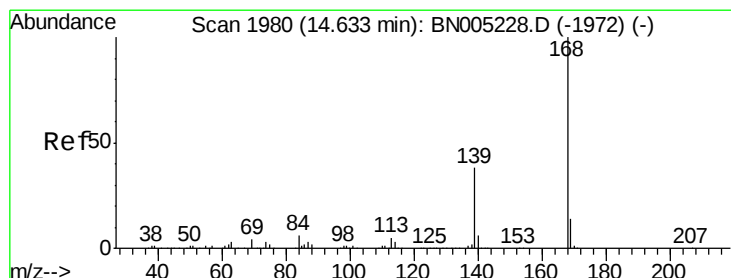
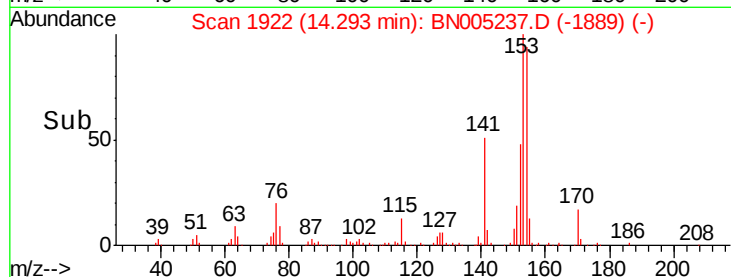
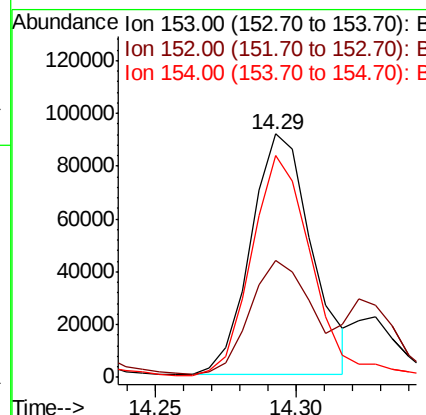
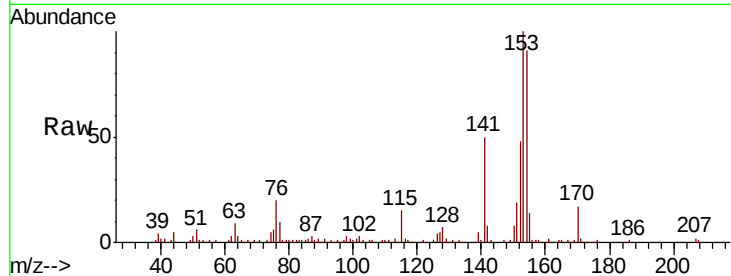
ClientSampleId :

GAHR0DL

Tot Ion:	153	Resp:	136726
Ion Ratio	Lower	Upper	
153	100		
152	48.0	37.4	56.0
154	90.9	71.2	106.8

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#53

Dibenzofuran

Concen: 2.262 ng/ul

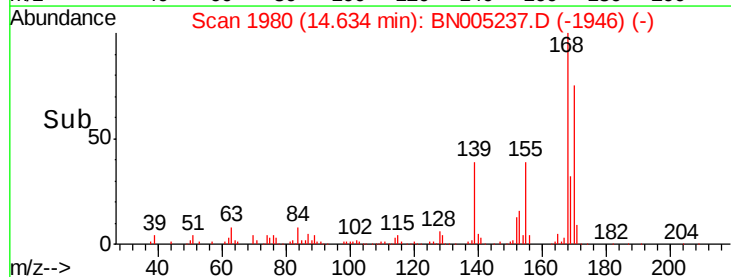
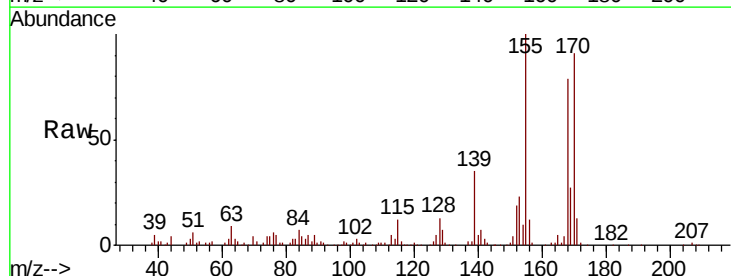
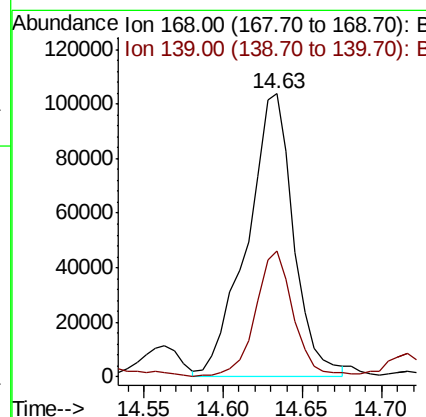
RT: 14.63 min Scan# 1980

