

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019489.D
 Acq On : 5 Nov 2015 12:54
 Operator : UM/NP
 Sample : G4273-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAN8

Manual Integrations
 APPROVED

Mmdadoda
 11/6/2015 3:43:13 PM

Quant Time: Nov 06 04:18:03 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36329	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	157035	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	127543	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	360529	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	478968	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	454342	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3435	4.53	ng/uL	0.00
5) Phenol-d5	7.33	99	92317	27.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	62038	29.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	54156	26.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	73761	27.77	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	28589	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	35191	25.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	73057	24.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	81688	27.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	268108	25.50	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	300523	25.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42685	25.55	ng/ul	-0.01
58) Fluorene-d10	15.79	176	240821	24.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	48312	20.70	ng/ul	0.00
71) Anthracene-d10	17.64	188	421248	25.63	ng/ul	0.00
79) Pyrene-d10	19.92	212	512741	24.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	590161	25.88	ng/ul	0.00

Target Compounds

						Ovalue
35) 1-Methylnaphthalene	12.86	142	6323	1.06	ng/ul#	76
45) Dimethylphthalate	14.25	163	115638	10.75	ng/ul	99
50) Acenaphthene	14.87	153	78921	9.80	ng/ul	97
54) Dibenzofuran	15.20	168	48032	4.05	ng/ul	91
59) Fluorene	15.85	166	98083	9.48	ng/ul	98
70) Phenanthrene	17.59	178	237190	13.04	ng/ul	99
72) Anthracene	17.69	178	146711	7.91	ng/ul	98
77) Fluoranthene	19.59	202	653870	27.76	ng/ul#	94
80) Pyrene	19.95	202	461224	17.16	ng/ul#	94
83) Benzo(a)anthracene	21.80	228	232595	8.34	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	20762	1.67	ng/ul#	99
85) Chrysene	21.87	228	179654	6.87	ng/ul	98
88) Benzo(b)fluoranthene	24.10	252	177037	6.61	ng/ul#	94
89) Benzo(k)fluoranthene	24.17	252	59580	2.31	ng/ul	99
91) Benzo(a)pyrene	25.01	252	131286	5.10	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.01	276	65910m	2.27	ng/ul	
94) Benzo(g,h,i)perylene	30.19	276	50140m	2.28	ng/ul	

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

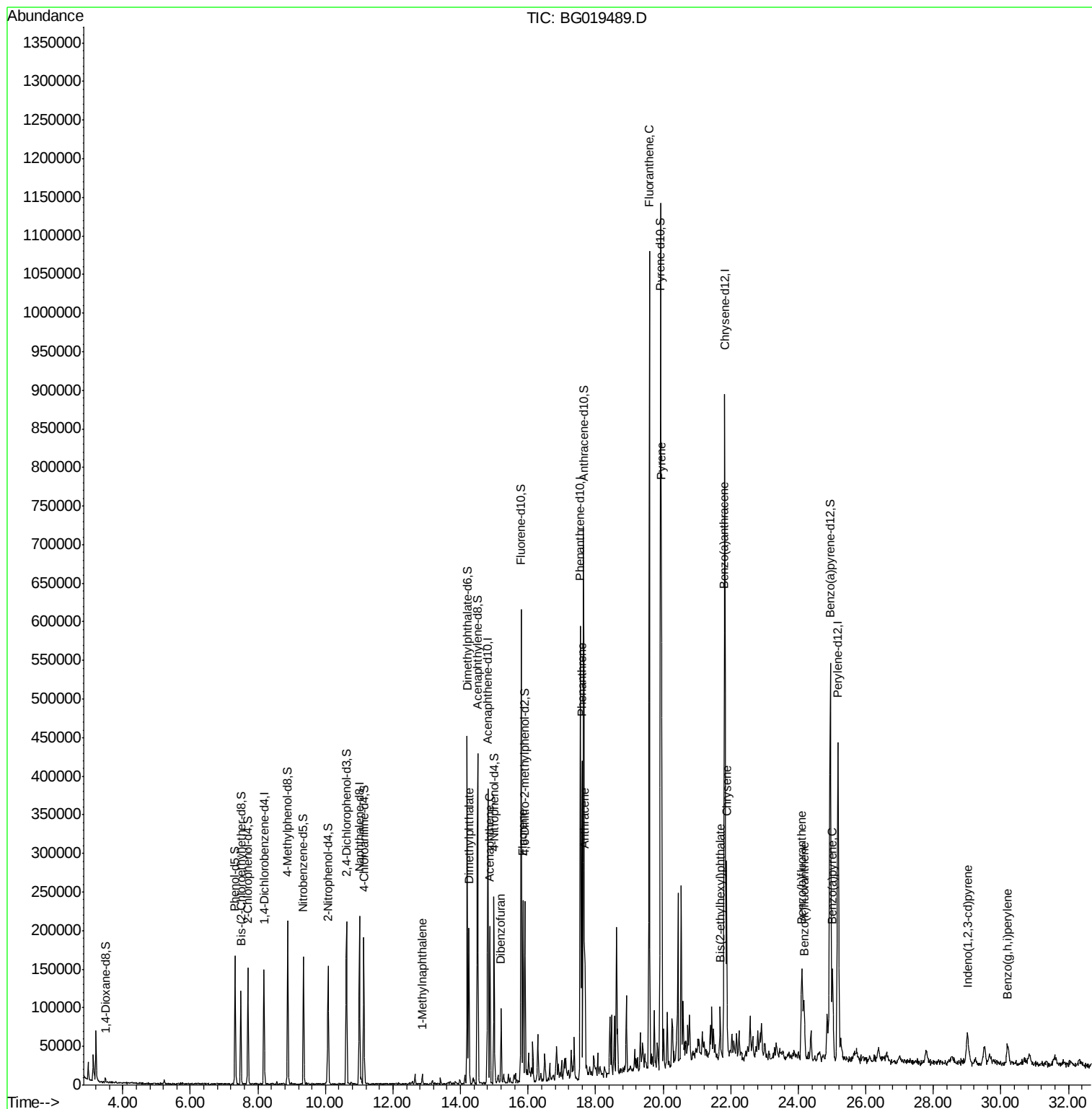
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
Data File : BG019489.D
Acq On : 5 Nov 2015 12:54
Operator : UM/NP
Sample : G4273-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

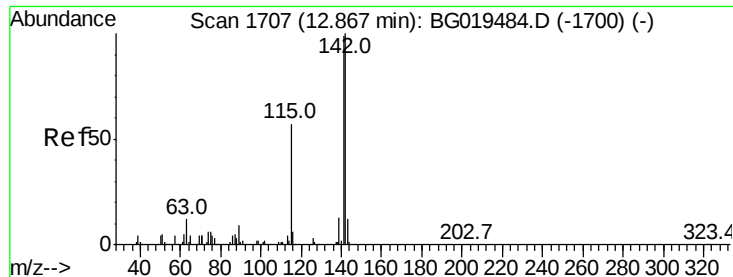
Instrument :
BNA_G
ClientSampleId :
C0AN8

