

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030589.D
 Acq On : 30 Oct 2017 21:54
 Operator : SJ/JU
 Sample : I5842-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:43:46 PM

Quant Time: Oct 31 07:04:19 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 05:54:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	76061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	387359	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	247910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	553370	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	586768	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	591053	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	7968	4.26	ng/uL	0.00
5) Phenol-d5	7.31	99	170740	23.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	93213	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	132232	25.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	150308	25.49	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	66162	23.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	82784	29.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	158995	24.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	57779	7.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	479492	22.62	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	622078	24.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	73287	18.73	ng/ul	0.00
57) Fluorene-d10	15.76	176	439634	25.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	75849	28.08	ng/ul	0.00
70) Anthracene-d10	17.61	188	618662	23.64	ng/ul	0.00
76) Pyrene-d10	19.89	212	712751	23.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	682252	24.37	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.34	94	29052	3.846 ng/ul	94
44) Dimethylphthalate	14.22	163	39086	1.891 ng/ul	98
74) Fluoranthene	19.55	202	98578	2.949 ng/ul	99
77) Pyrene	19.92	202	161551	4.108 ng/ul	99
80) Benzo(a)anthracene	21.77	228	84652	2.302 ng/ul	97
82) Chrysene	21.84	228	104718m	3.134 ng/ul	
84) Di-n-octyl phthalate	22.88	149	112345	2.841 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	148226	4.177 ng/ul	96
86) Benzo(k)fluoranthene	24.11	252	46270m	1.349 ng/ul	
88) Benzo(a)pyrene	24.95	252	64362	1.863 ng/ul	97

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

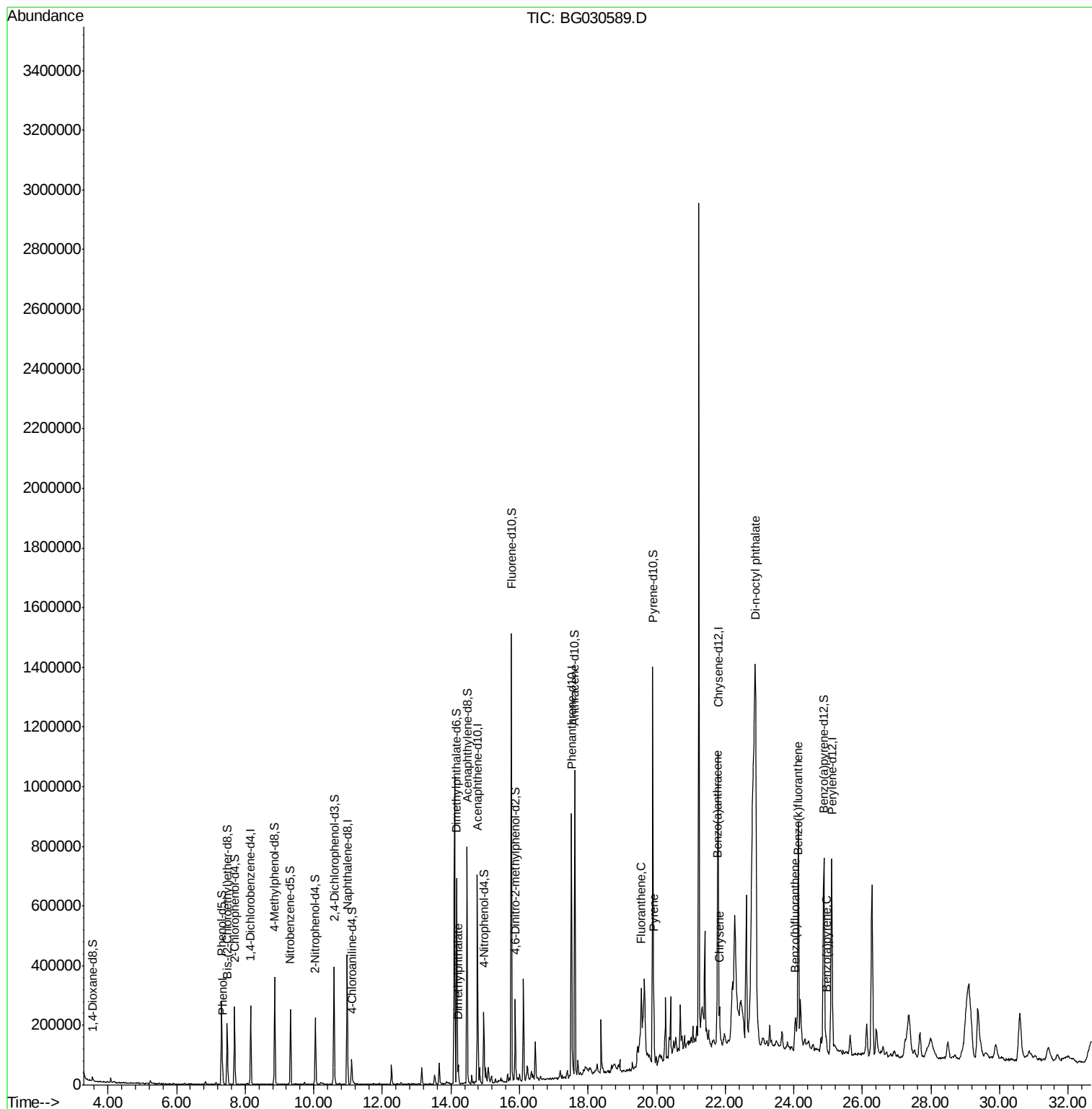
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
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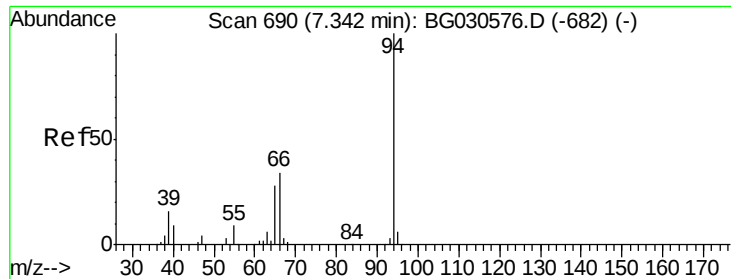
Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 05:54:30 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.846 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

