

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028530.D
 Acq On : 28 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4905-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ2

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:02:11 PM

Quant Time: Aug 29 05:19:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	49313	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	210292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	135417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	313596m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	373574	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	372884	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	6358	6.00	ng/uL	0.00
5) Phenol-d5	7.49	99	153817	28.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	95362	27.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	114359	33.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	125082	27.63	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	58135	35.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	68852	38.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	130502	34.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	104175	25.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	402504	33.42	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	472793	34.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	42646	22.27	ng/ul	0.00
57) Fluorene-d10	15.93	176	341576	31.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	39778m	19.53	ng/ul	0.00
70) Anthracene-d10	17.80	188	545356	36.27	ng/ul	0.00
76) Pyrene-d10	20.07	212	635558	33.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	625499	35.83	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.52	94	11462	2.130 ng/ul	94
44) Dimethylphthalate	14.38	163	102413	9.235 ng/ul	99
69) Phenanthrene	17.74	178	19832m	1.257 ng/ul	
74) Fluoranthene	19.74	202	44872	2.340 ng/ul	99
77) Pyrene	20.10	202	60061	2.695 ng/ul	98
80) Benzo(a)anthracene	22.01	228	32991m	1.528 ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.86	149	42975	3.619 ng/ul	96
82) Chrysene	22.08	228	41552	2.137 ng/ul	96
85) Benzo(b)fluoranthene	24.42	252	47121	2.112 ng/ul#	85
88) Benzo(a)pyrene	25.37	252	37494	1.735 ng/ul#	90
91) Benzo(g,h,i)perylene	30.83	276	37614	1.807 ng/ul#	88

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

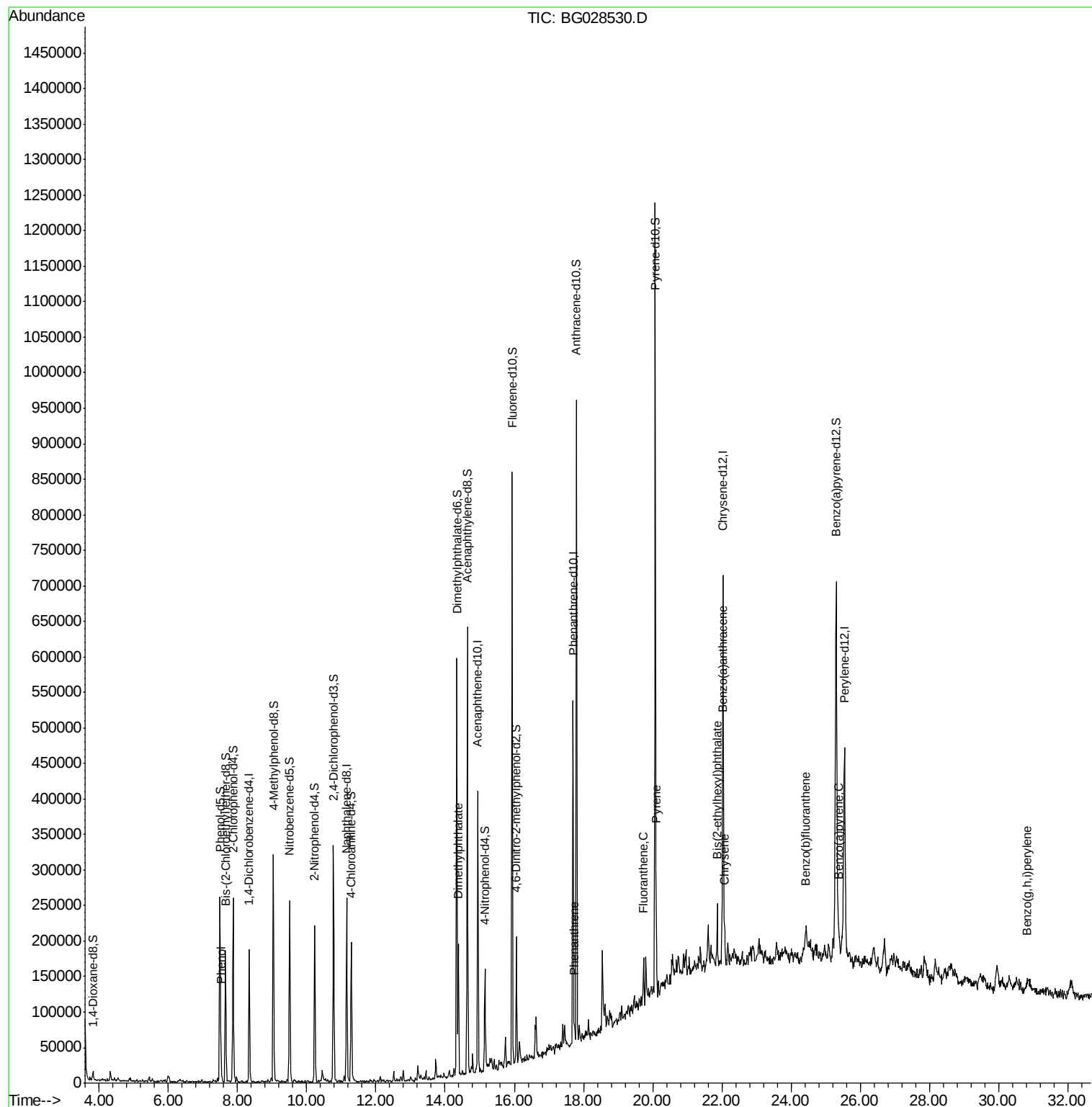
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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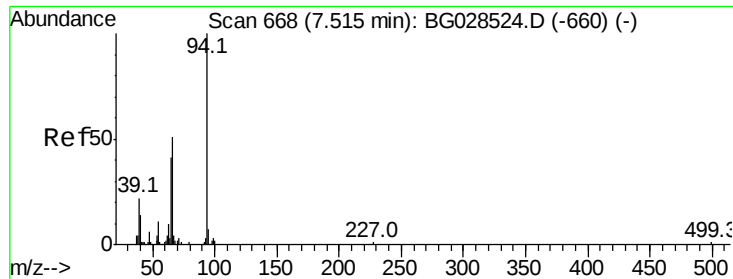
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.130 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.01 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Instrument :