Manual Integrations
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Quant Time: Nov 06 04:18:03 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration





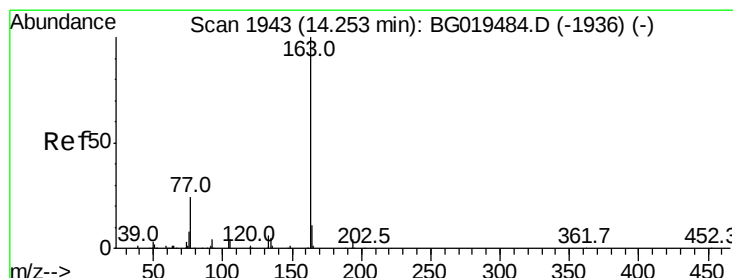
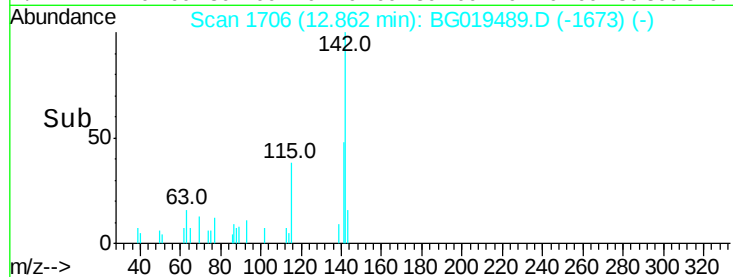
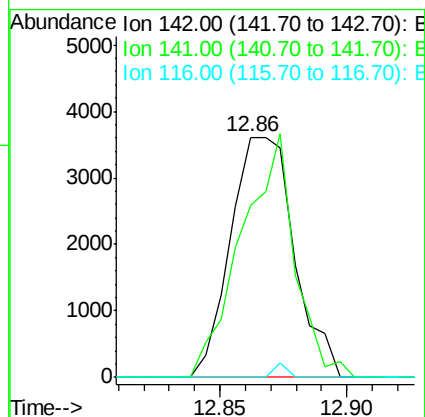
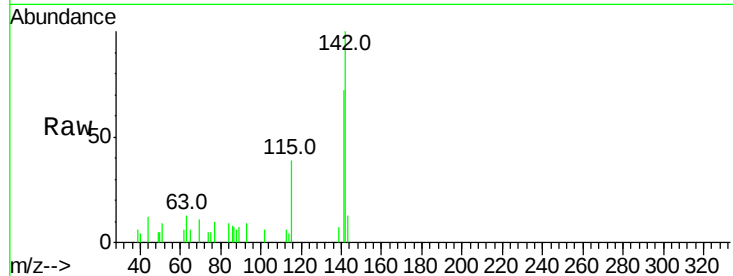
#35
 1-Methyl-naphthalene
 Concen: 1.06 ng/ul
 RT: 12.86 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG019489.D
 Acq: 5 Nov 2015 12:54

Instrument :
 BNA_G
 ClientSampleID :
 COAN8

Tot Ion	Ratio	Lower	Upper
142	100		
141	71.8	76.5	114.7#
116	0.0	5.4	8.0#

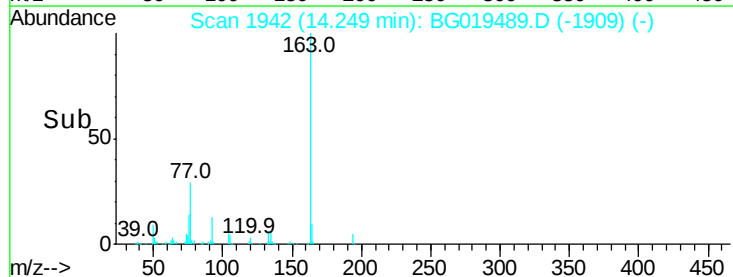
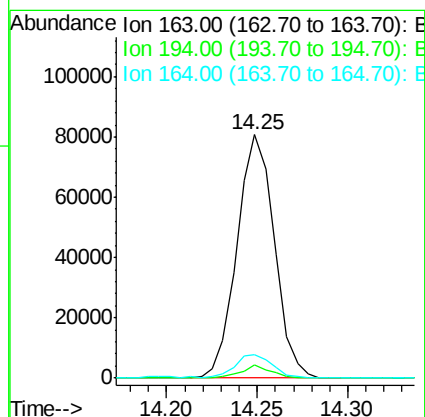
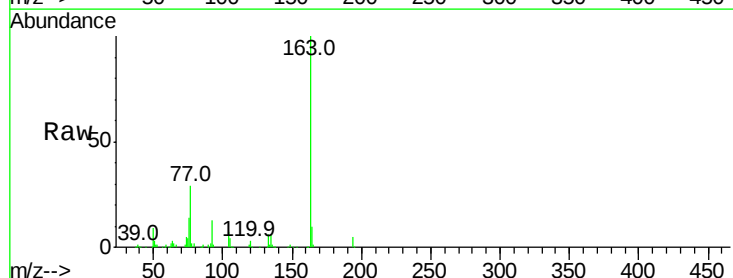
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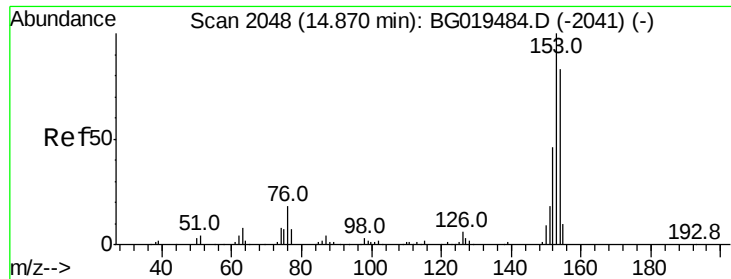
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#45
 Dimethylphthalate
 Concen: 10.75 ng/ul
 RT: 14.25 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: BG019489.D
 Acq: 5 Nov 2015 12:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.3	6.5
164	9.9	7.5	11.3