Instrument :

BNA_G

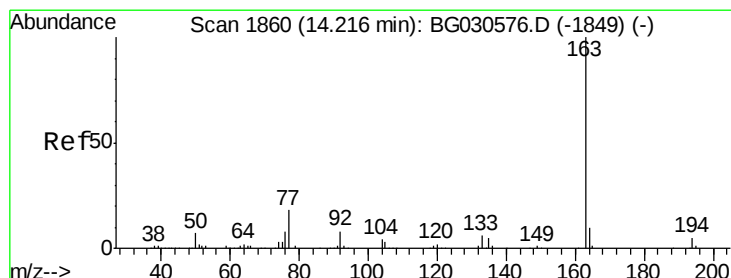
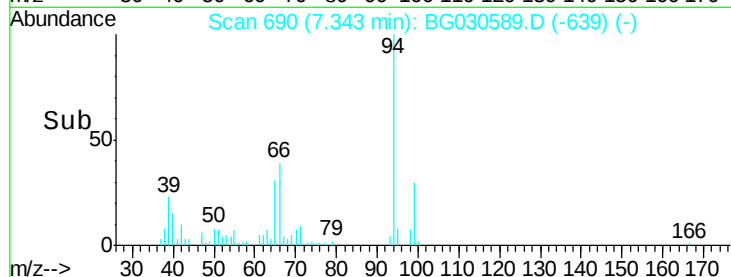
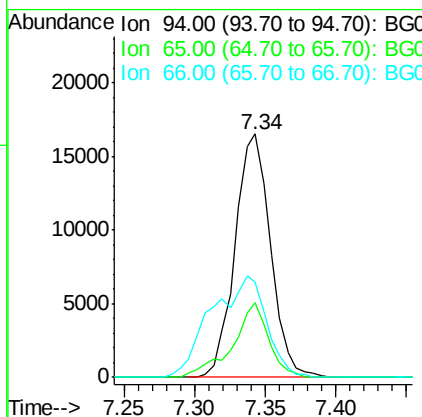
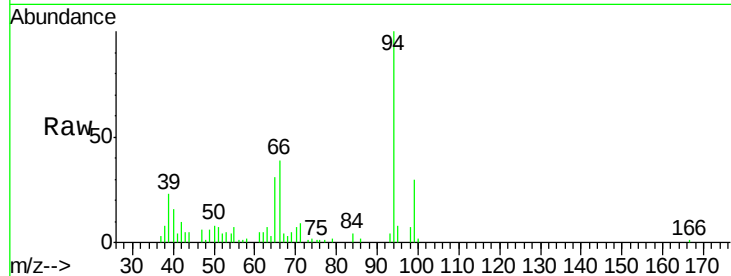
ClientSampleId :

