

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028526.D
 Acq On : 28 Aug 2017 19:53
 Operator : SJ/JU
 Sample : I4905-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ5

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:01:44 PM

Quant Time: Aug 29 04:10:22 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	40493	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	164593	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	110675	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	271459	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	318213	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	313283	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	4909	5.65	ng/uL	0.00
5) Phenol-d5	7.49	99	110270	24.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	71296	25.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	83357	29.71	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	87436	23.52	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	44112	34.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	48605	34.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	96145	32.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	90380	27.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	306950	31.18	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	360687	32.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	39269	25.09	ng/ul	0.00
57) Fluorene-d10	15.94	176	266209	30.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	48899	27.73	ng/ul	0.00
70) Anthracene-d10	17.79	188	428201	32.90	ng/ul	0.00
76) Pyrene-d10	20.07	212	522464	32.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	493602	33.66	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.52	94	8635	1.954	ng/ul	99
44) Dimethylphthalate	14.38	163	81314	8.971	ng/ul	99
69) Phenanthrene	17.74	178	34082	2.495	ng/ul#	93
74) Fluoranthene	19.74	202	56665	3.413	ng/ul	99
77) Pyrene	20.10	202	73613	3.877	ng/ul#	97
80) Benzo(a)anthracene	22.01	228	30136m	1.639	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.85	149	10635	1.051	ng/ul#	89
82) Chrysene	22.07	228	40775	2.462	ng/ul	96
85) Benzo(b)fluoranthene	24.42	252	38537	2.056	ng/ul#	91
88) Benzo(a)pyrene	25.37	252	34524	1.902	ng/ul	94