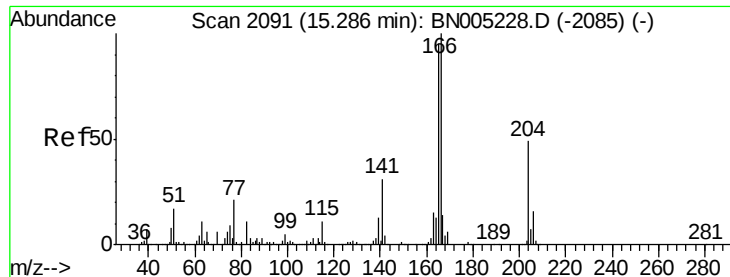
Delta R.T. 0.00 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Tgt Ion:	168	Resp:	211387
Ion Ratio	Lower	Upper	
168	100		
139	44.3	30.9	46.3





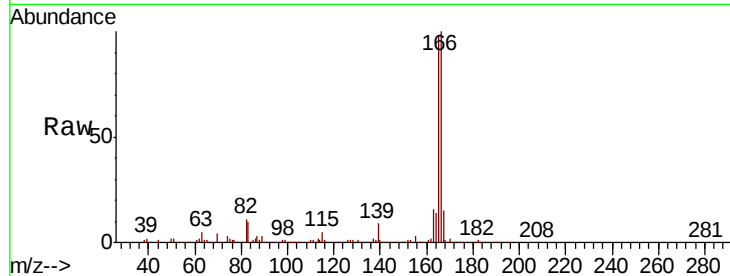
#58
 Fluorene
 Concen: 12.489 ng/ul
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

Instrument :
 BNA_N
 ClientSampleId :
 GAHR0DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	910800		
165	97.7	80.0	120.0	
167	15.1	10.7	16.1	

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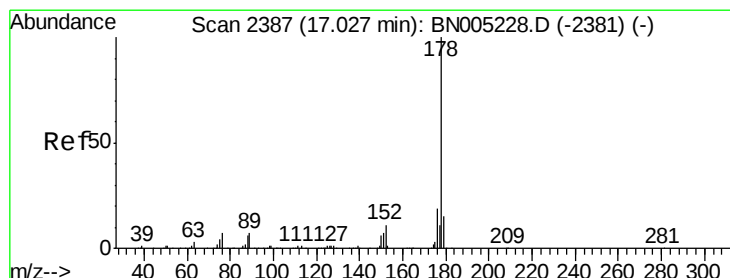
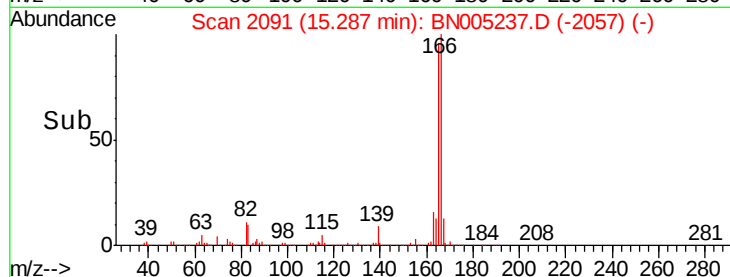
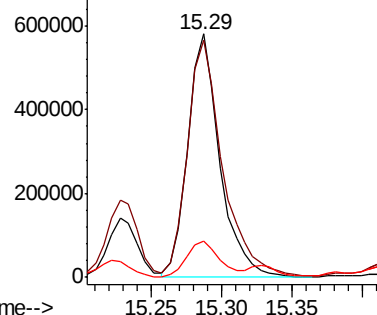