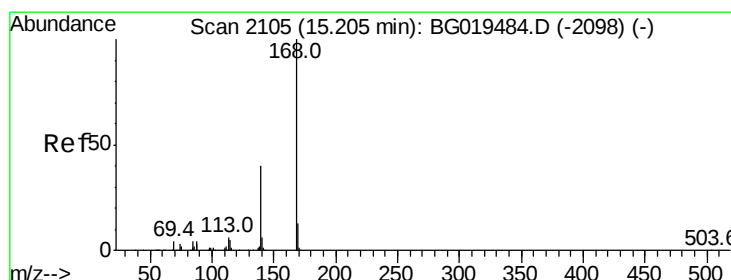
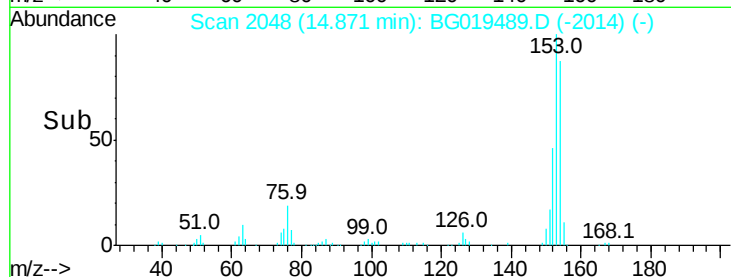
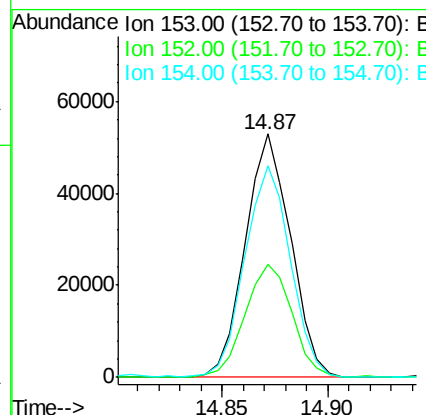
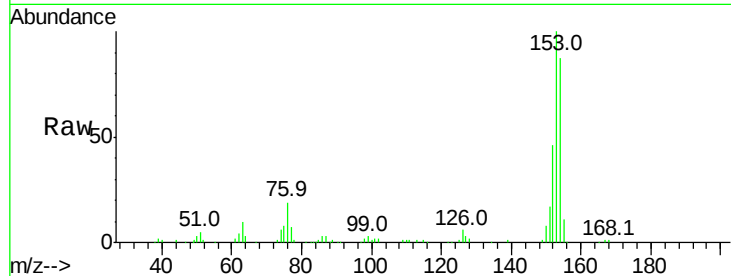
#50
Acenaphthene
Concen: 9.80 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019489.D
Acq: 5 Nov 2015 12:54

Instrument :
BNA_G
ClientSampleId :
COAN8

Tot Ion	Ratio	Lower	Upper
153	100		
152	46.2	38.8	58.2
154	86.9	71.5	107.3

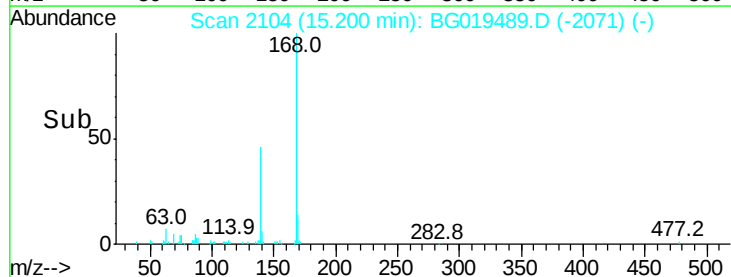
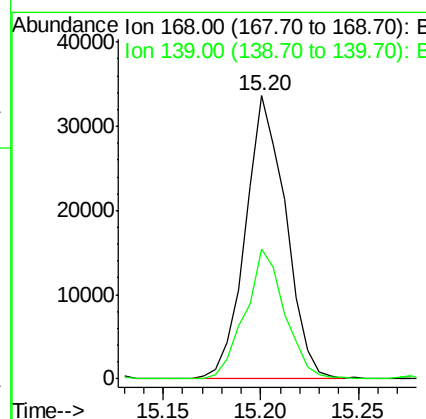
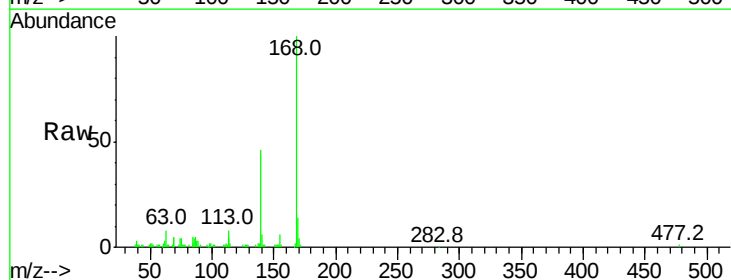
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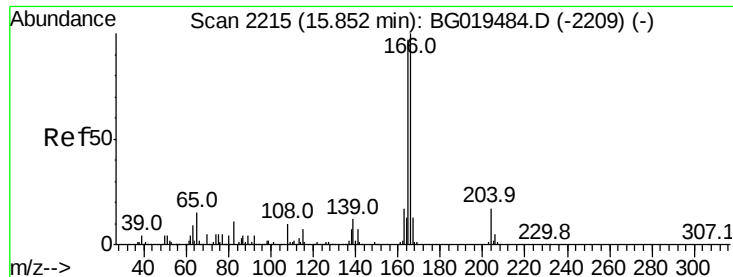
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#54
Dibenzofuran
Concen: 4.05 ng/ul
RT: 15.20 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG019489.D
Acq: 5 Nov 2015 12:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.1	32.4	48.6





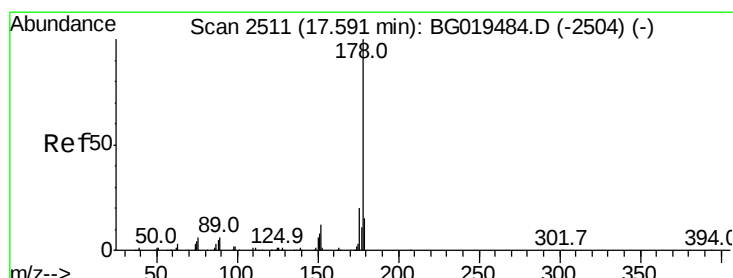
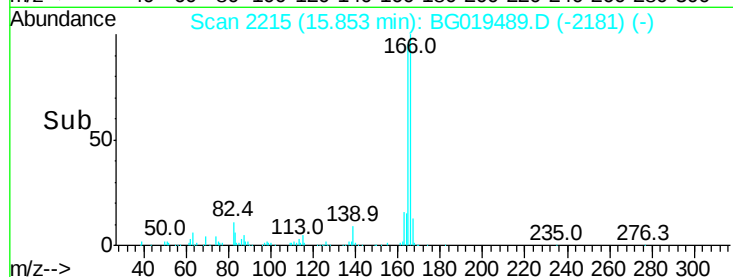
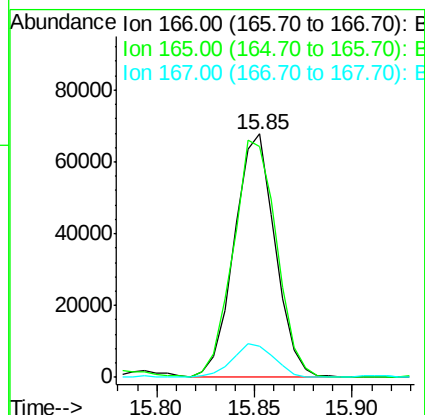
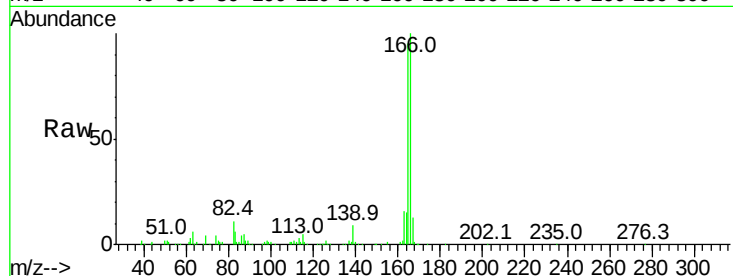
#59
 Fluorene
 Concen: 9.48 ng/ul
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG019489.D
 Acq: 5 Nov 2015 12:54