C0AB9

Tgt Ion:	94	Resp:	29052
Ion	Ratio	Lower	Upper
94	100		
65	30.7	27.1	40.7
66	38.9	34.6	52.0

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#44

Dimethylphthalate

Concen: 1.891 ng/ul

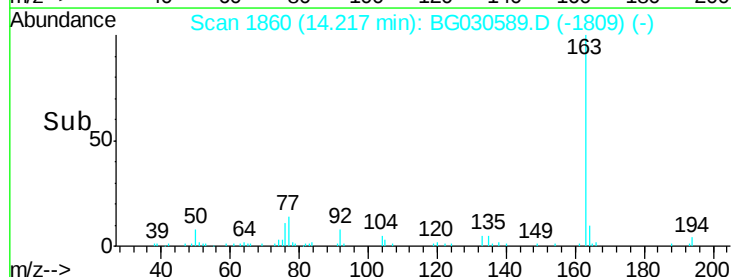
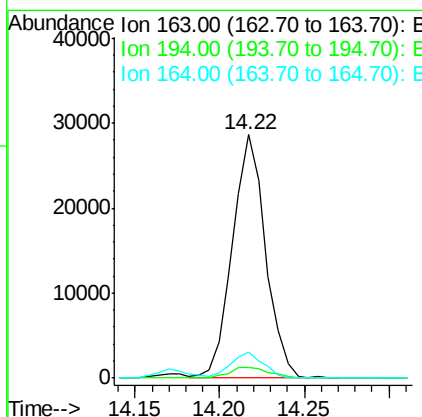
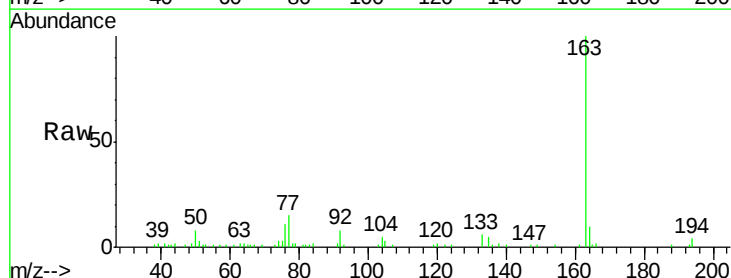
RT: 14.22 min Scan# 1860

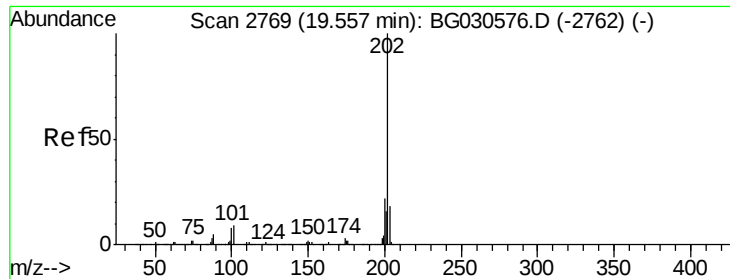
Delta R.T. 0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

Tgt Ion:	163	Resp:	39086
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.5	7.6	11.4





#74

Fluoranthene

Concen: 2.949 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

Instrument :