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69
 Phenanthrene
 Concen: 40.273 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

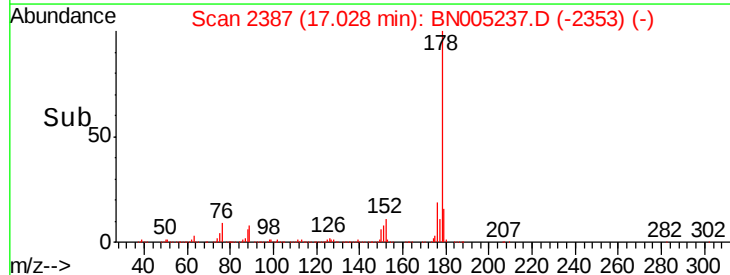
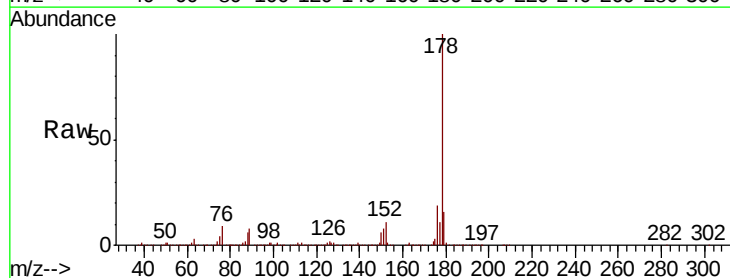
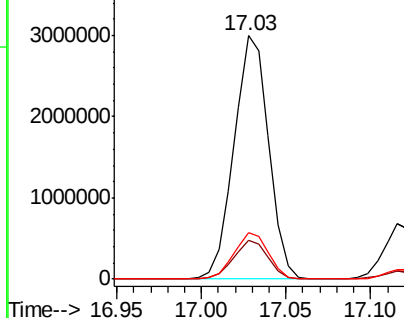
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	4263727		
179	15.7	12.2	18.4	
176	19.0	15.1	22.7	

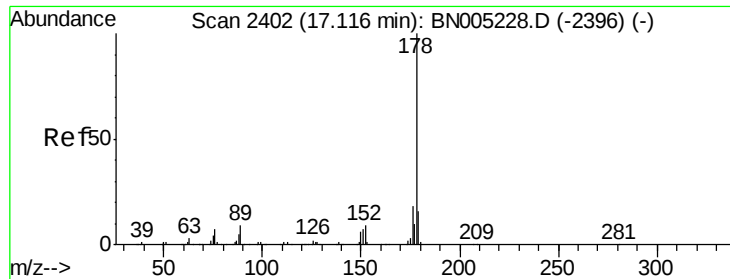
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