Instrument :
 BNA_G
 ClientSampleId :
 COAN8

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.6	116.4
167	13.5	9.6	14.4

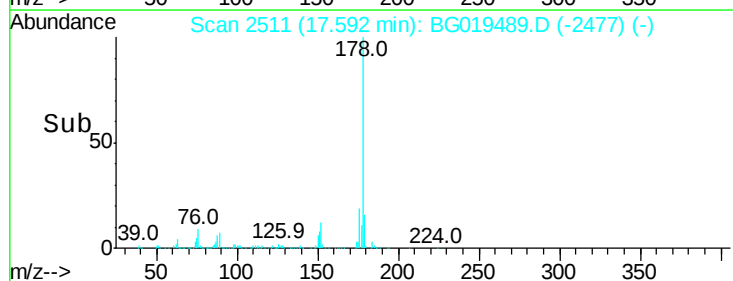
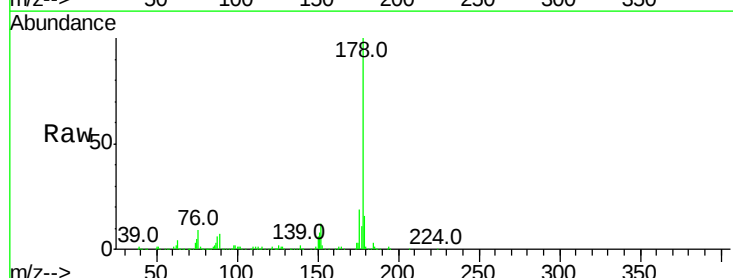
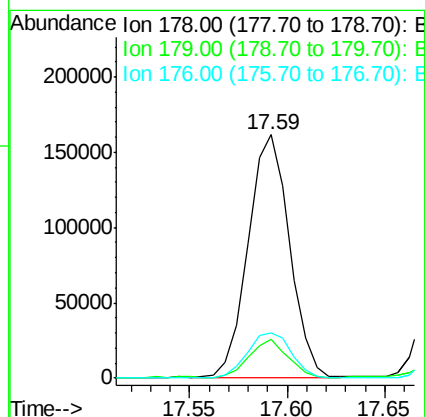
Manual Integrations
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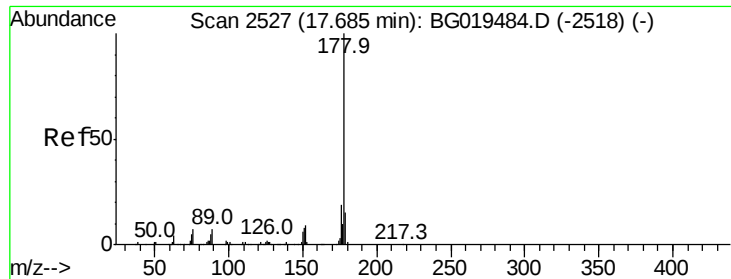
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#70
 Phenanthrene
 Concen: 13.04 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: BG019489.D
 Acq: 5 Nov 2015 12:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	18.6	14.3	21.5





#72

Anthracene

Concen: 7.91 ng/ul

RT: 17.69 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG019489.D

Acq: 5 Nov 2015 12:54

Instrument :

BNA_G

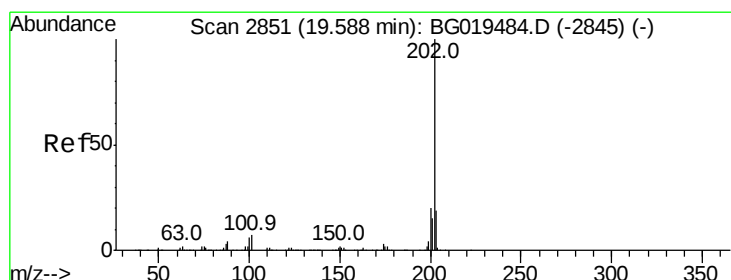
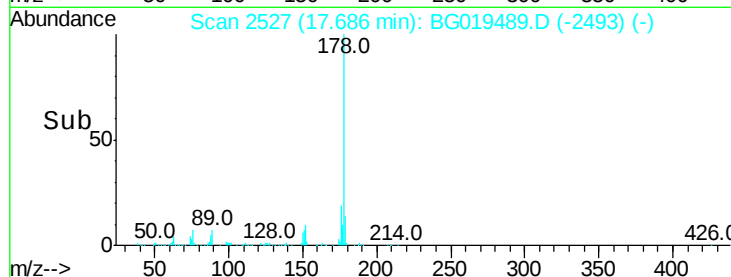
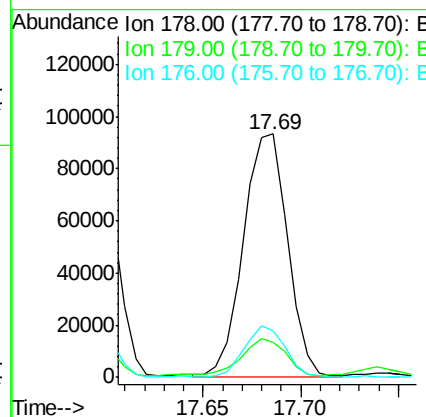
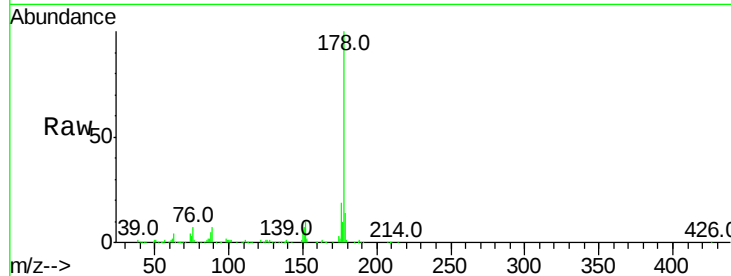
ClientSampleId :

COAN8

Tot Ion:	178	Resp:	146711
Ion Ratio	Lower	Upper	
178	100		
179	14.1	11.6	17.4
176	19.2	14.2	21.4

