

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
 Data File : BN005410.D
 Acq On : 01 May 2019 14:46
 Operator : JU/SJ
 Sample : K2481-07MEDL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW2MEDL

Manual Integrations
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Quant Time: May 02 00:12:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	466815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2011122	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1163457	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2361945	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1529836	20.00	ng/ul	-0.01
85) Perylene-d12	23.43	264	1673462	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	8909	0.92	ng/uL	0.00
5) Phenol-d5	6.78	99	187797	5.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	114051	4.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	158427	5.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	147761	5.16	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	77443	6.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	81150	6.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	154960	5.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	183270	6.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	492946	5.84	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	601572	5.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	57728m	4.33	ng/ul	0.02
57) Fluorene-d10	15.23	176	417057	5.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	12738	1.20	ng/ul	0.02
70) Anthracene-d10	17.08	188	580674	5.86	ng/ul	0.00
78) Pyrene-d10	19.40	212	540243	6.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	405742	5.55	ng/ul	-0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	306661	3.280	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	3122642	45.614	ng/ul	97
40) 1,1'-Biphenyl	13.06	154	315174	3.636	ng/ul	95
44) Dimethylphthalate	13.69	163	106456	1.265	ng/ul	97
47) Acenaphthylene	13.95	152	1775955	17.421	ng/ul	97
49) Acenaphthene	14.29	153	199067	2.860	ng/ul	94
53) Dibenzofuran	14.63	168	225775	2.253	ng/ul	95
58) Fluorene	15.29	166	1189642	15.215	ng/ul	99
69) Phenanthrene	17.03	178	6053814	52.628	ng/ul	99
71) Anthracene	17.12	178	555340	4.739	ng/ul	97
76) Fluoranthene	19.06	202	1242354	9.737	ng/ul	97
79) Pyrene	19.43	202	1851580	18.798	ng/ul	96
82) Benzo(a)anthracene	21.20	228	548337	5.762	ng/ul	95
84) Chrysene	21.25	228	516721	5.850	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	241888	2.571	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	98013m	1.091	ng/ul	
90) Benzo(a)pyrene	23.33	252	180341	2.040	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.61	276	100714	1.030	ng/ul#	90

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

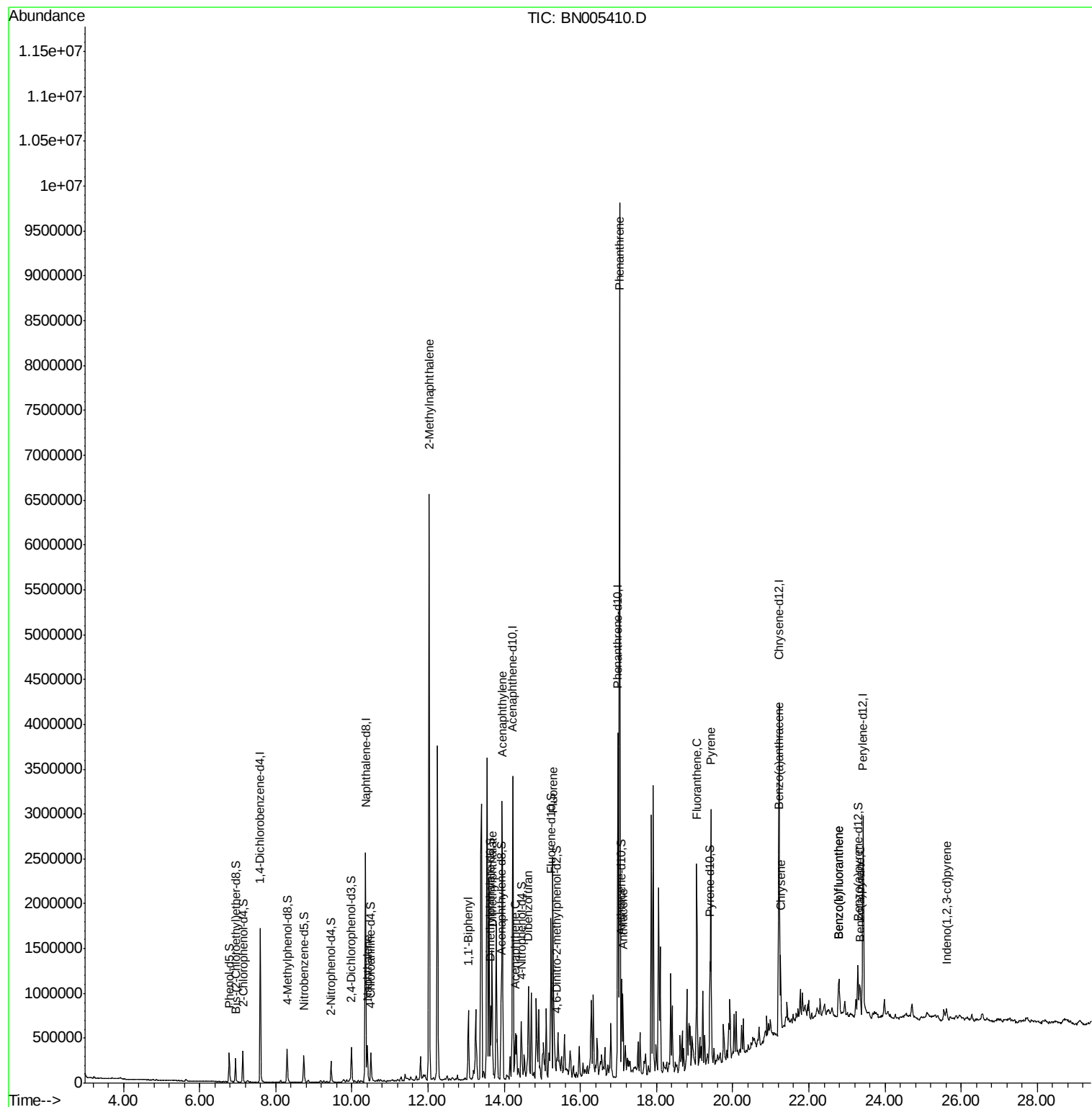
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
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Sample : K2481-07MEDL 5X
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ALS Vial : 9 Sample Multiplier: 1

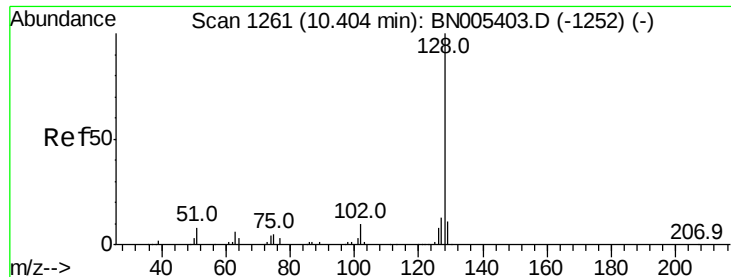
Instrument :
BNA_N
ClientSampleId :
GAHW2MEDL

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Quant Time: May 02 00:12:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