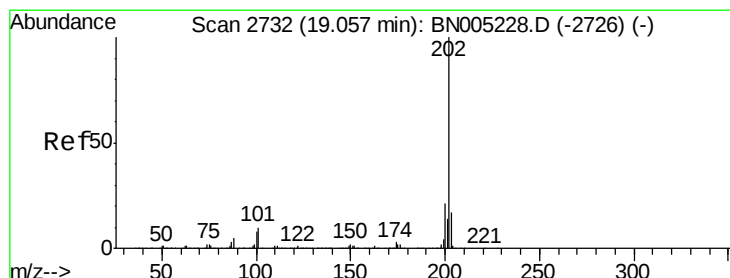
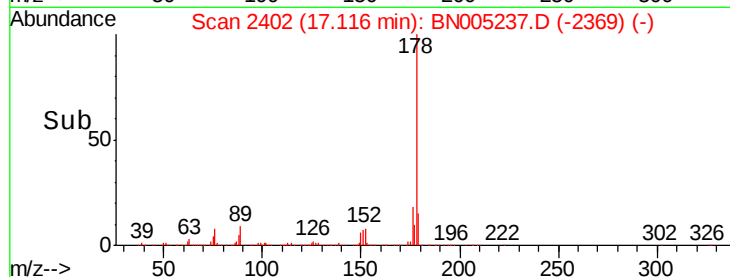
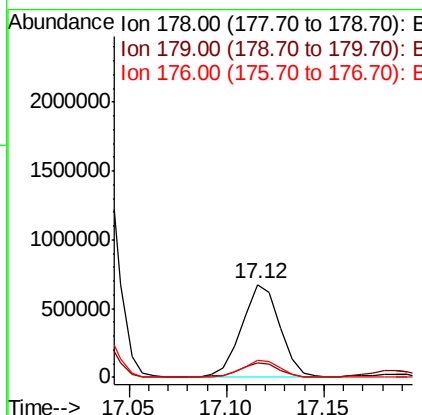
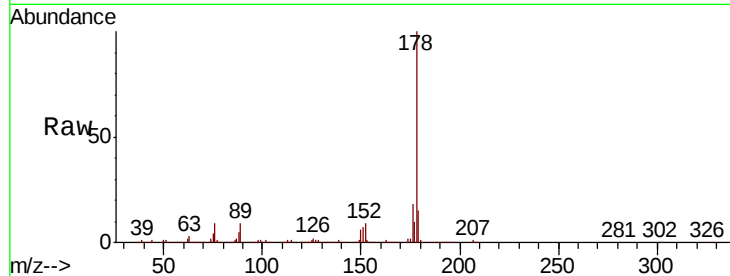
#71
 Anthracene
 Concen: 8.402 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

Instrument :
 BNA_N
 ClientSampleId :
 GAHR0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	17.7	15.1	22.7

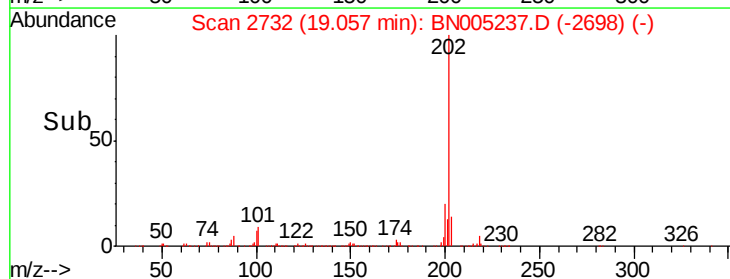
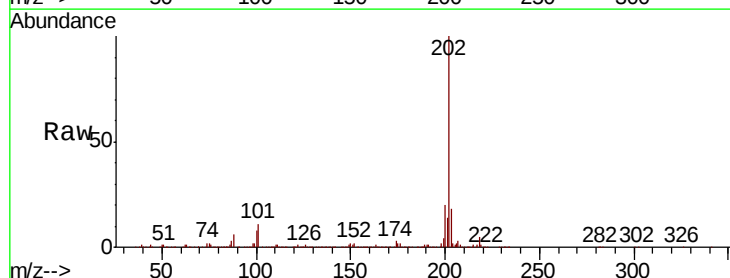
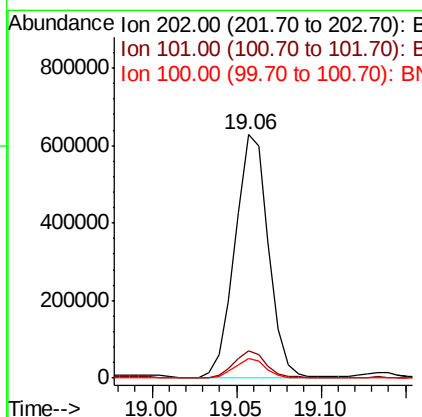
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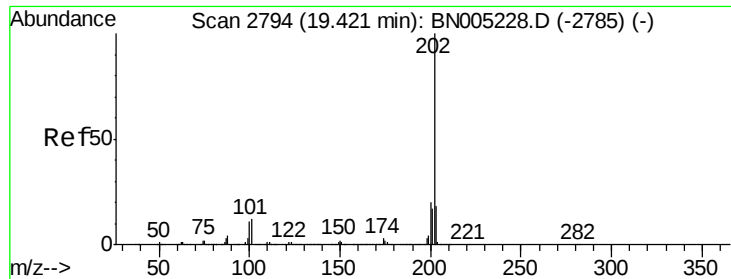
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#76
 Fluoranthene
 Concen: 7.314 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.6	12.8
100	7.9	6.3	9.5