BNA_G

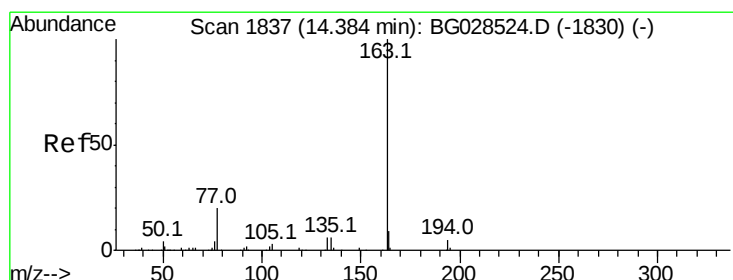
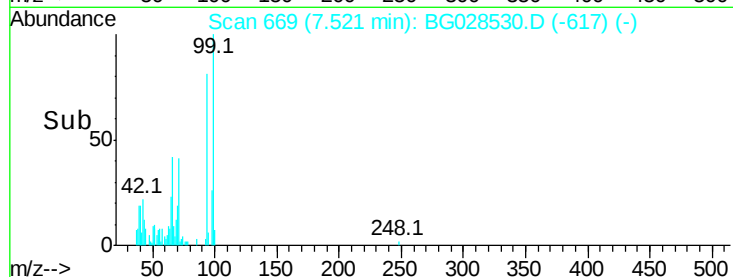
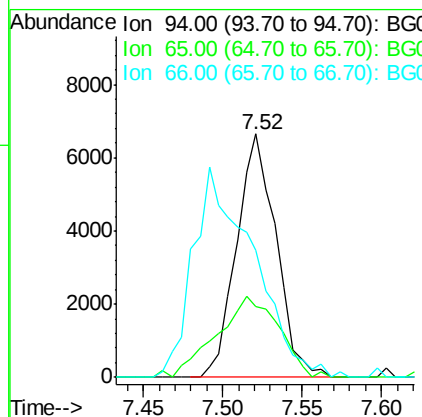
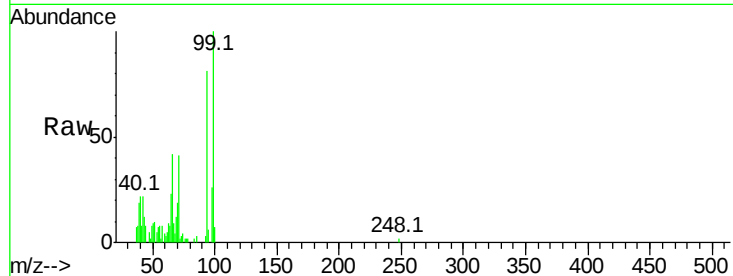
ClientSampled :