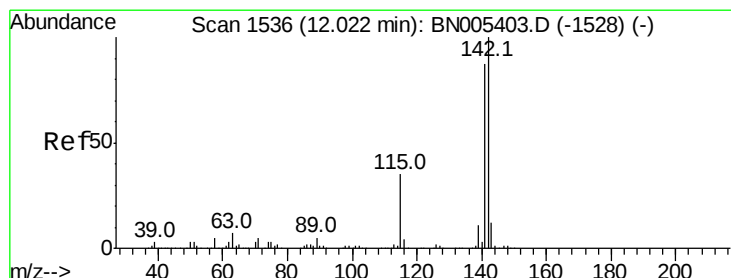
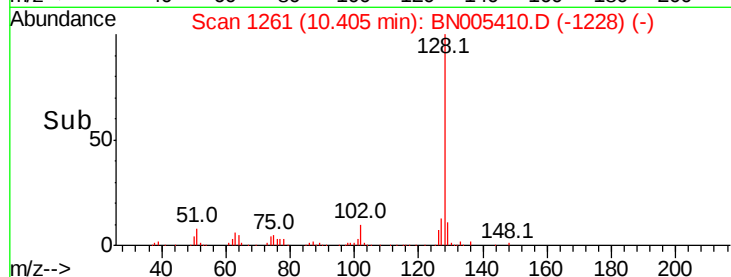
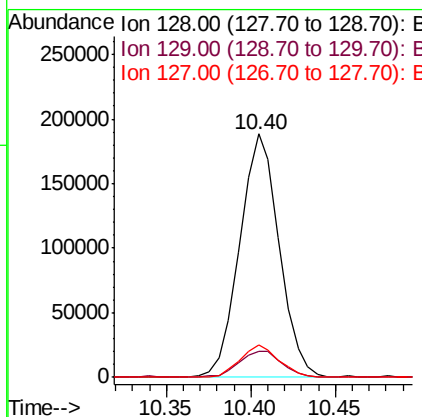
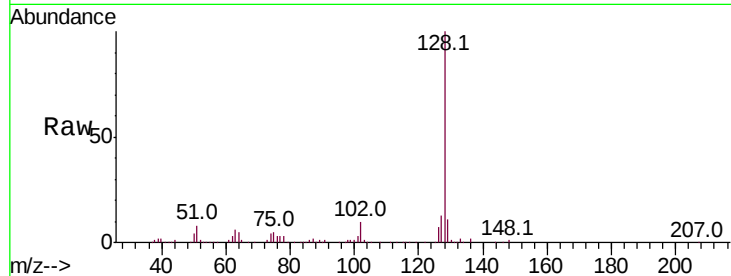
#28
Naphthalene
Concen: 3.280 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005410.D
Acq: 01 May 2019 14:46

Instrument :
BNA_N
ClientSampleId :
GAHW2MEDL

Tot Ion:128	Resp:	306661
Ion Ratio	Lower	Upper
128	100	
129	10.8	9.2 13.8
127	13.4	10.7 16.1

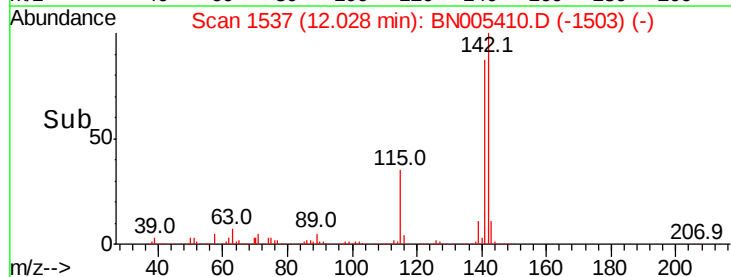
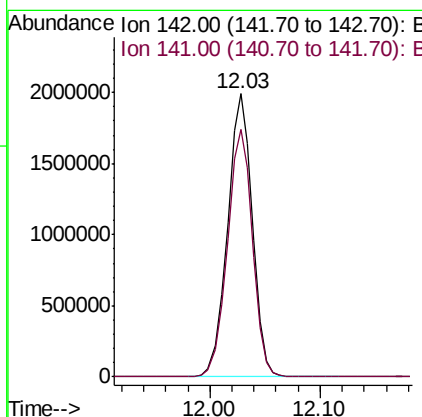
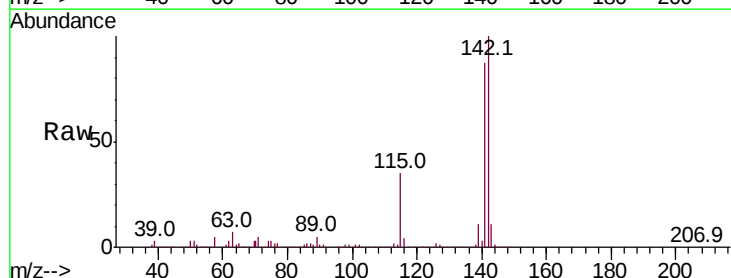
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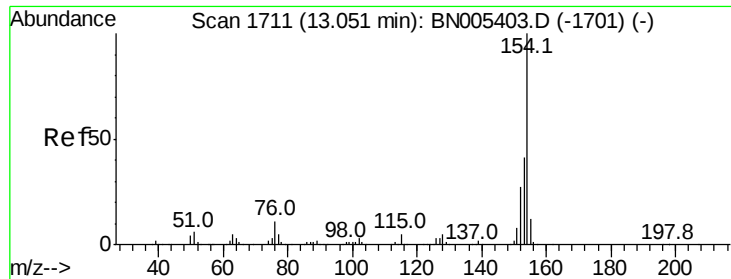
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#34
2-Methylnaphthalene
Concen: 45.614 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BN005410.D
Acq: 01 May 2019 14:46