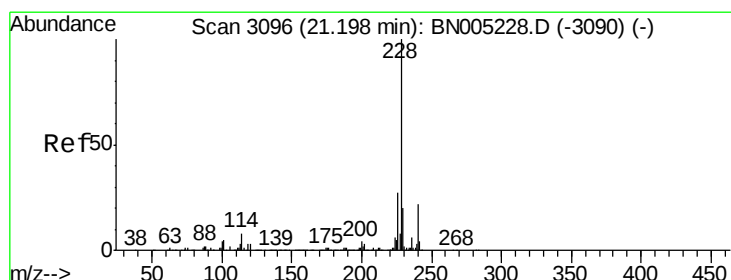
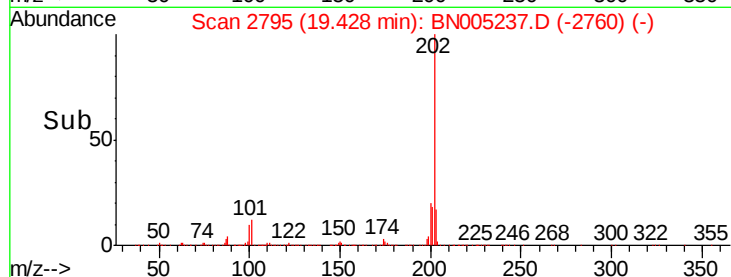
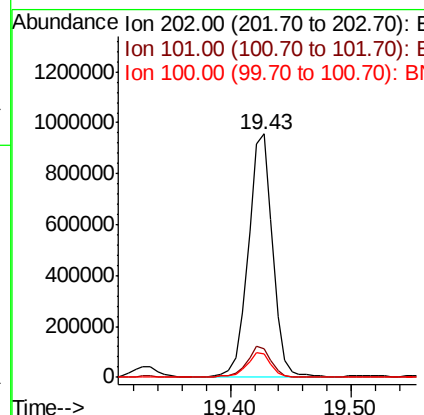
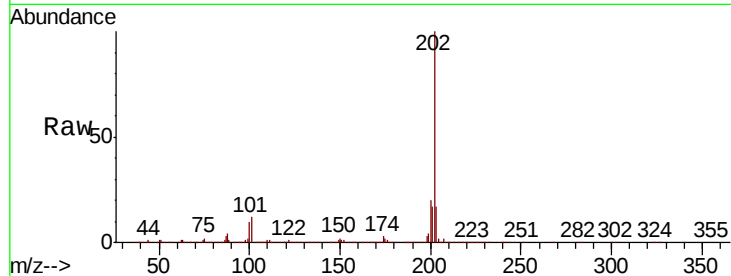
#79
Pvrene
Concen: 11.550 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005237.D
Acq: 24 Apr 2019 04:50

Instrument :
BNA_N
ClientSampleId :
GAHR0DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.3	15.5
100	9.6	7.9	11.9