B0AZ2

Tot Ion:	94	Resp:	11462
Ion Ratio	Lower	Upper	
94	100		
65	28.8	26.8	40.2
66	52.0	44.4	66.6

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#44

Dimethylphthalate

Concen: 9.235 ng/ul

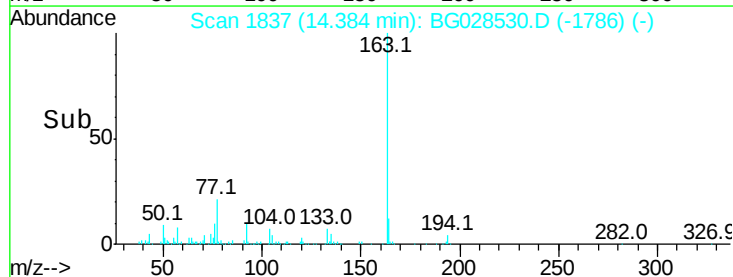
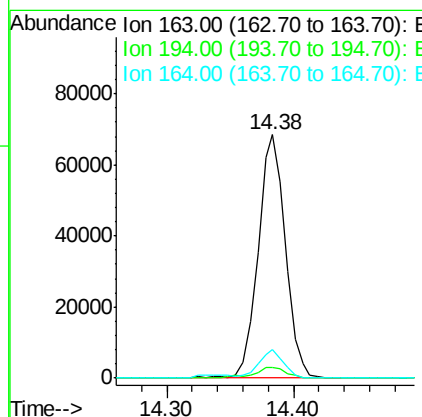
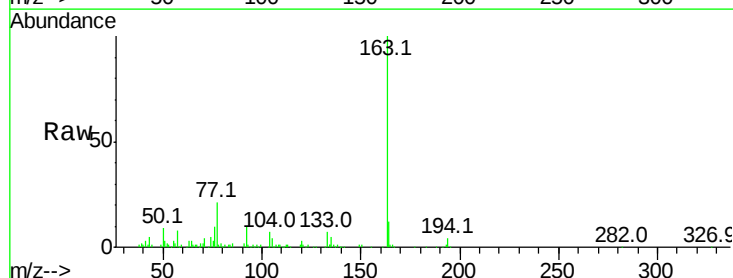
RT: 14.38 min Scan# 1837

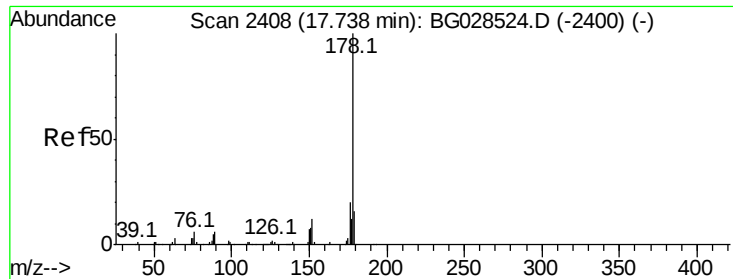
Delta R.T. 0.00 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Tgt Ion:	163	Resp:	102413
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	11.7	9.0	13.4





#69

Phenanthrene

Concen: 1.257 ng/ul m

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Instrument :