Tgt Ion:142	Resp:	3122642
Ion Ratio	Lower	Upper
142	100	
141	87.4	72.0 108.0





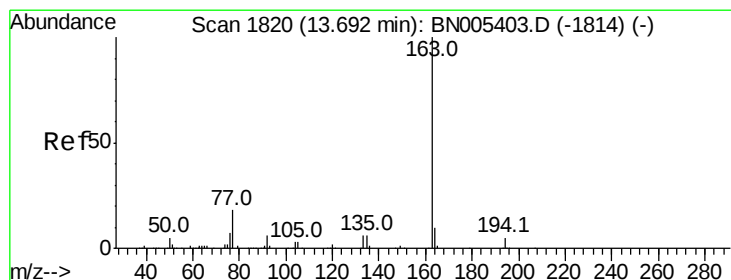
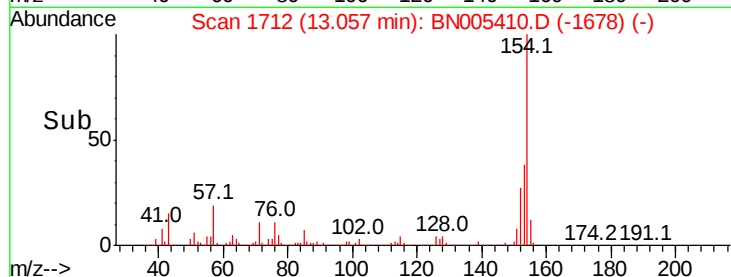
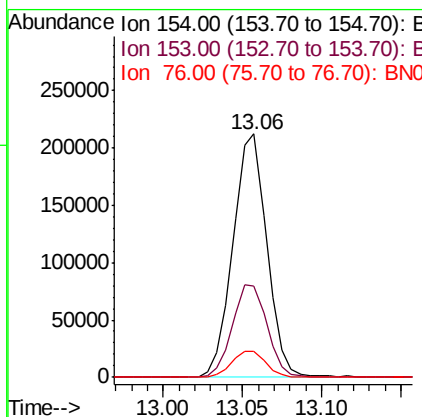
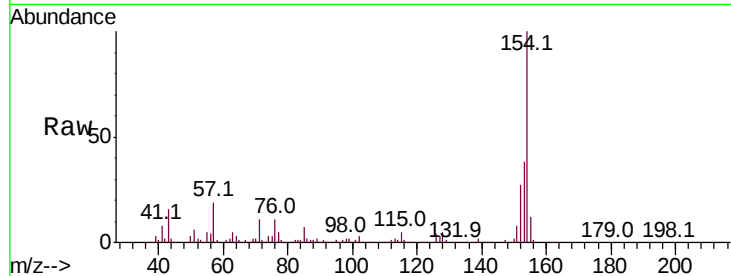
#40
 1,1'-Biphenyl
 Concen: 3.636 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BN005410.D
 Acq: 01 May 2019 14:46

Instrument :
 BNA_N
 ClientSampleId :
 GAHW2MEDL

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.6	32.6	49.0
76	10.5	10.4	15.6

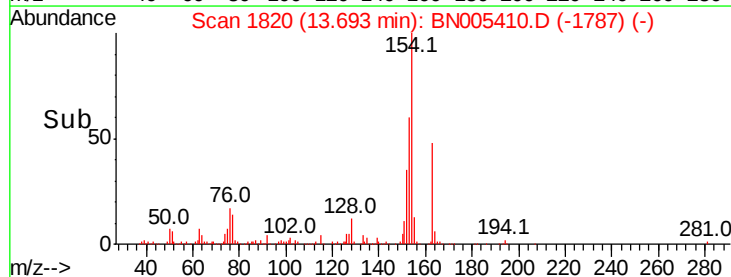
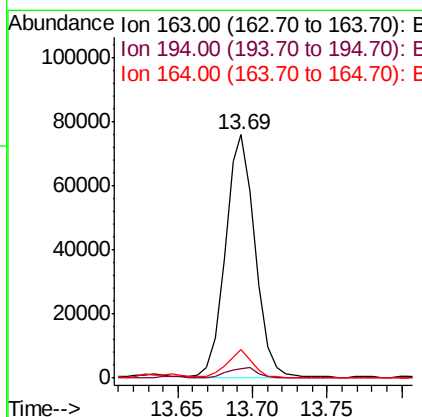
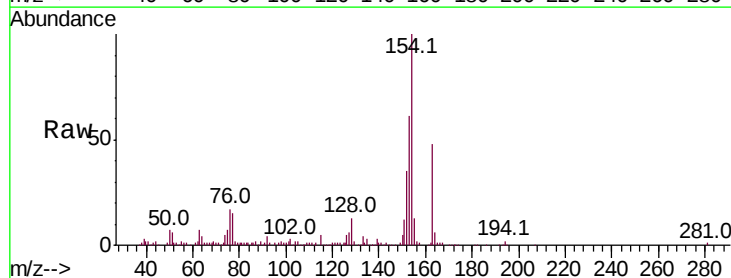
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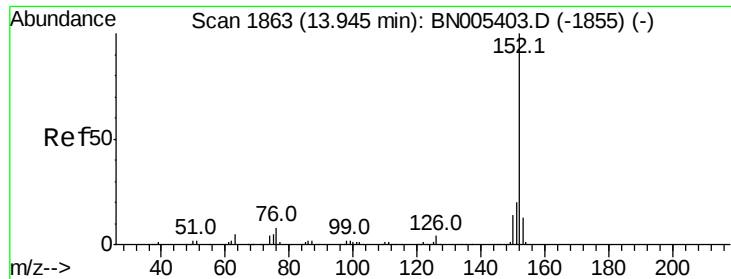
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#44
 Dimethylphthalate
 Concen: 1.265 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BN005410.D
 Acq: 01 May 2019 14:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	11.6	8.1	12.1





#47

Acenaphthylene

Concen: 17.421 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

Instrument :

BNA_N

ClientSampleId :

GAHW2MEDL

Tot Ion:152 Resp: 1775955

Ion Ratio Lower Upper

152 100

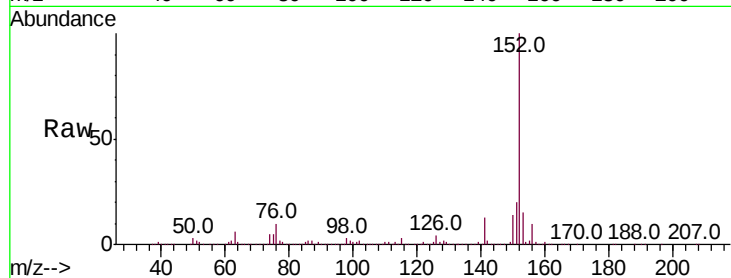
151 20.0 15.8 23.8

153 14.6 9.8 14.8

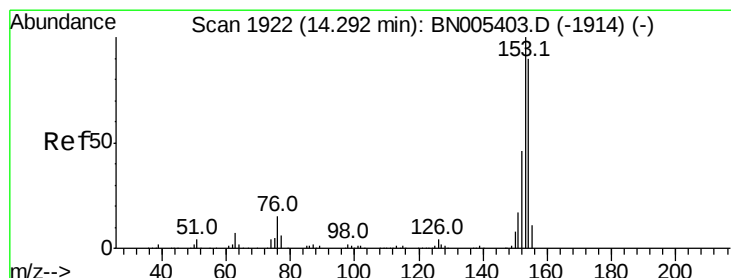
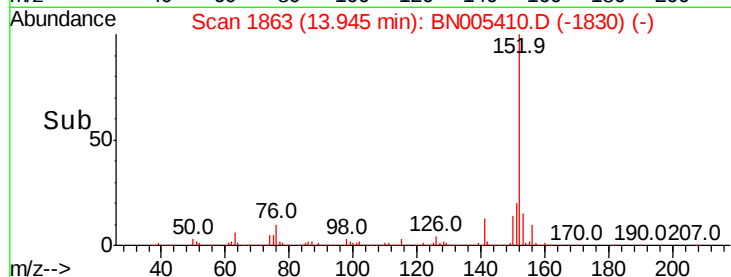
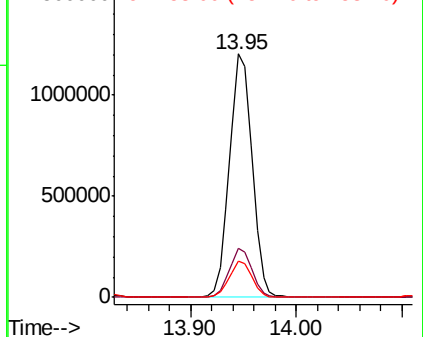
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 2.860 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