BNA_G

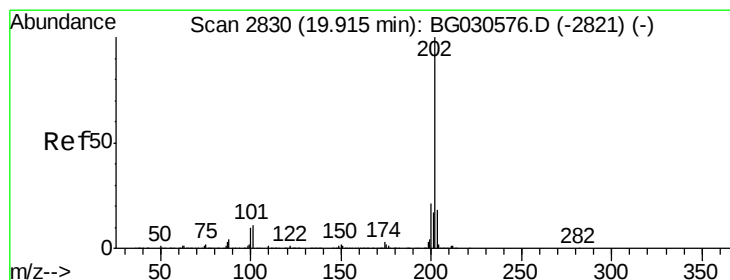
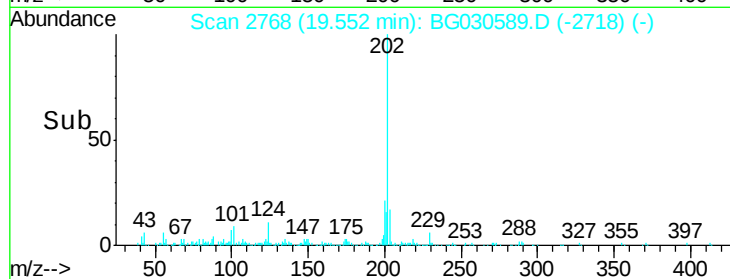
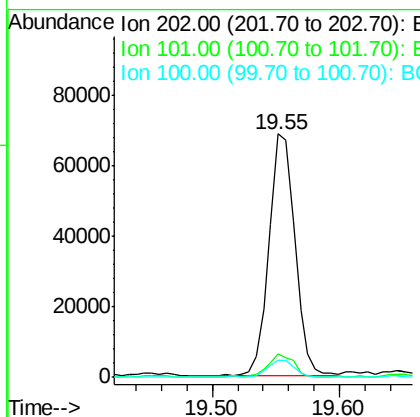
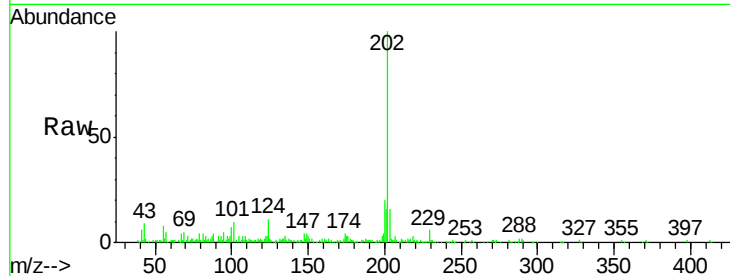
ClientSampleId :

C0AB9

Tgt Ion:	202	Resp:	98578
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.4	11.2
100	7.2	5.6	8.4

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#77

Pyrene

Concen: 4.108 ng/ul

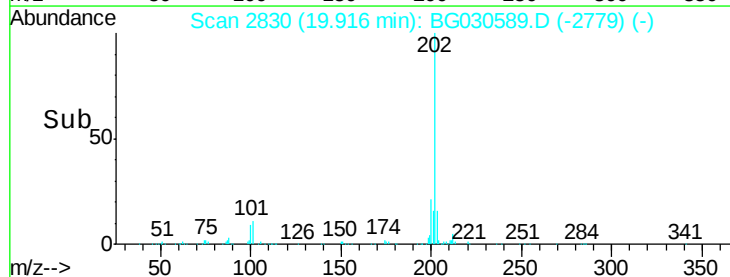
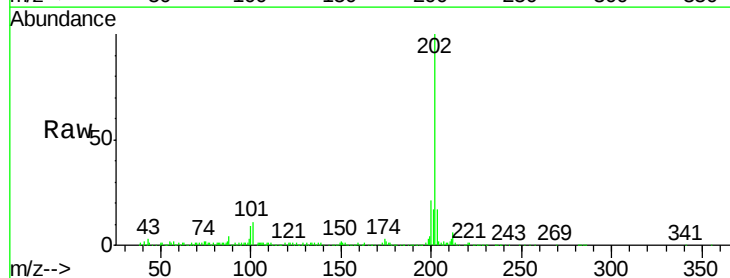
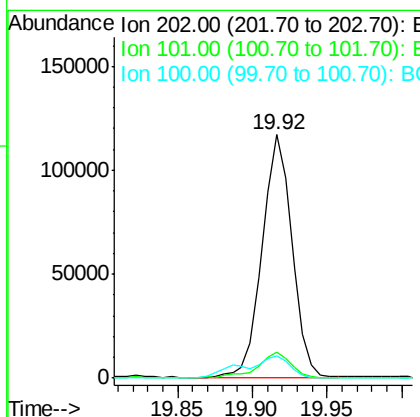
RT: 19.92 min Scan# 2830