BNA_G

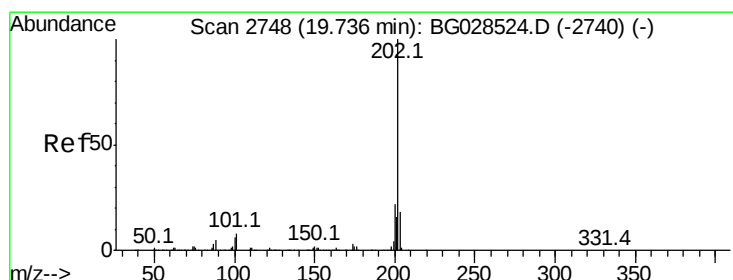
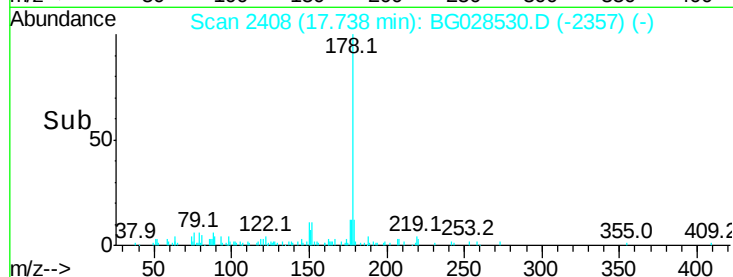
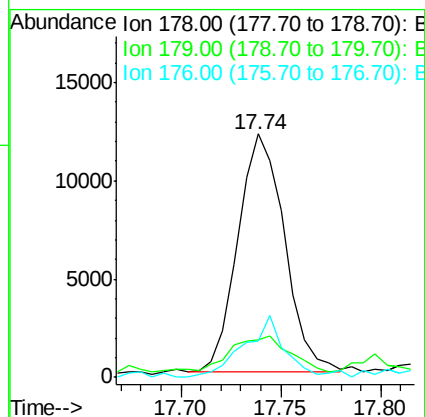
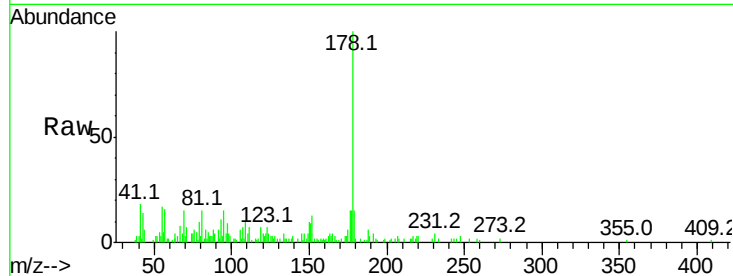
ClientSampleId :

B0AZ2

Tot Ion:178	Resp:	19832
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.4 18.6
176	14.7	16.5 24.7#

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#74

Fluoranthene

Concen: 2.340 ng/ul

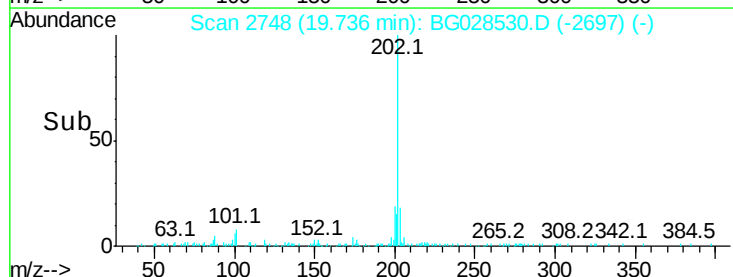
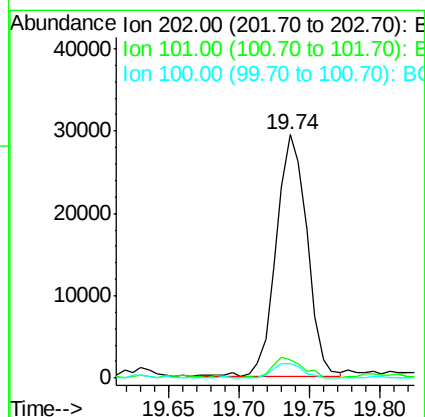
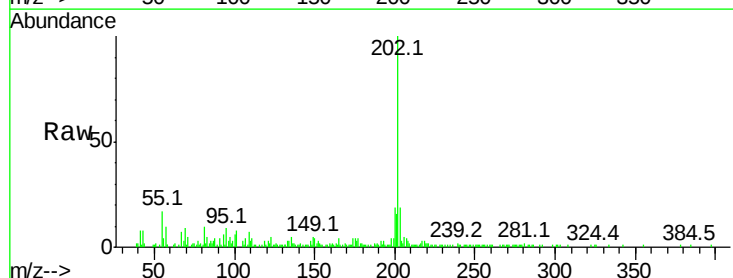
RT: 19.74 min Scan# 2748

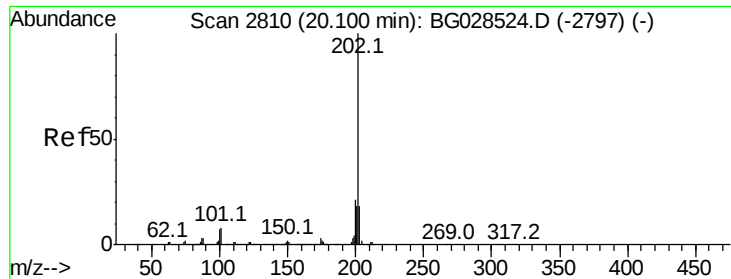
Delta R.T. 0.00 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Tgt Ion:202	Resp:	44872
Ion Ratio	Lower	Upper
202	100	
101	7.7	6.2 9.2
100	5.8	5.2 7.8