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

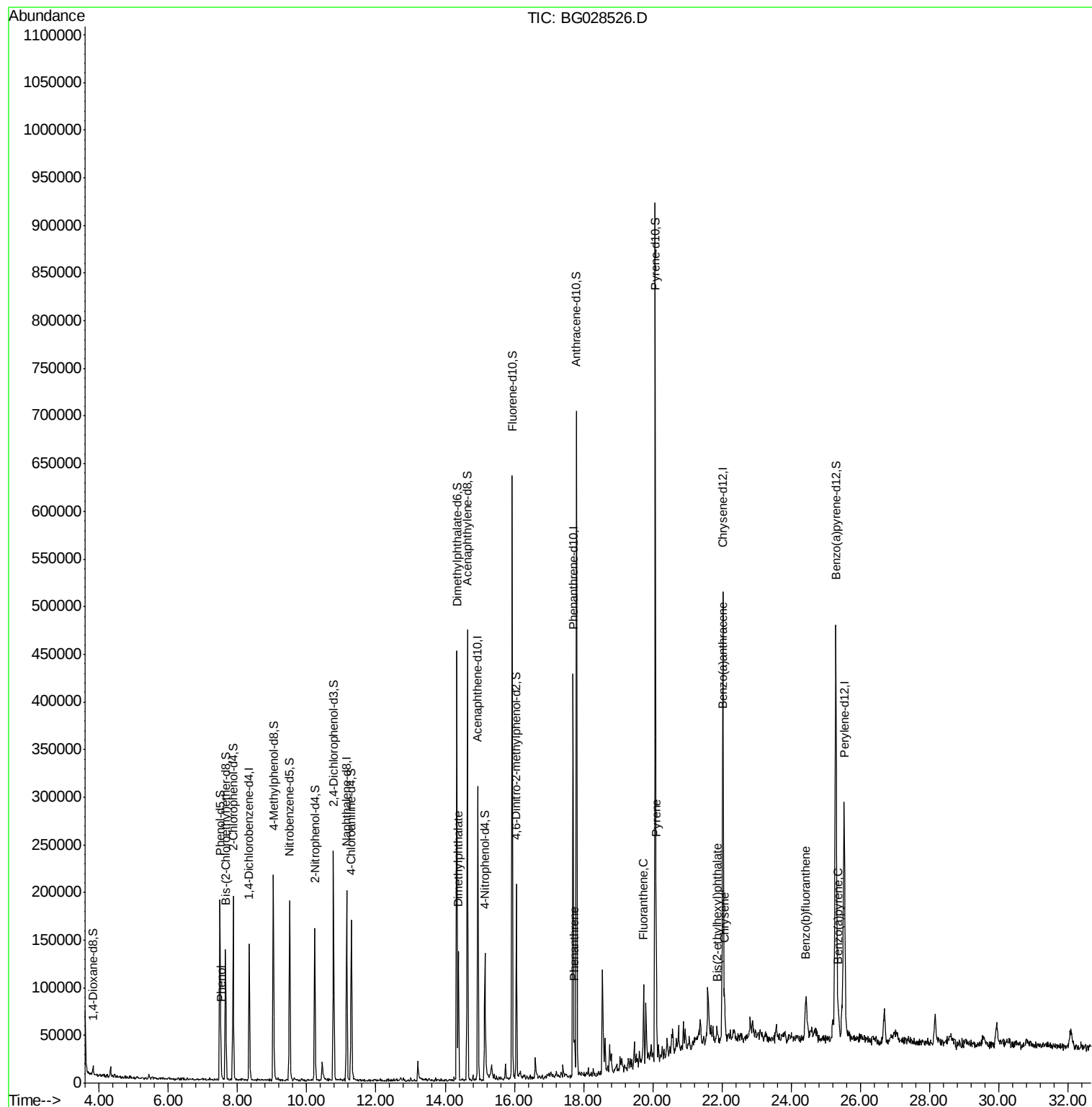
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
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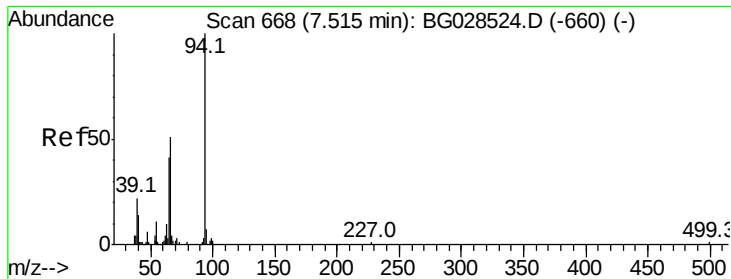
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.954 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Instrument :

BNA_G

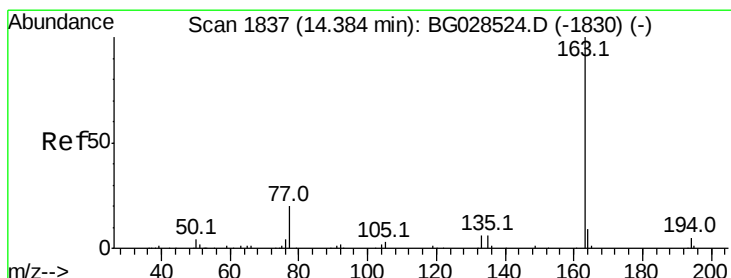
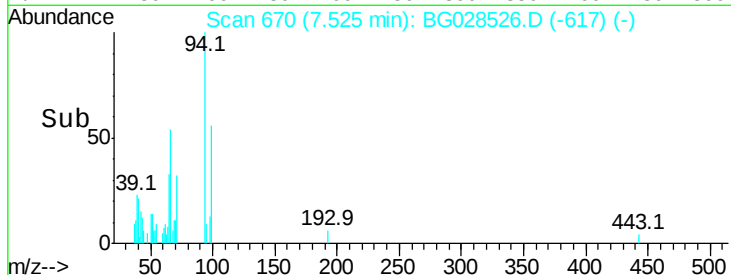
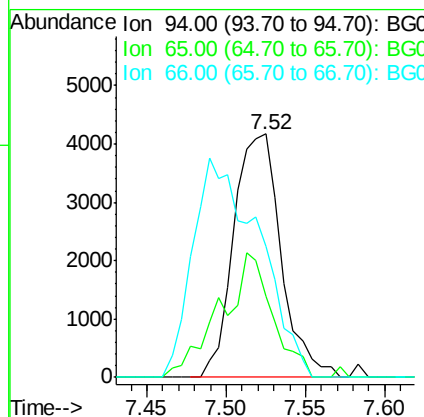
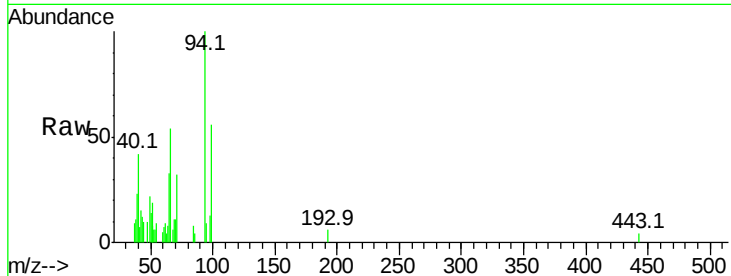
ClientSampled :