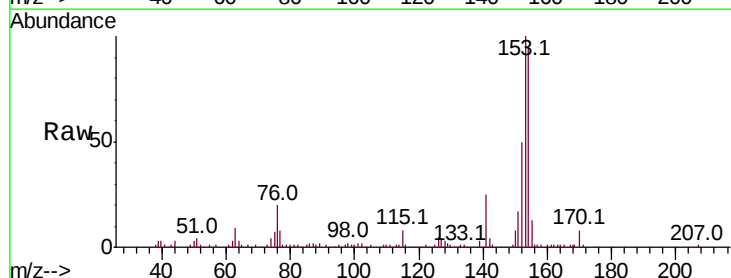
Tgt Ion:153 Resp: 199067

Ion Ratio Lower Upper

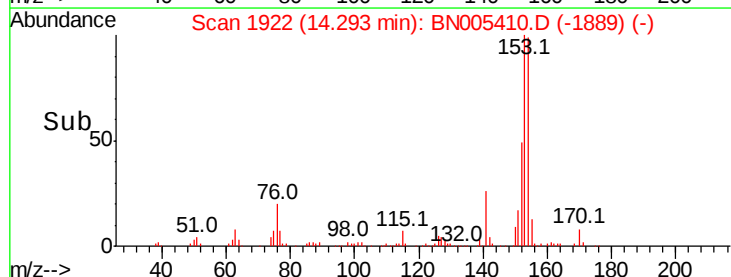
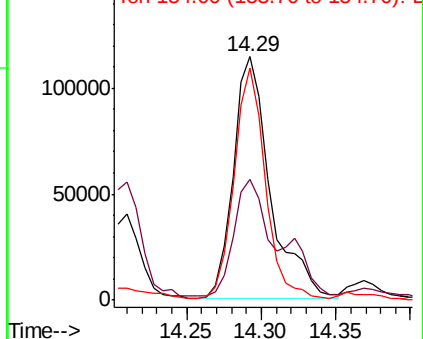
153 100

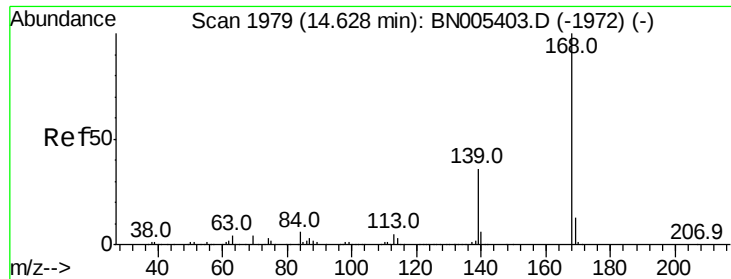
152 49.6 37.4 56.0

154 95.2 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





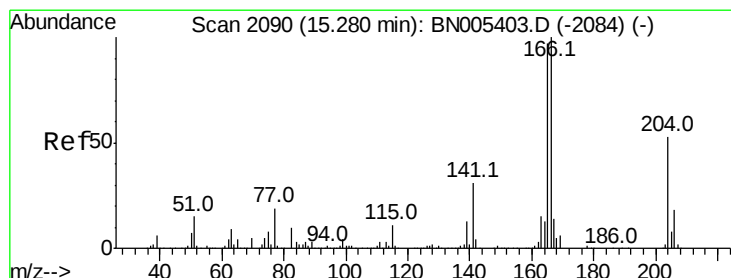
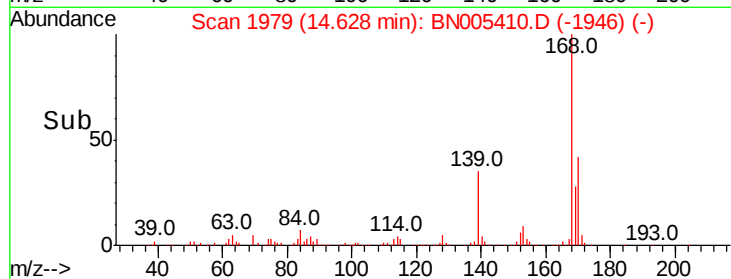
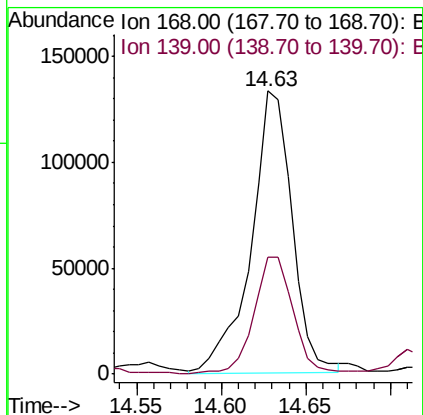
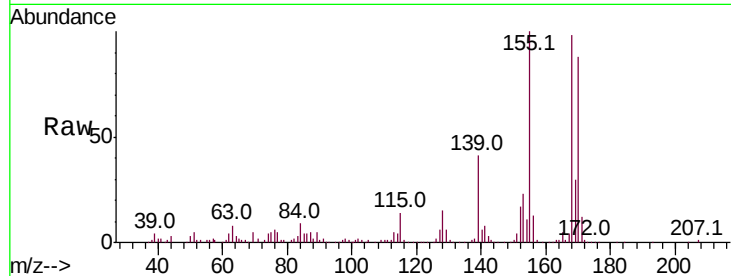
#53
Dibenzenofuran
Concen: 2.253 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN005410.D
Acq: 01 May 2019 14:46