Manual Integrations
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#77

Fluoranthene

Concen: 27.76 ng/ul

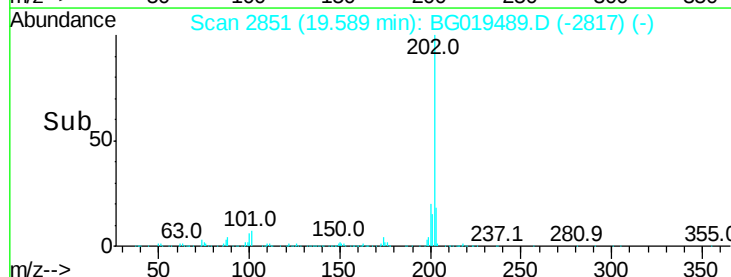
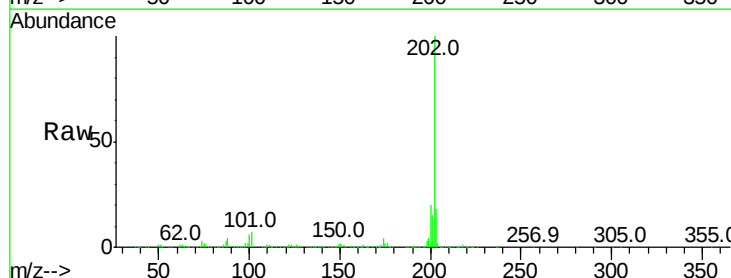
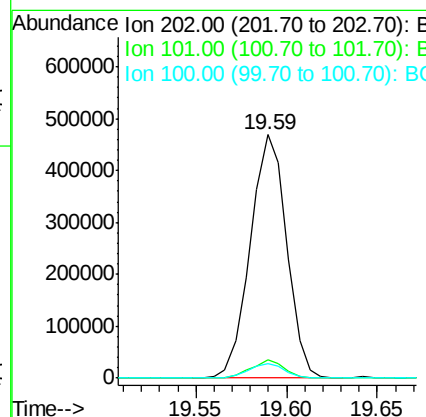
RT: 19.59 min Scan# 2851

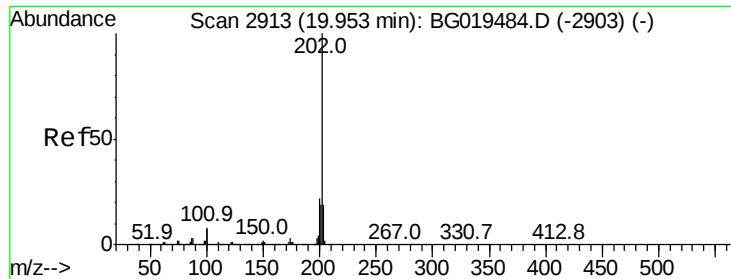
Delta R.T. 0.00 min

Lab File: BG019489.D

Acq: 5 Nov 2015 12:54

Tgt Ion:	202	Resp:	653870
Ion Ratio	Lower	Upper	
202	100		
101	7.3	4.0	6.0#
100	5.8	3.6	5.4#





#80

Pvrene

Concen: 17.16 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG019489.D

Acq: 5 Nov 2015 12:54

Instrument :

BNA_G

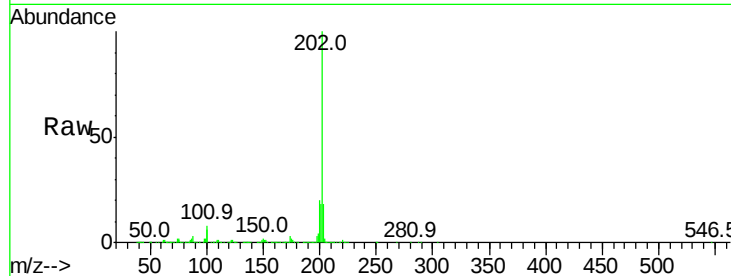
ClientSampleId :

COAN8

Tot Ion	Ratio	Resp	Lower	Upper
202	100	461224		
101	7.6	4.3	6.5#	
100	6.1	3.6	5.4#	

Manual Integrations
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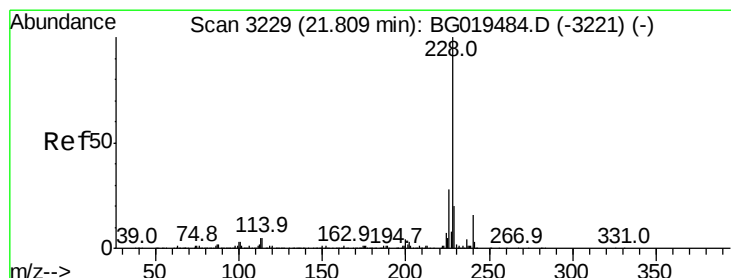
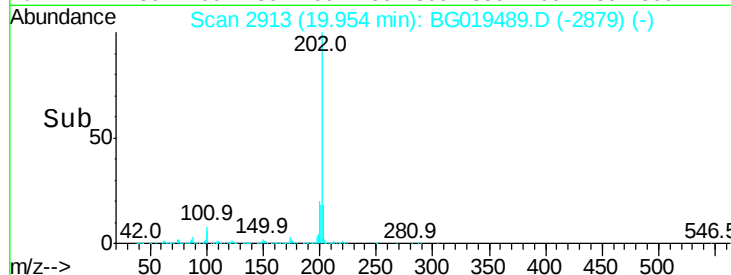
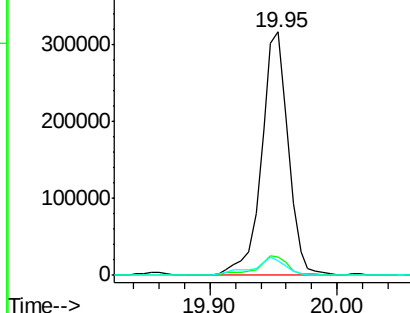
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#83

Benzo(a)anthracene

Concen: 8.34 ng/ul

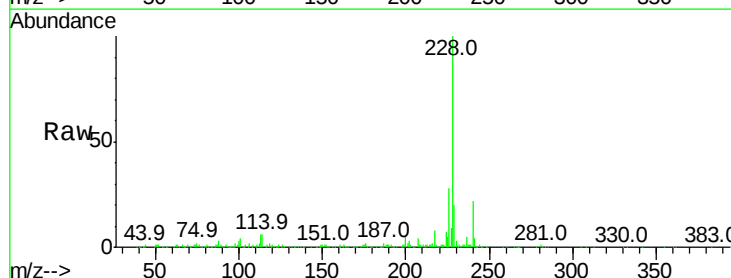
RT: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG019489.D