#77

Pvrene

Concen: 2.695 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Instrument :

BNA_G

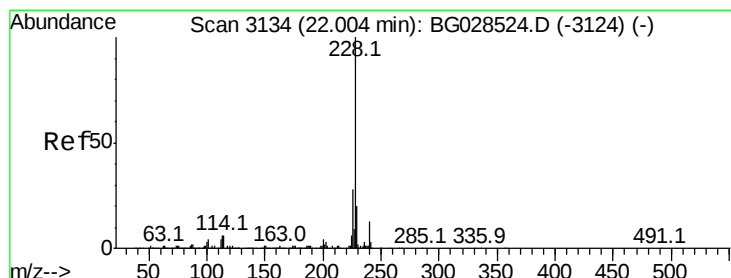
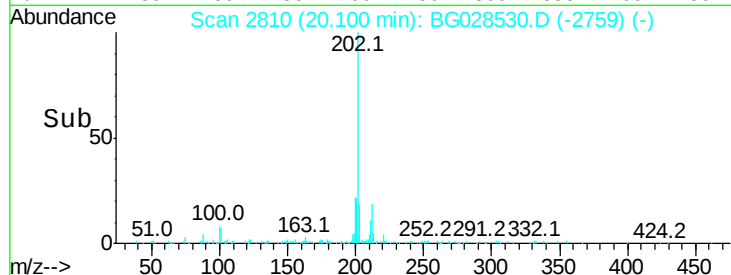
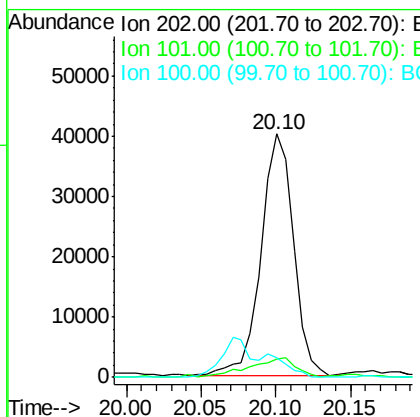
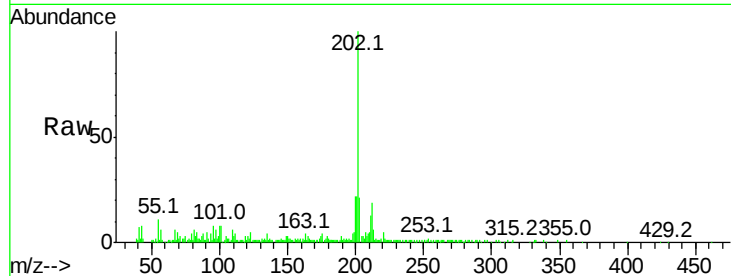
ClientSampled :

B0AZ2

Tot Ion:	202	Resp:	60061
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.9	10.3
100	7.9	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 1.528 ng/ul m

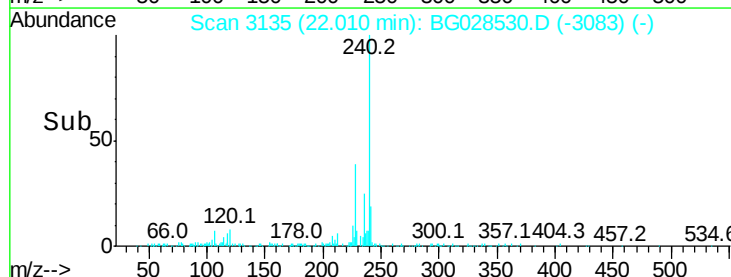
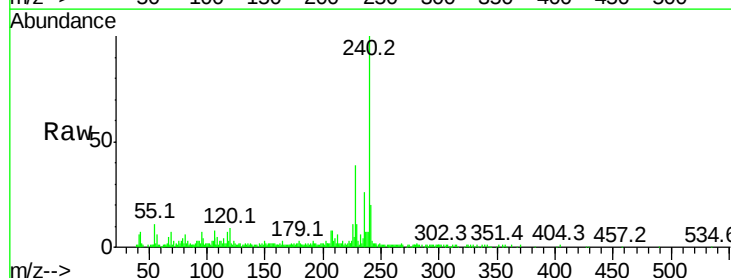
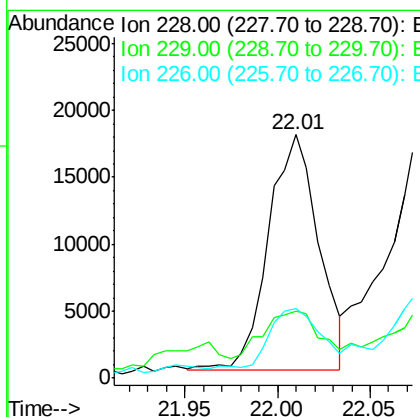
RT: 22.01 min Scan# 3135