Instrument :
BNA_N
ClientSampleId :
GAHW2MEDL

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	30.9	46.3

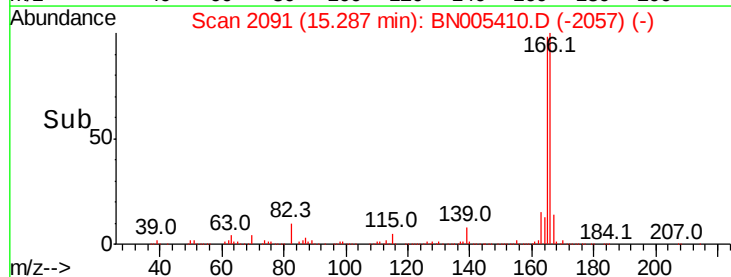
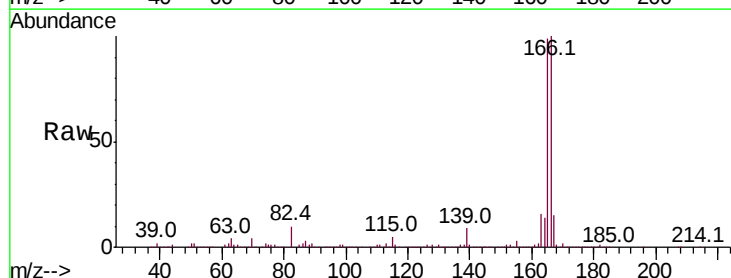
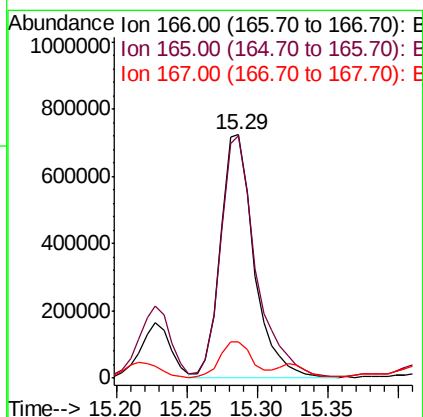
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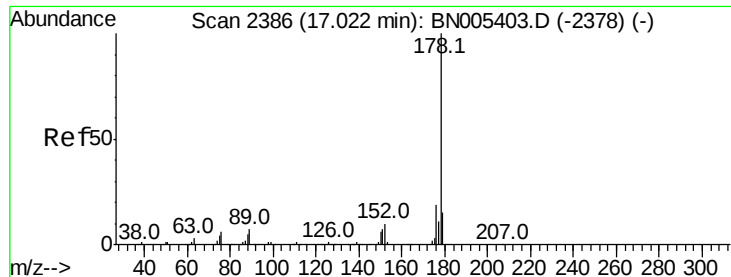
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#58
Fluorene
Concen: 15.215 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BN005410.D
Acq: 01 May 2019 14:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.0	120.0
167	15.0	10.7	16.1





#69

Phenanthrene

Concen: 52.628 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

Instrument :

BNA_N

ClientSampleId :

GAHW2MEDL

Tot Ion:178 Resp: 6053814

Ion Ratio Lower Upper

178 100

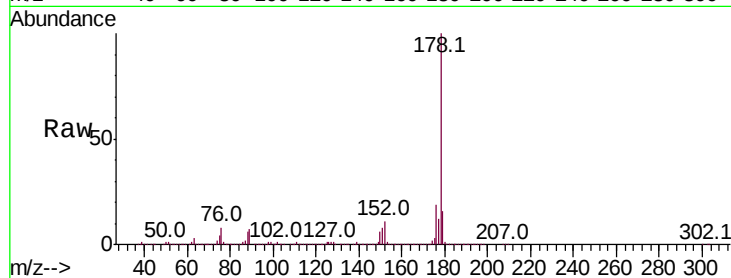
179 15.8 12.2 18.4

176 19.3 15.1 22.7

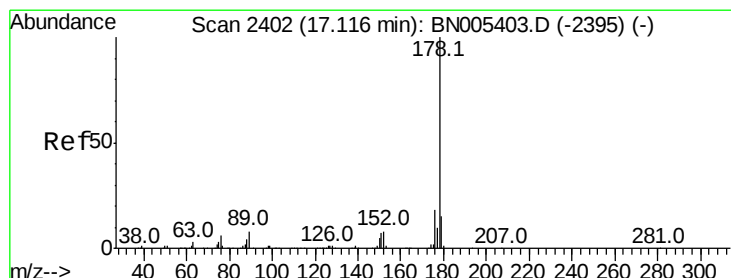
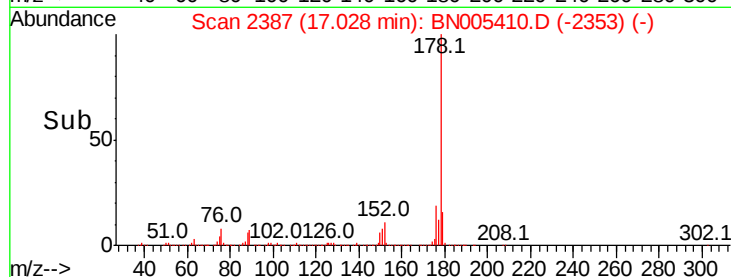
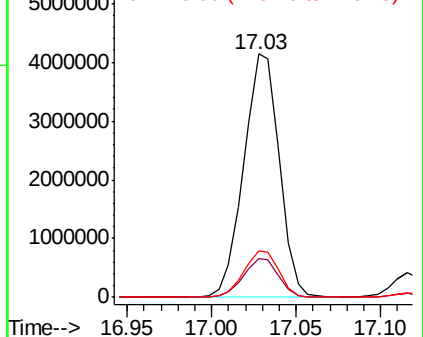
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 4.739 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

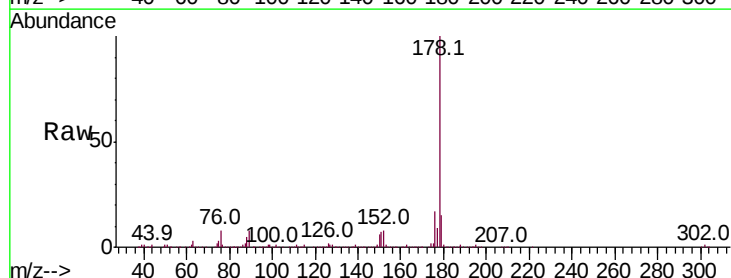
Tgt Ion:178 Resp: 555340

Ion Ratio Lower Upper

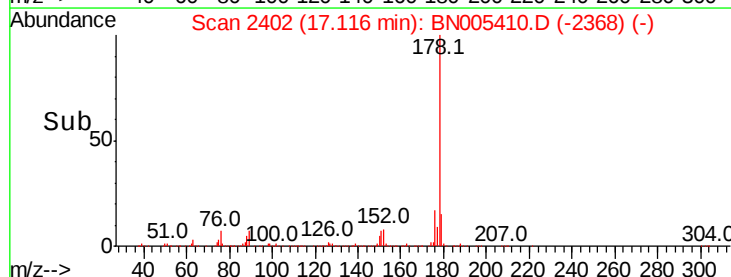
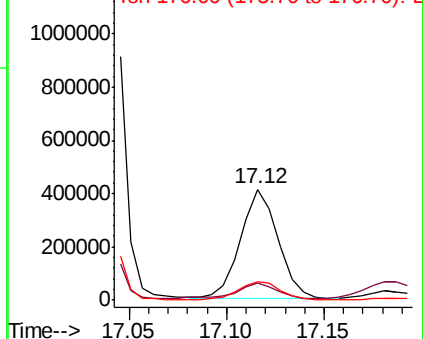
178 100