Acq: 5 Nov 2015 12:54

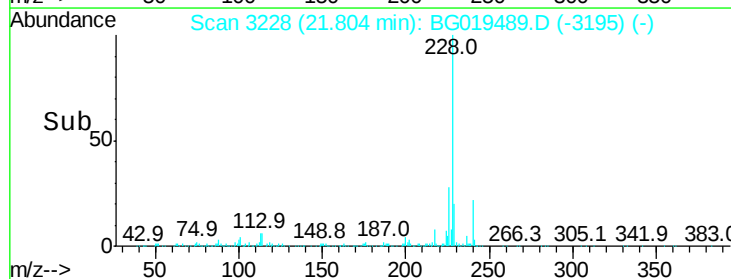
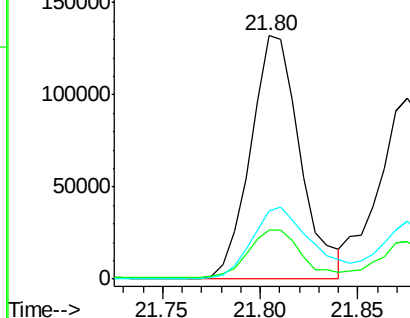
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	232595		
229	20.0	15.8	23.8	
226	28.2	21.8	32.6	

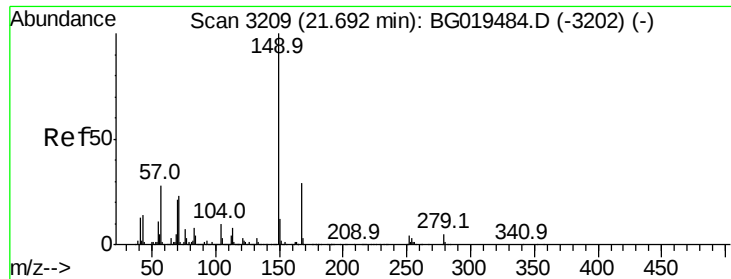


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





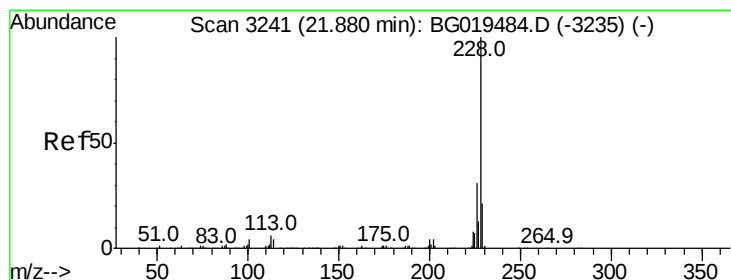
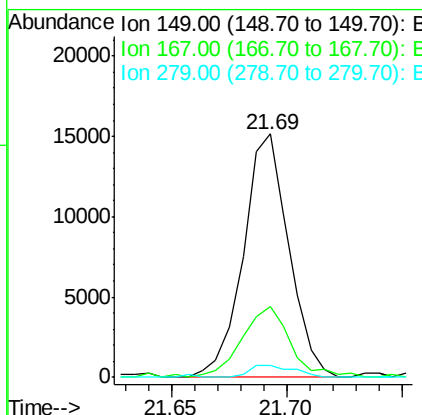
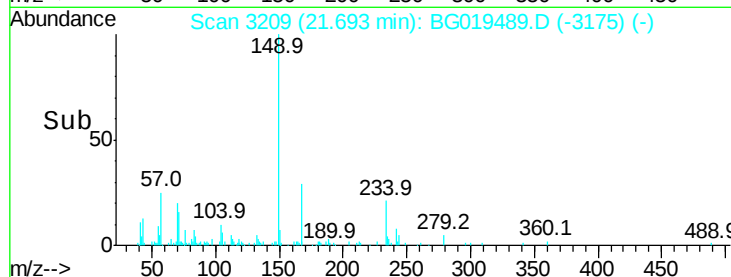
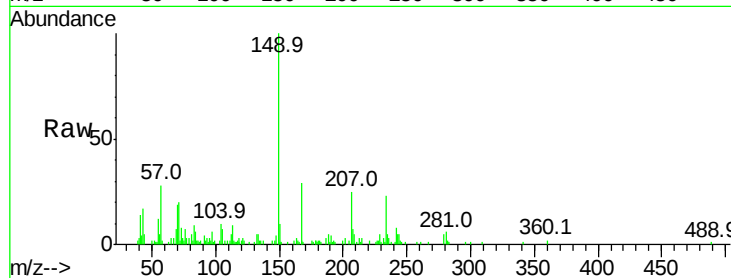
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.67 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BG019489.D
Acq: 5 Nov 2015 12:54

Instrument :
BNA_G
ClientSampleId :
COAN8

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.2	34.8
279	4.7	5.0	7.4

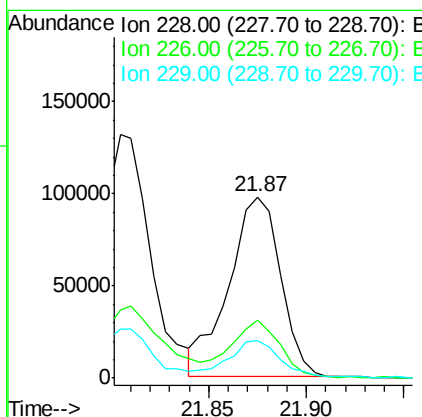
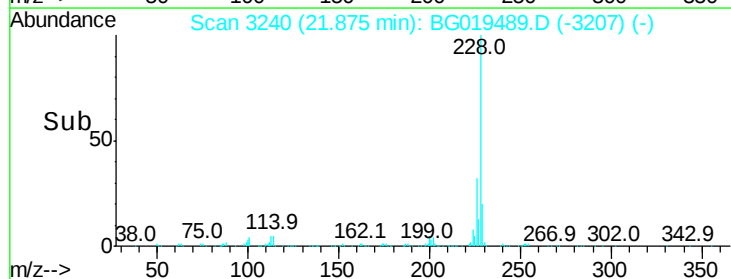
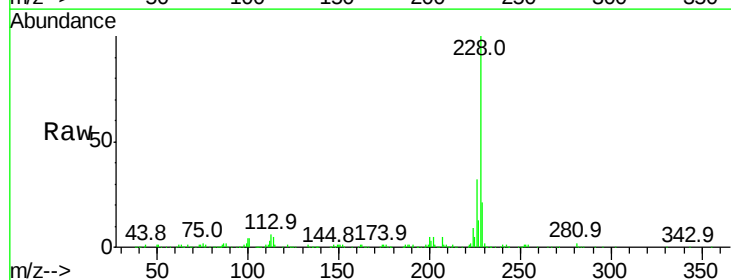
Manual Integrations
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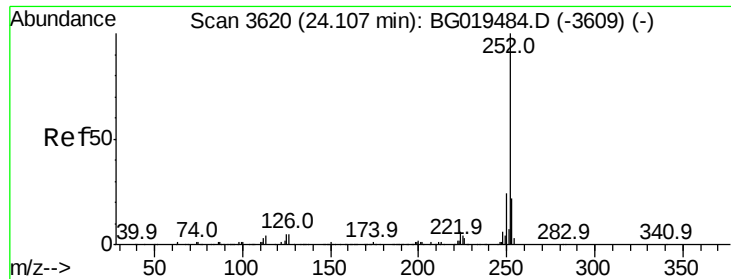
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#85
Chrysene
Concen: 6.87 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG019489.D
Acq: 5 Nov 2015 12:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	36.8
229	20.7	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 6.61 ng/ul