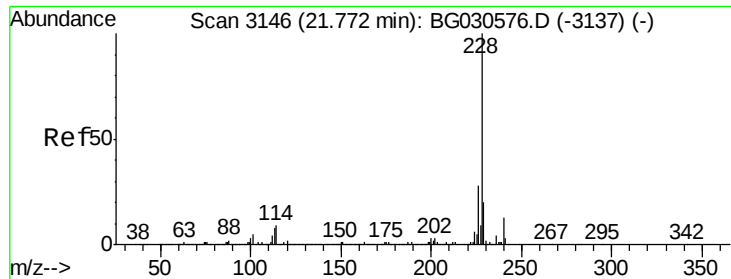
Delta R.T. 0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

Tgt Ion:	202	Resp:	161551
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.4	12.6
100	9.0	7.0	10.6





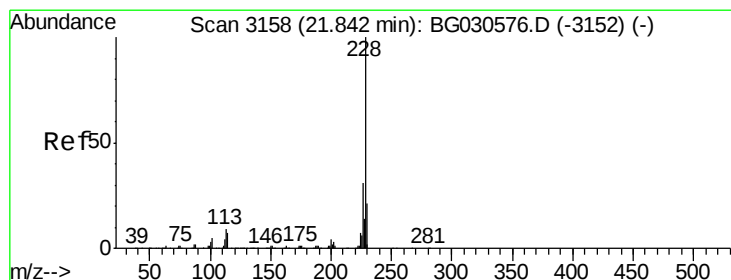
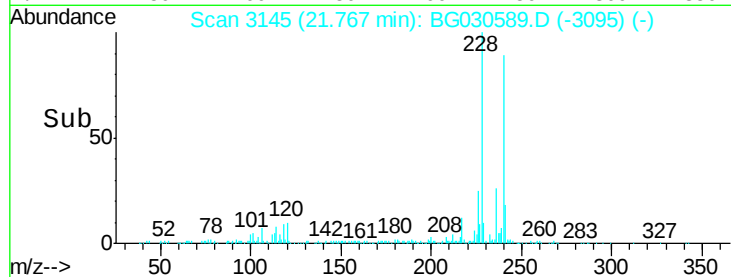
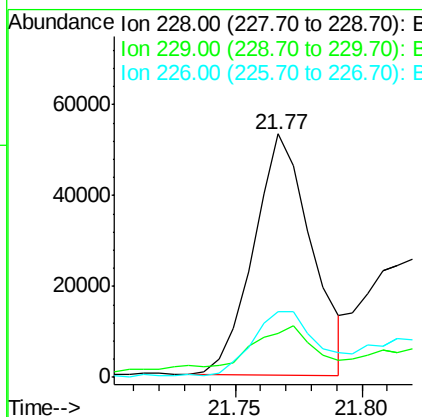
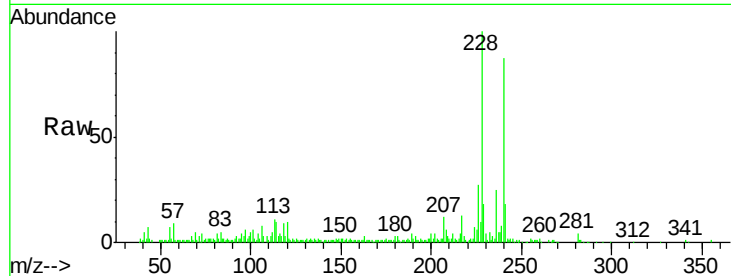
#80
Benzo(a)anthracene
Concen: 2.302 ng/ul
RT: 21.77 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG030589.D
Acq: 30 Oct 2017 21:54