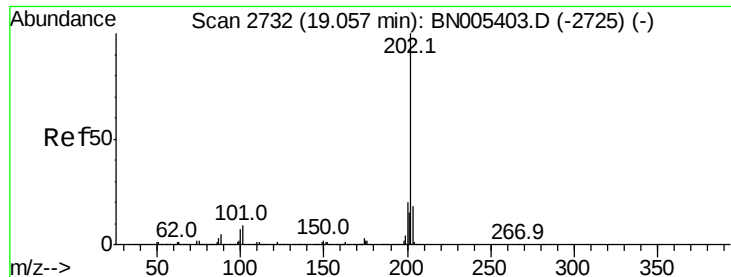
179 15.1 12.3 18.5

176 17.1 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





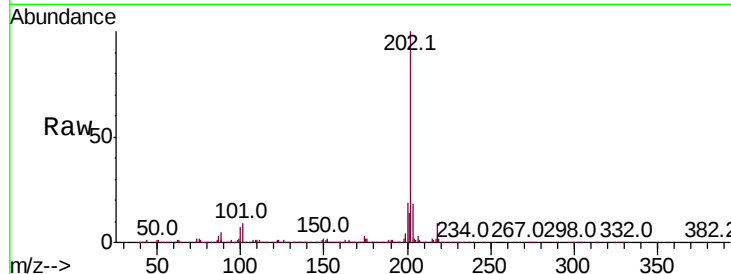
#76
 Fluoranthene
 Concen: 9.737 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005410.D
 Acq: 01 May 2019 14:46

Instrument :
 BNA_N
 ClientSampleId :
 GAHW2MEDL

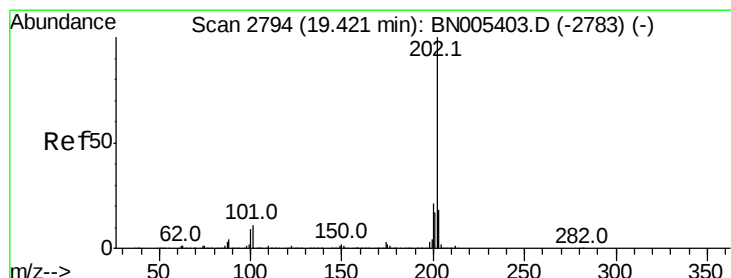
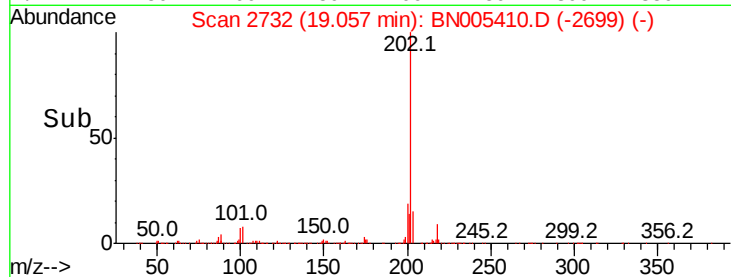
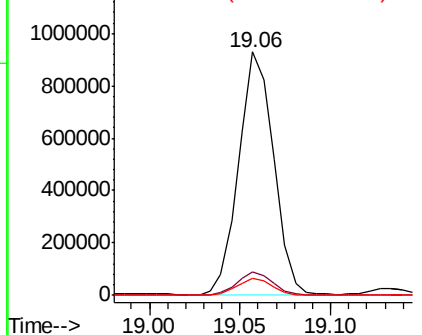
Tot Ion:	202	Resp:	1242354
Ion Ratio	Lower	Upper	
202	100		
101	9.5	8.6	12.8
100	7.0	6.3	9.5

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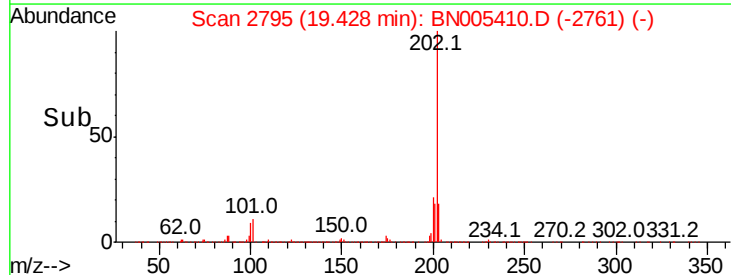
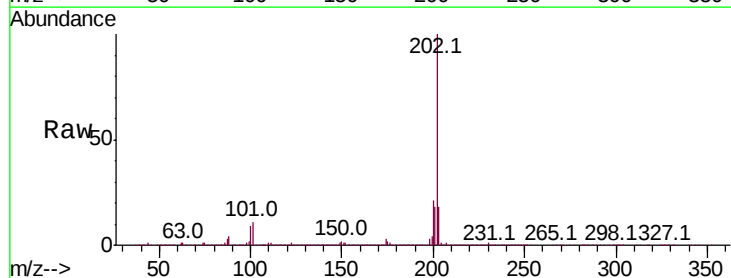
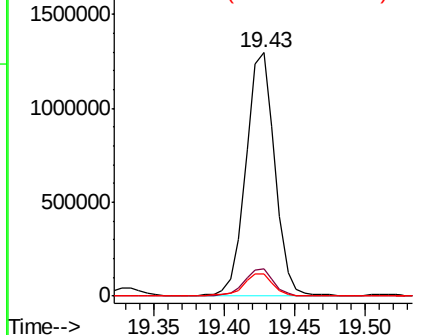
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

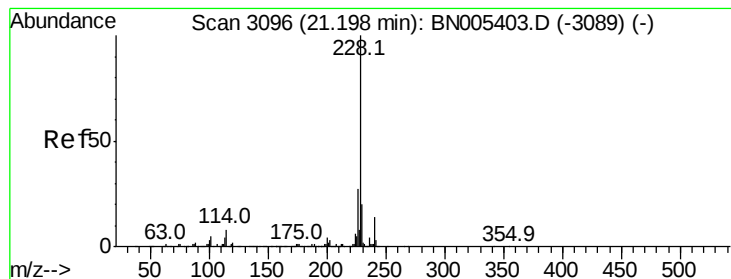


#79
 Pyrene
 Concen: 18.798 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN005410.D
 Acq: 01 May 2019 14:46

Tgt Ion:	202	Resp:	1851580
Ion Ratio	Lower	Upper	
202	100		
101	11.1	10.3	15.5
100	8.9	7.9	11.9

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): B





#82

Benzo(a)anthracene

Concen: 5.762 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

Instrument :