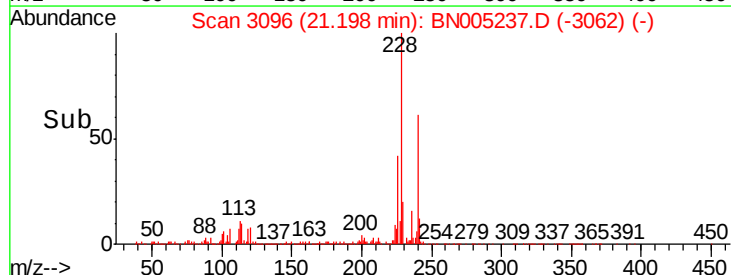
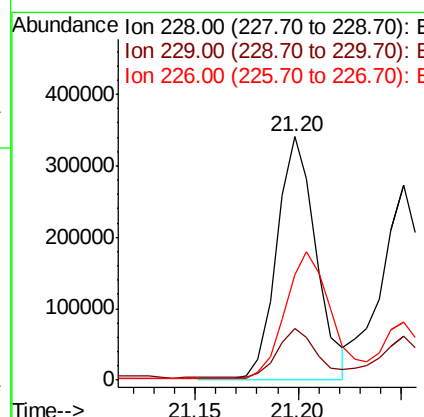
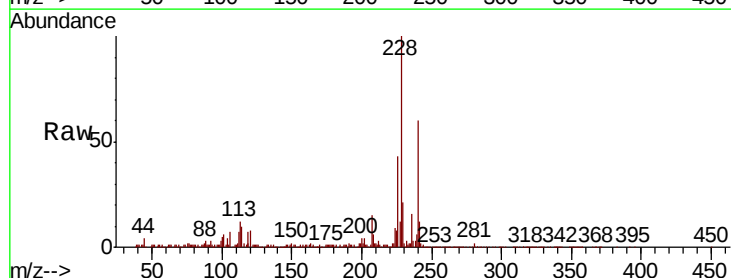
Manual Integrations
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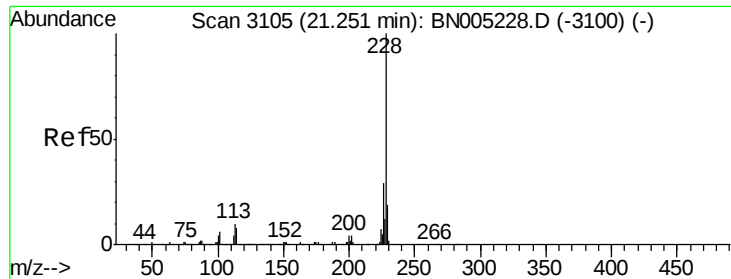
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#82
Benzo(a)anthracene
Concen: 4.075 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN005237.D
Acq: 24 Apr 2019 04:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	43.1	21.4	32.2





#84

Chrysene

Concen: 3.574 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Instrument :

BNA_N

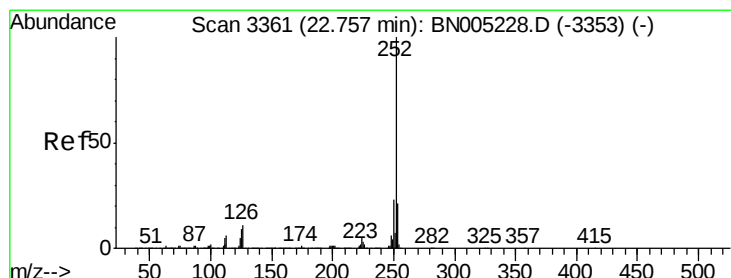
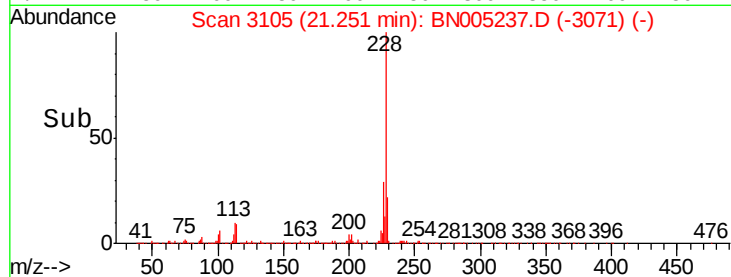
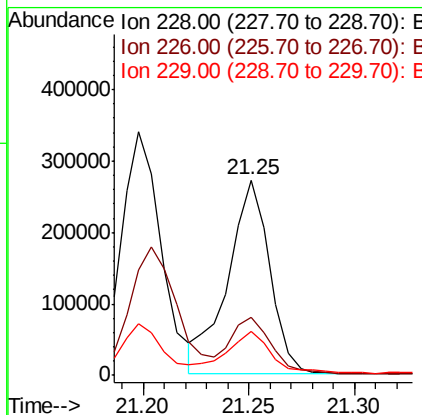
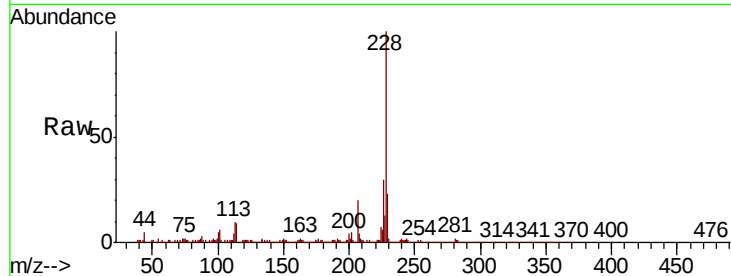
ClientSampled :