RT: 24.10 min Scan# 3619

Delta R.T. -0.00 min

Lab File: BG019489.D

Acq: 5 Nov 2015 12:54

Instrument :

BNA_G

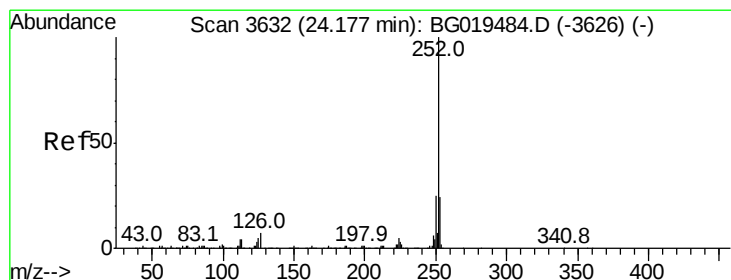
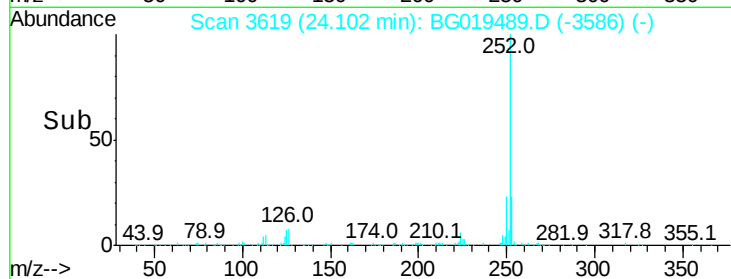
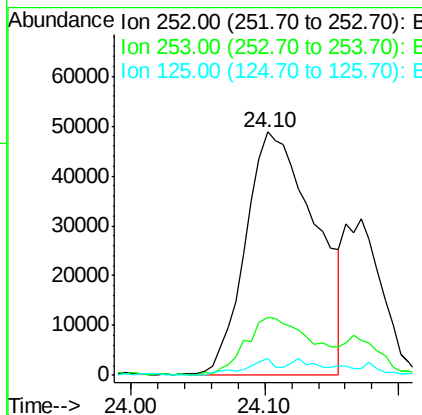
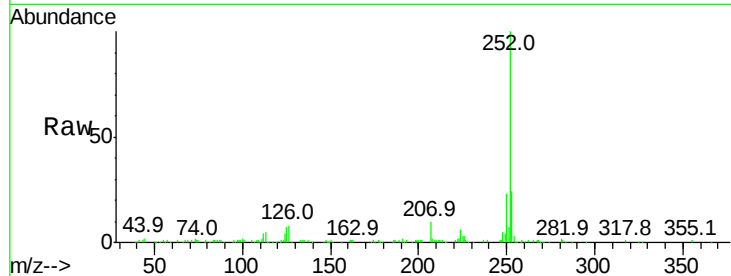
ClientSampleId :

COAN8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	6.8	2.5	3.7

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#89

Benzo(k)fluoranthene

Concen: 2.31 ng/ul

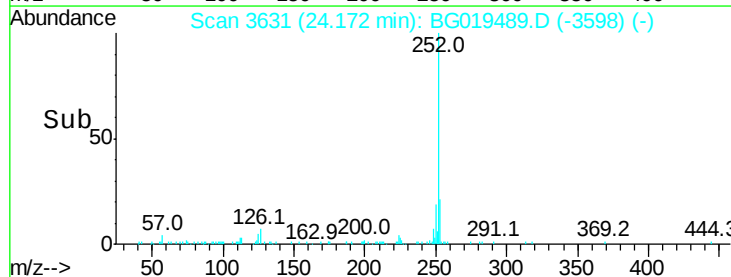
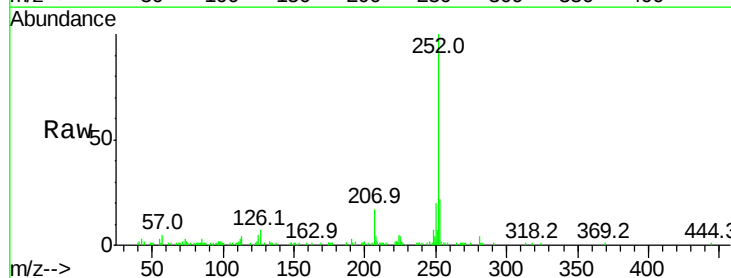
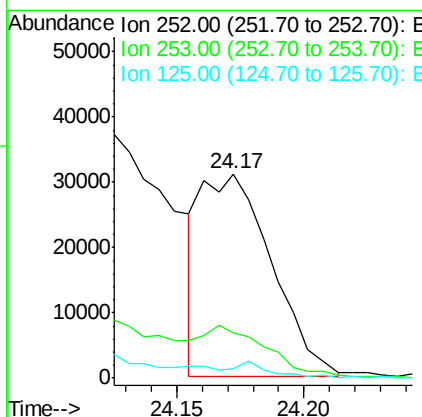
RT: 24.17 min Scan# 3631

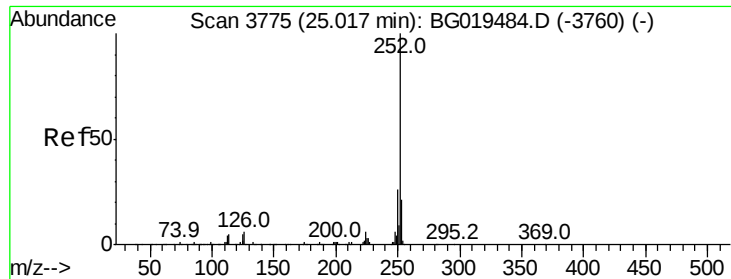
Delta R.T. -0.00 min

Lab File: BG019489.D

Acq: 5 Nov 2015 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	4.5	3.1	4.7





#91

Benzo(a)pyrene

Concen: 5.10 ng/ul

RT: 25.01 min Scan# 3774

Delta R.T. -0.00 min

Lab File: BG019489.D

Acq: 5 Nov 2015 12:54

Instrument :