Instrument :
BNA_G
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.9	16.2	24.4
226	27.0	22.2	33.2

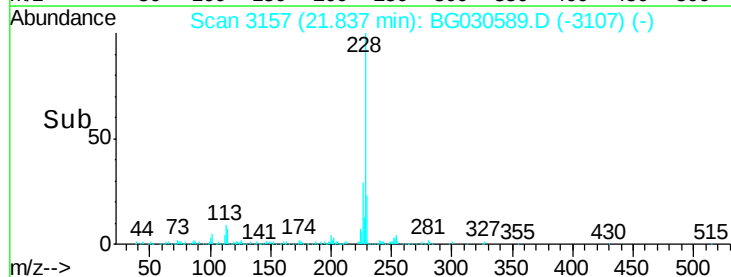
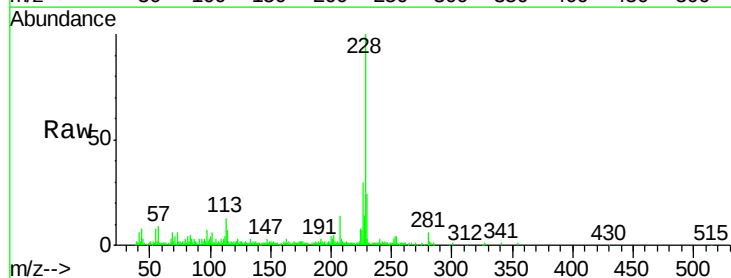
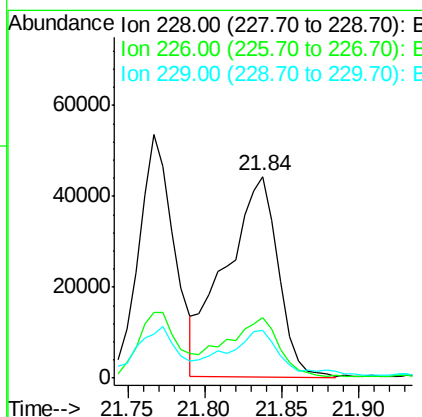
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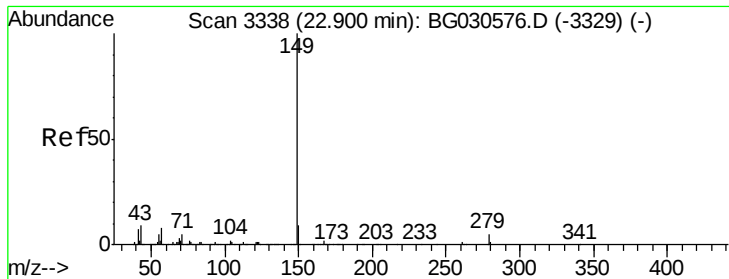
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#82
Chrysene
Concen: 3.134 ng/ul m
RT: 21.84 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG030589.D
Acq: 30 Oct 2017 21:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	23.8	15.2	22.8#





#84

Di-n-octyl phthalate

Concen: 2.841 ng/u1

RT: 22.88 min Scan# 3334

Delta R.T. -0.02 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

Instrument :

BNA_G

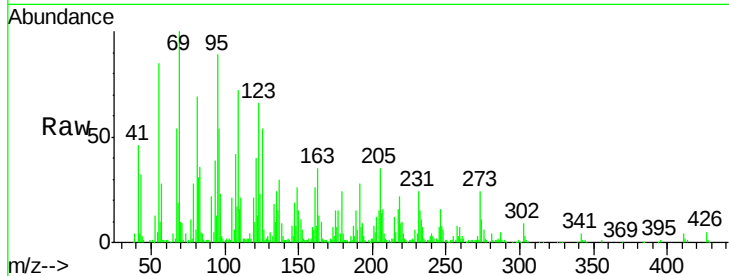
ClientSampleId :