BNA_N

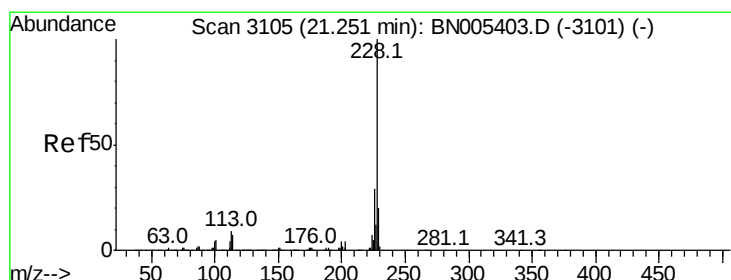
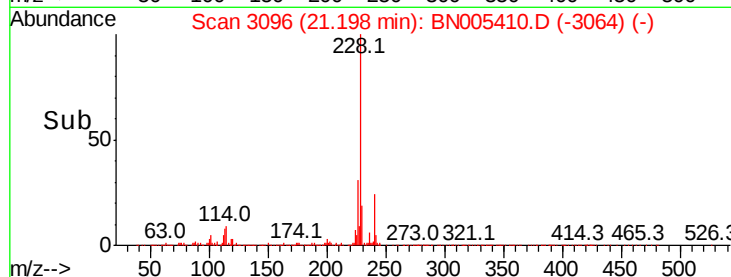
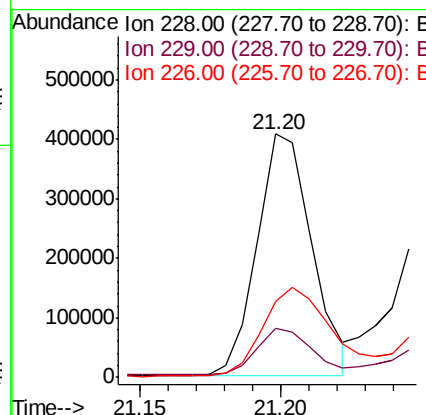
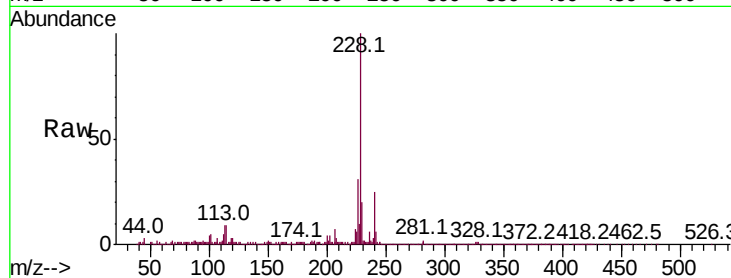
ClientSampled :

GAHW2MEDL

Tot Ion:	228	Resp:	548337
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.8	23.6
226	31.1	21.4	32.2

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#84

Chrysene

Concen: 5.850 ng/ul

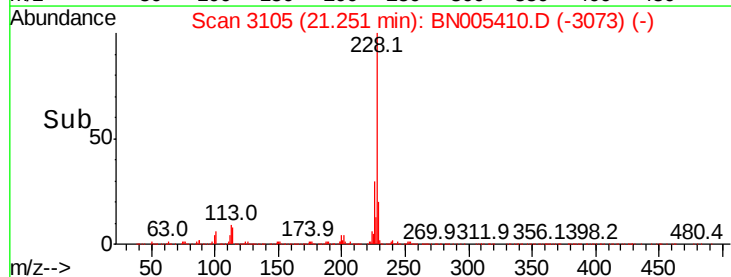
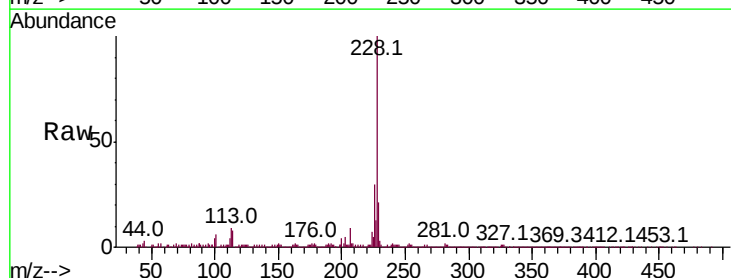
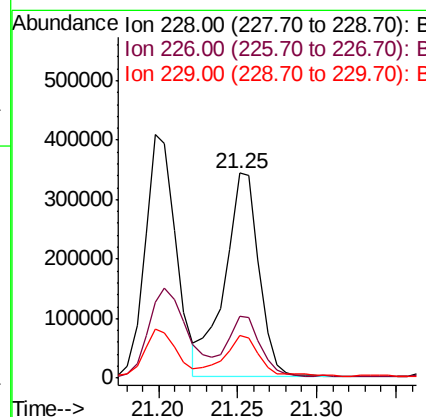
RT: 21.25 min Scan# 3105

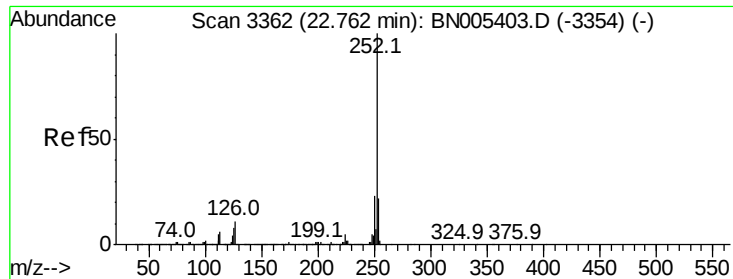
Delta R.T. -0.01 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

Tgt Ion:	228	Resp:	516721
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.0	36.0
229	21.0	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 2.571 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

Instrument :

BNA_N

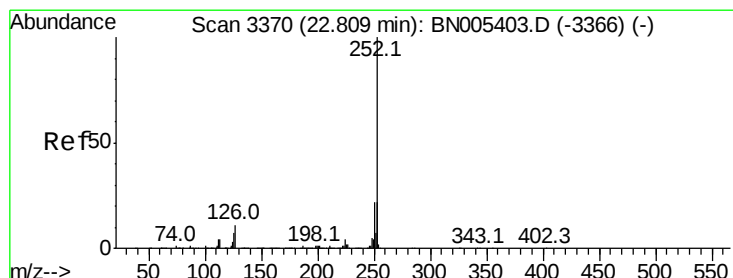
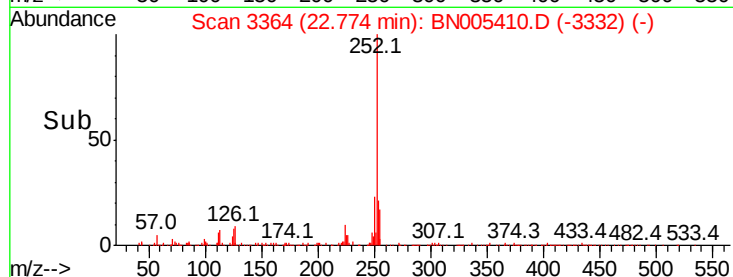
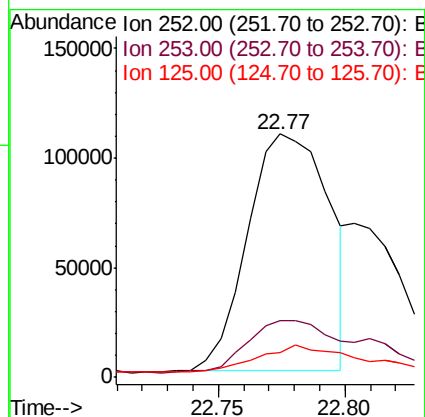
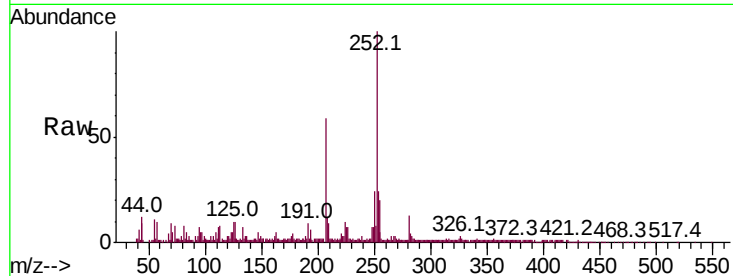
ClientSampleId :