BNA_G

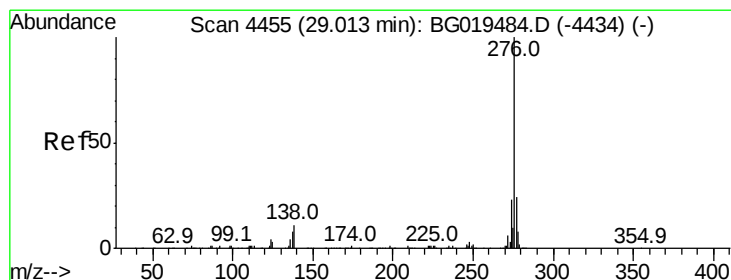
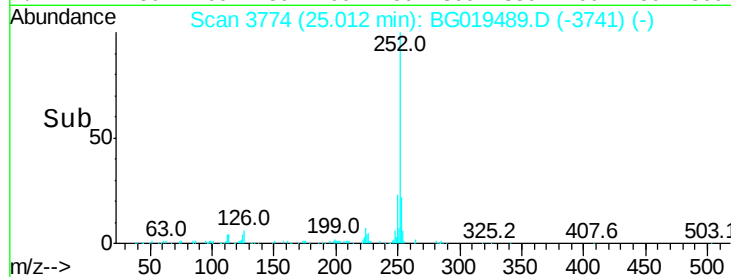
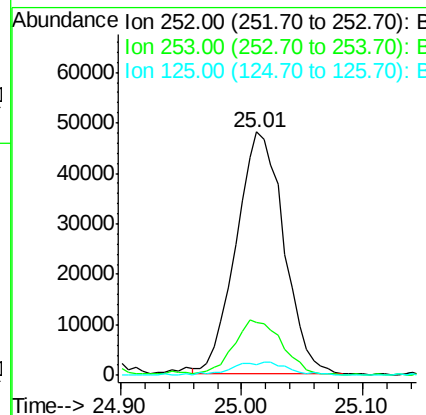
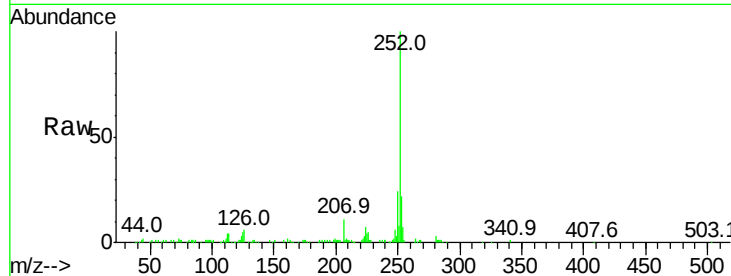
ClientSampleId :

COAN8

Tot Ion:	252	Resp:	131286
Ion Ratio	Lower	Upper	
252	100		
253	21.8	16.0	24.0
125	4.6	3.3	4.9

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.27 ng/ul m

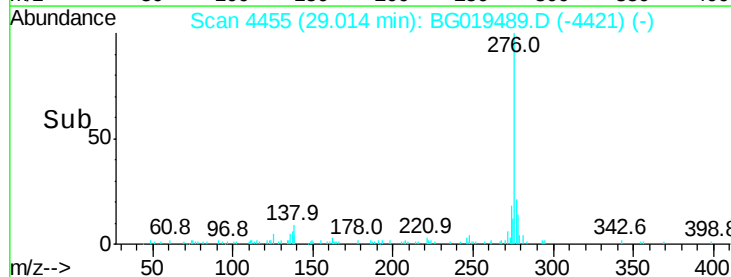
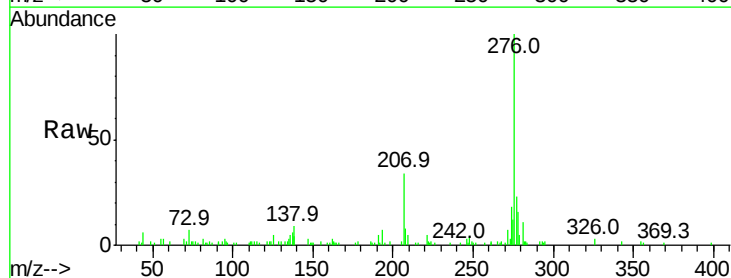
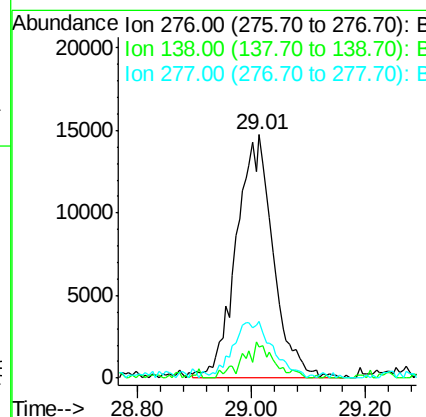
RT: 29.01 min Scan# 4455

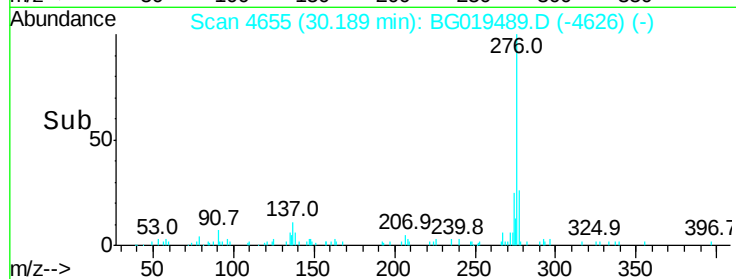
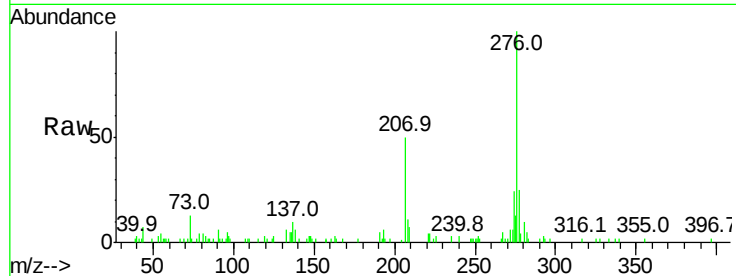
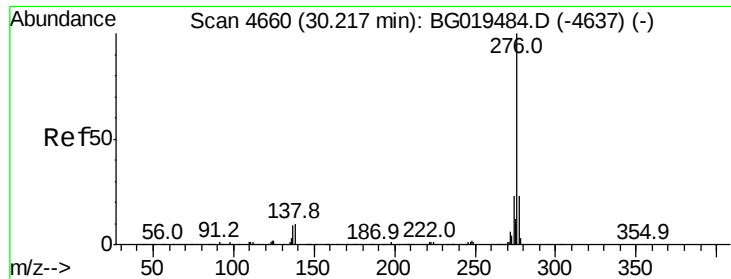
Delta R.T. 0.00 min

Lab File: BG019489.D

Acq: 5 Nov 2015 12:54

Tgt Ion:	276	Resp:	65910
Ion Ratio	Lower	Upper	
276	100		
138	8.8	6.2	9.4
277	23.2	17.9	26.9





#94

Benzo(a,h,i)perylene

Concen: 2.28 ng/ul m

RT: 30.19 min Scan# 4655

Delta R.T. -0.03 min

Lab File: BG019489.D

Acq: 5 Nov 2015 12:54

Instrument :

BNA_G

ClientSampleId :

COAN8

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.8	5.6	8.4
277	25.0	16.0	24.0

Manual Integrations
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11/6/2015 3:43:13 PM