B0AZ5

Tot Ion:	94	Resp:	8635
Ion Ratio	Lower	Upper	
94	100		
65	33.5	26.8	40.2
66	54.0	44.4	66.6

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#44

Dimethylphthalate

Concen: 8.971 ng/ul

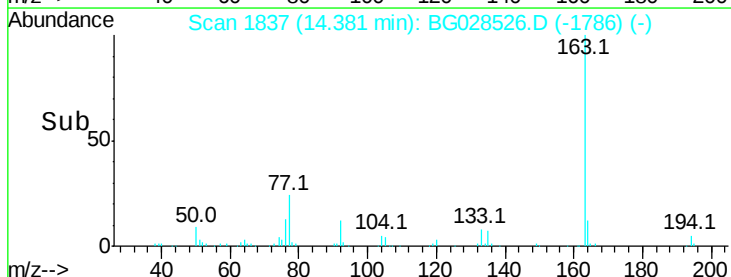
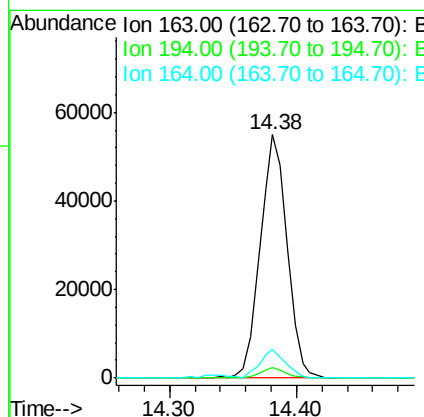
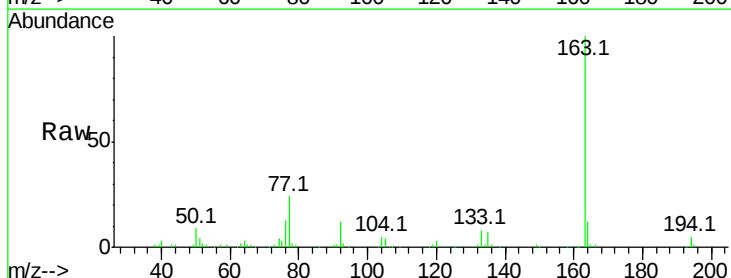
RT: 14.38 min Scan# 1837

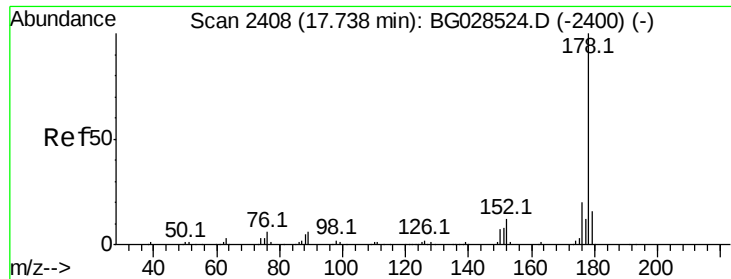
Delta R.T. -0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Tgt Ion:	163	Resp:	81314
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	11.7	9.0	13.4