GAHR0DL

Tot Ion:	228	Resp:	370054
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	22.6	15.4	23.0

Manual Integrations
APPROVED

Sohil
4/24/2019 11:46:05 AM



#87

Benzo(b)fluoranthene

Concen: 2.081 ng/ul

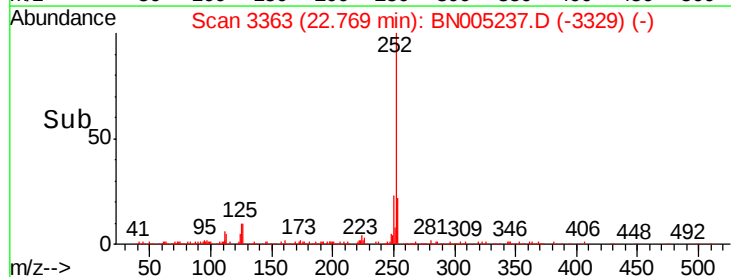
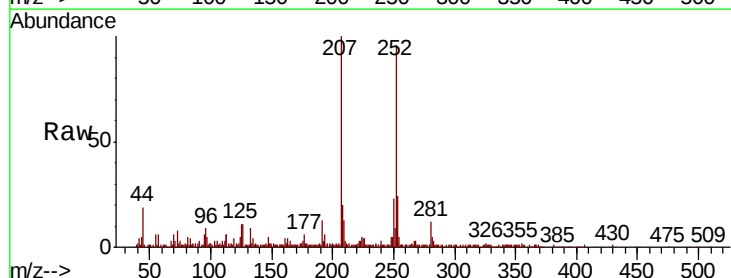
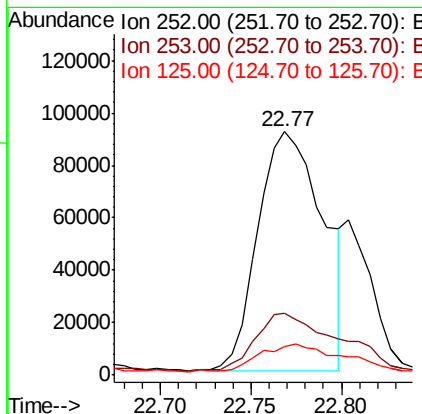
RT: 22.77 min Scan# 3363

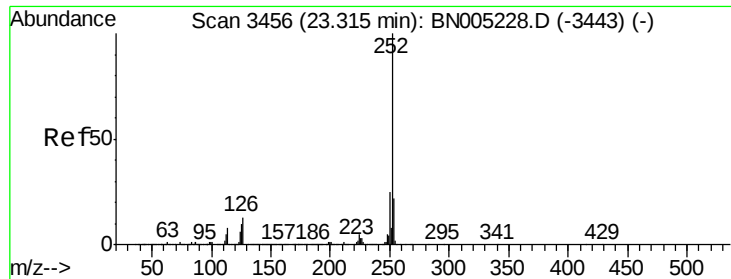
Delta R.T. 0.00 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Tgt Ion:	252	Resp:	228736
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.7	26.5
125	11.8	8.4	12.6





#90

Benzo(a)pyrene

Concen: 2.461 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Instrument :

BNA_N

ClientSampleId :

GAHR0DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		254264		
253	22.3	17.3	25.9		
125	9.7	8.6	13.0		

Manual Integrations
APPROVED

Sohil
4/24/2019 11:46:05 AM