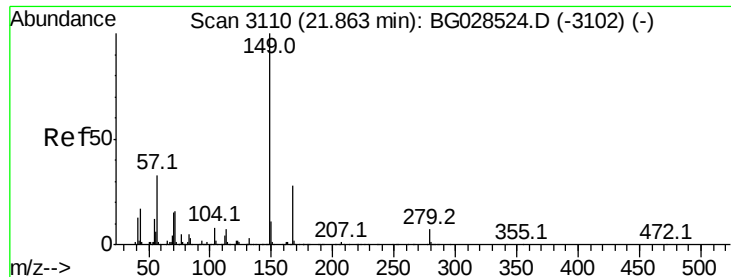
Delta R.T. 0.01 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Tgt Ion:	228	Resp:	32991
Ion Ratio	Lower	Upper	
228	100		
229	27.6	16.3	24.5#
226	28.3	21.9	32.9





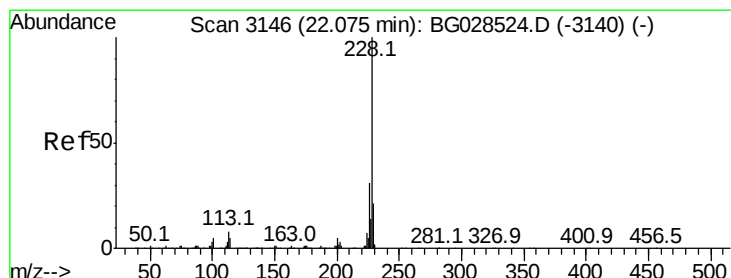
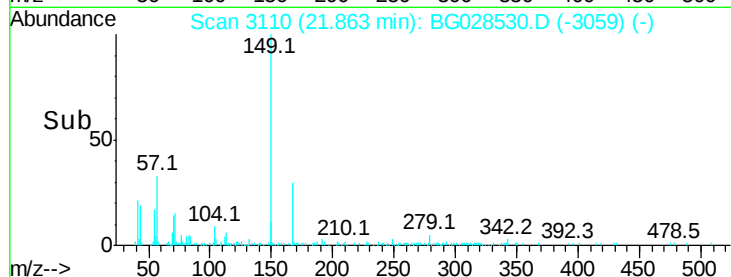
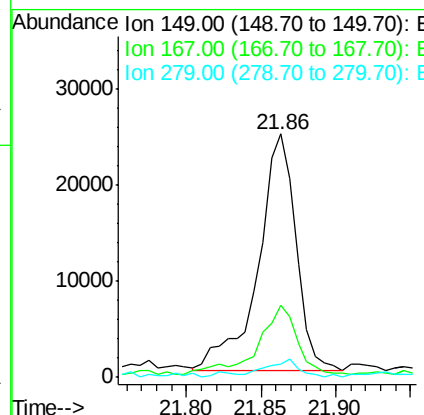
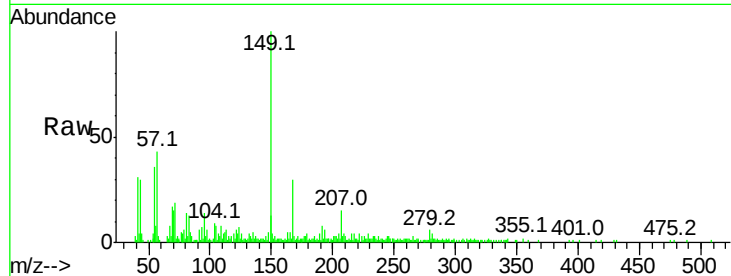
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 3.619 ng/ul
 RT: 21.86 min Scan# 3110
 Delta R.T. 0.00 min
 Lab File: BG028530.D
 Acq: 28 Aug 2017 22:31