C0AB9

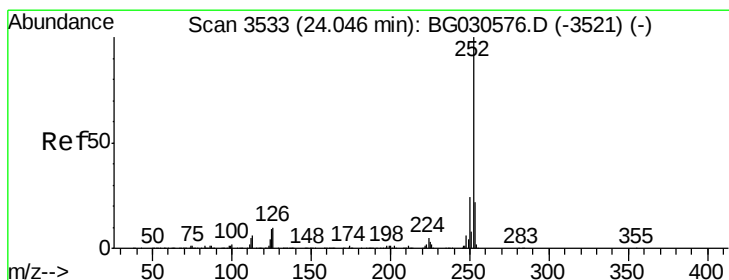
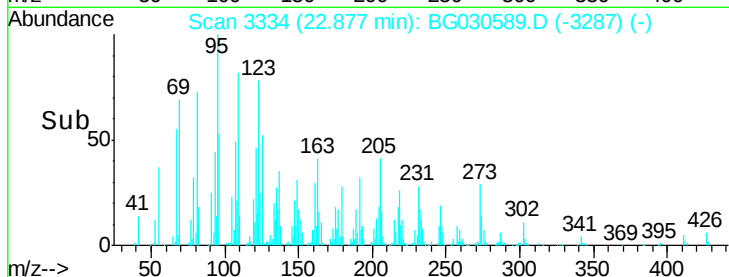
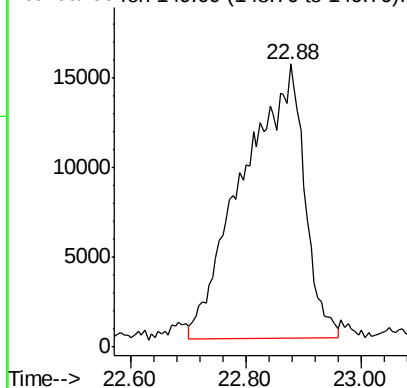
Tgt Ion:149 Resp: 112345

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Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 4.177 ng/u1

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

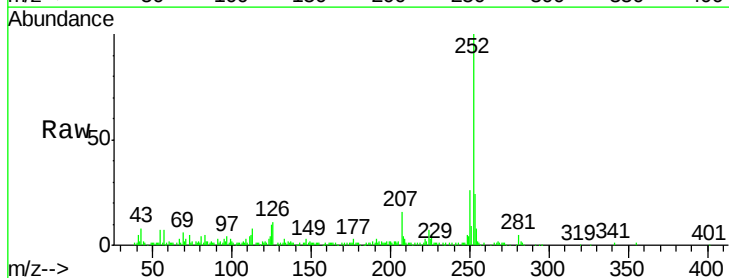
Tgt Ion:252 Resp: 148226

Ion Ratio Lower Upper

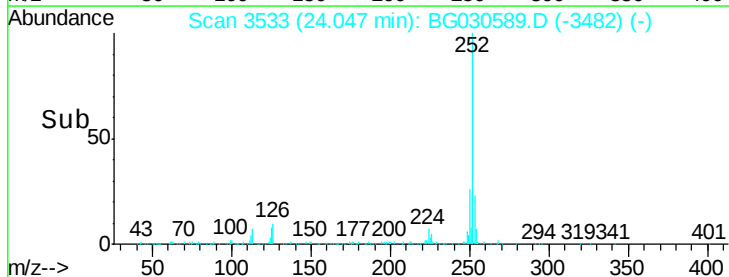
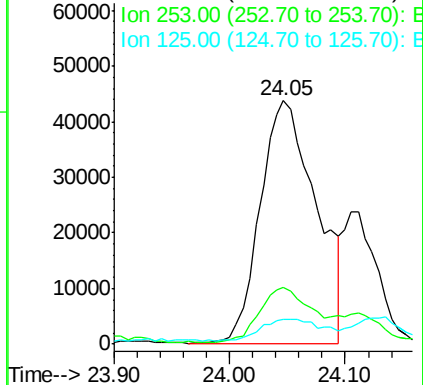
252 100