GAHW2MEDL

Tot Ion:	252	Resp:	241888
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.7	26.5
125	10.3	8.4	12.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 1.091 ng/ul m

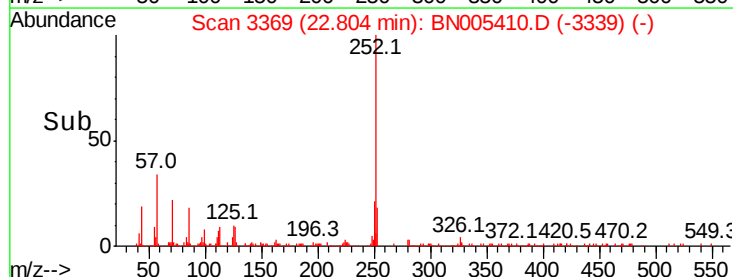
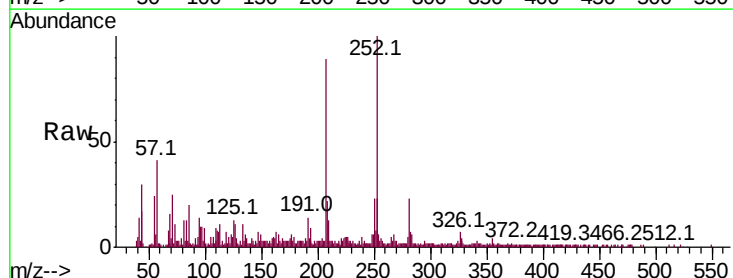
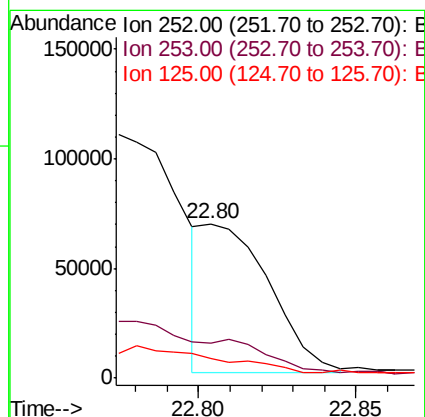
RT: 22.80 min Scan# 3369

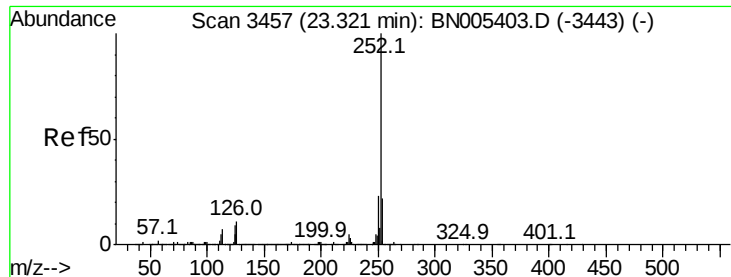
Delta R.T. -0.02 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

Tgt Ion:	252	Resp:	98013
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	13.0	7.5	11.3#





#90

Benzo(a)pyrene

Concen: 2.040 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

Instrument :

BNA_N

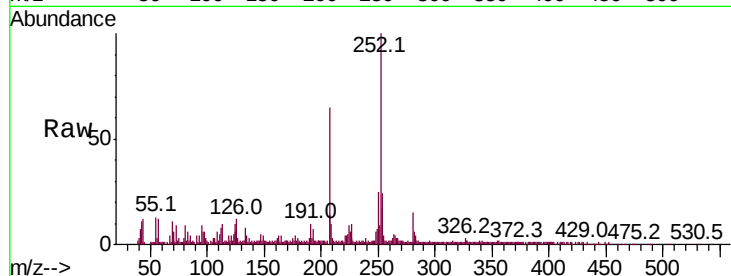
ClientSampleId :

GAHW2MEDL

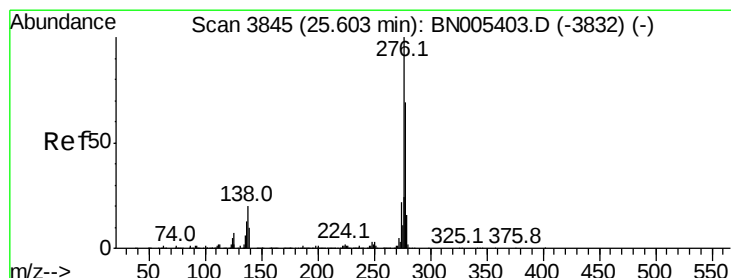
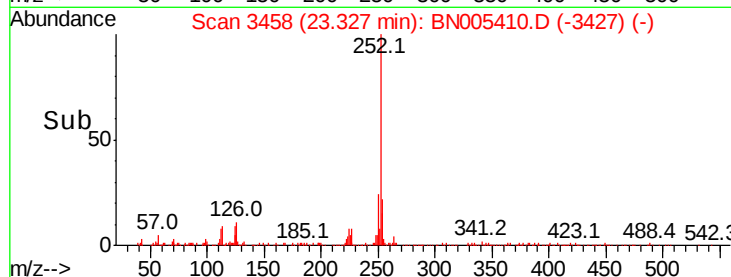
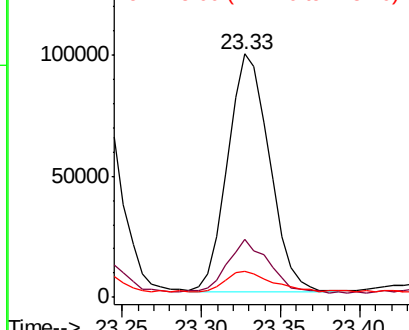
Tot Ion:	252	Resp:	180341
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.3	25.9
125	10.5	8.6	13.0

Manual Integrations
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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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.030 ng/ul

RT: 25.61 min Scan# 3846

Delta R.T. -0.02 min

Lab File: BN005410.D

Acq: 01 May 2019 14:46

Tgt Ion:	276	Resp:	100714
Ion Ratio	Lower	Upper	
276	100		
138	18.6	17.9	26.9
277	31.0	19.7	29.5#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