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ2

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	21.8	32.8
279	5.6	4.5	6.7

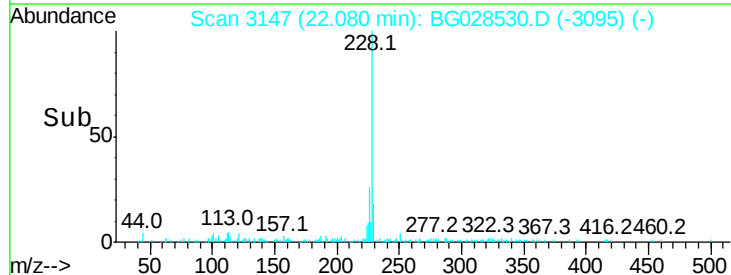
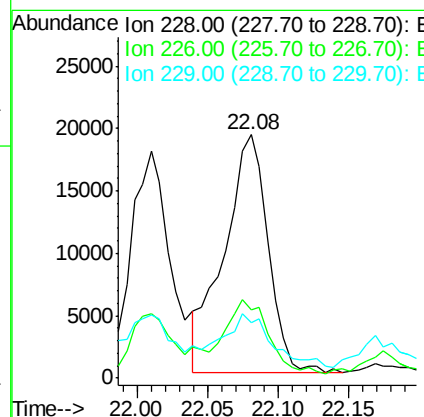
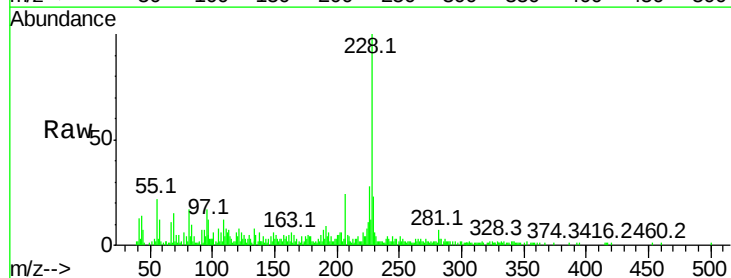
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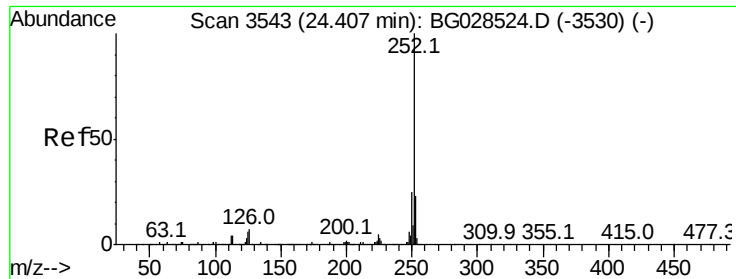
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#82
 Chrysene
 Concen: 2.137 ng/ul
 RT: 22.08 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: BG028530.D
 Acq: 28 Aug 2017 22:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.0	36.0
229	23.0	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 2.112 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. 0.02 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Instrument :

BNA_G

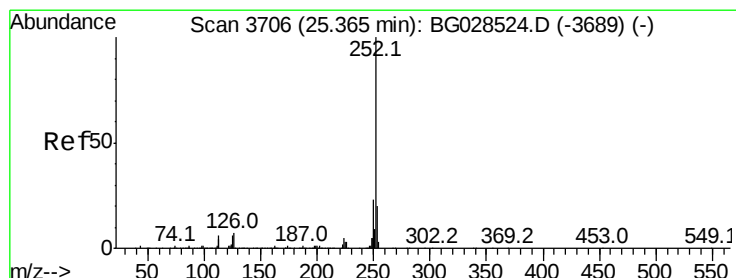
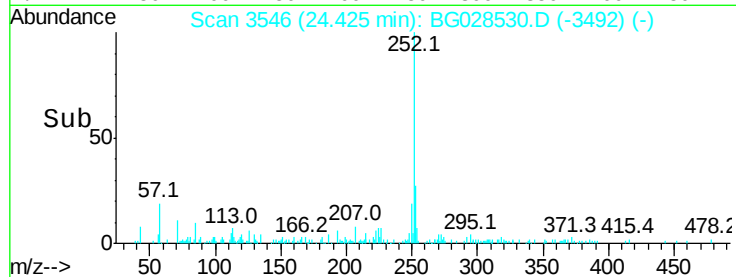
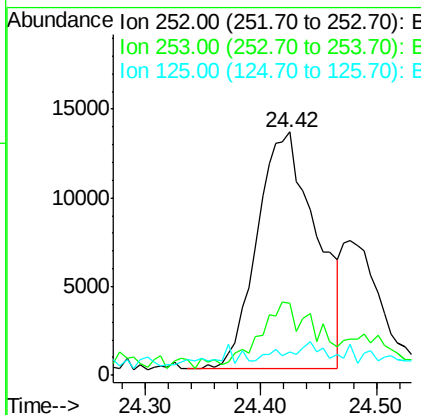
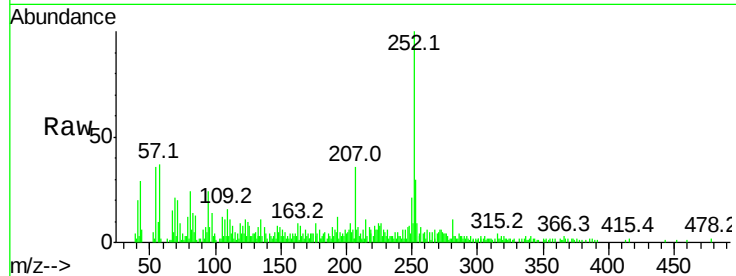
ClientSampleId :