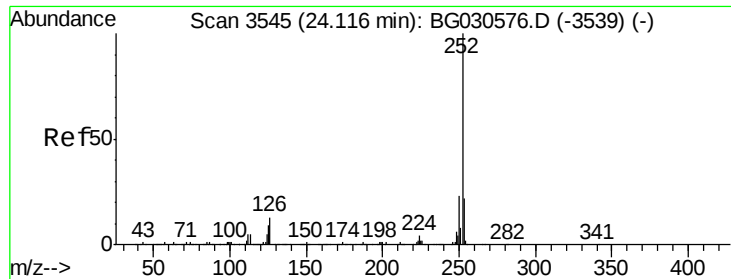
253 23.5 17.0 25.4

125 10.0 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E





#86

Benzo(k)fluoranthene

Concen: 1.349 ng/ul m

RT: 24.11 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

Instrument :

BNA_G

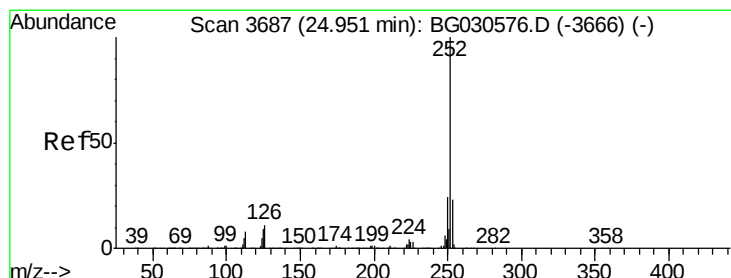
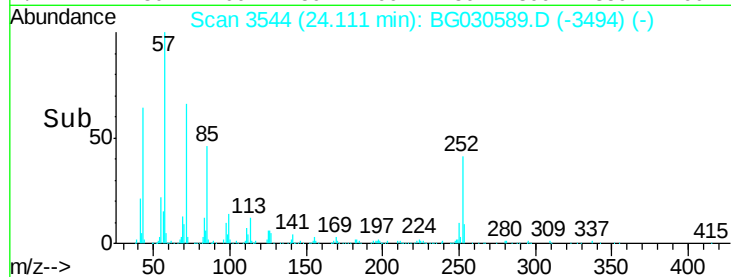
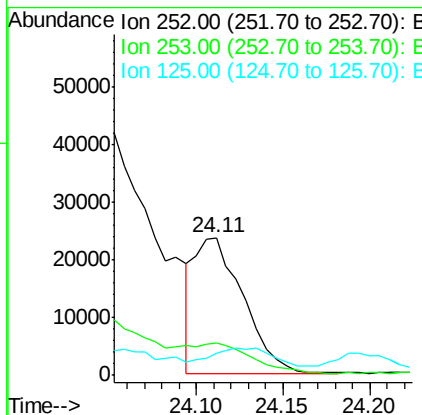
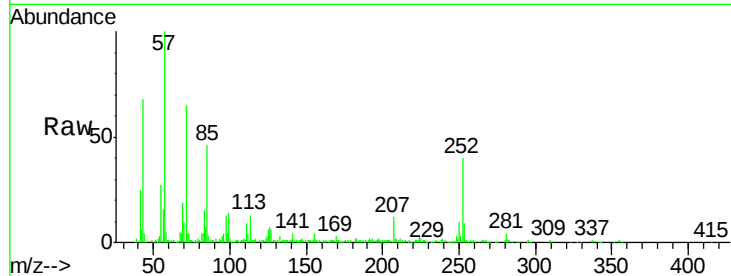
ClientSampled :

C0AB9

Tgt Ion:	252	Resp:	46270
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	15.8	7.8	11.8#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 1.863 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. -0.00 min

Lab File: BG030589.D

Acq: 30 Oct 2017 21:54

Tgt Ion:	252	Resp:	64362
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	10.6	7.8	11.8