B0AZ2

Tot Ion:	252	Resp:	47121
Ion Ratio	Lower	Upper	
252	100		
253	29.6	17.7	26.5#
125	9.7	4.0	6.0#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 1.735 ng/ul

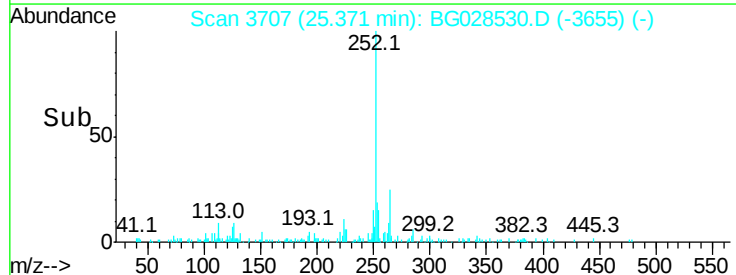
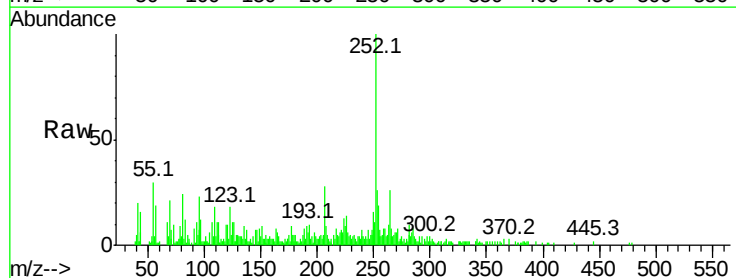
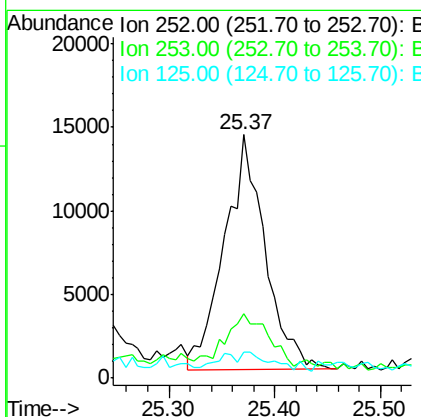
RT: 25.37 min Scan# 3707

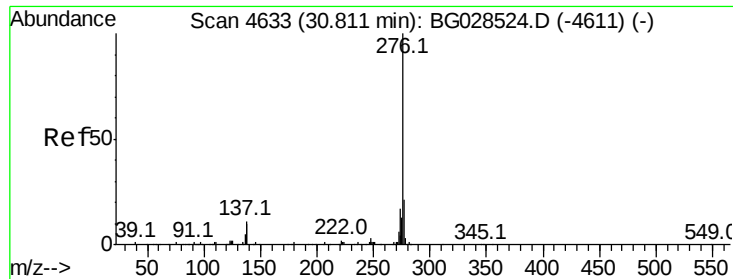
Delta R.T. 0.01 min

Lab File: BG028530.D

Acq: 28 Aug 2017 22:31

Tgt Ion:	252	Resp:	37494
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.8	26.6
125	10.8	5.4	8.0#





#91
 Benzo(a,h,i)perylene
 Concen: 1.807 ng/ul
 RT: 30.83 min Scan# 4637
 Delta R.T. 0.02 min
 Lab File: BG028530.D
 Acq: 28 Aug 2017 22:31

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ2

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	8.6	12.8#
277	28.6	17.6	26.4#

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