#69

Phenanthrene

Concen: 2.495 ng/ul

RT: 17.74 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Instrument :

BNA_G

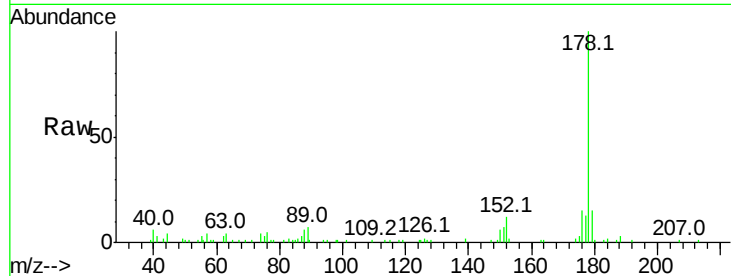
ClientSampleId :

B0AZ5

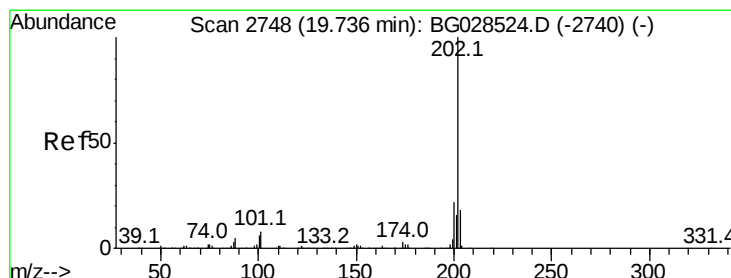
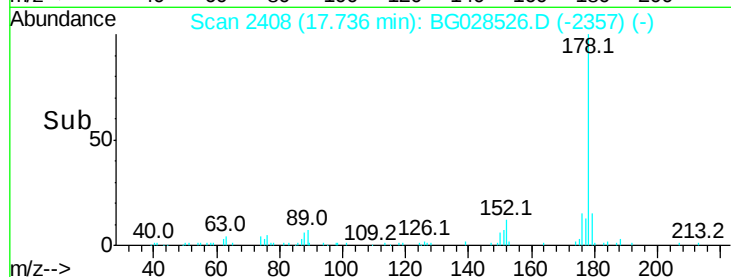
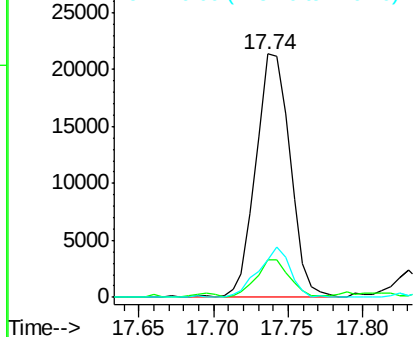
Tot Ion:	178	Resp:	34082
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.4	18.6
176	15.2	16.5	24.7#

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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



#74

Fluoranthene

Concen: 3.413 ng/ul

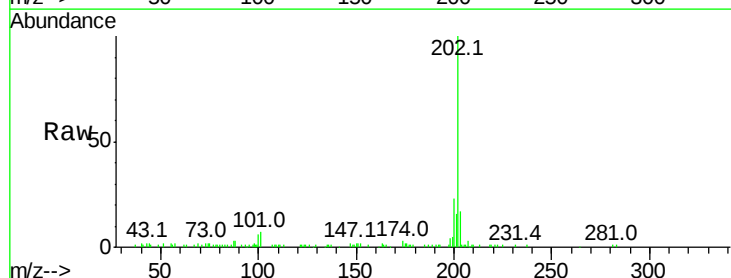
RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

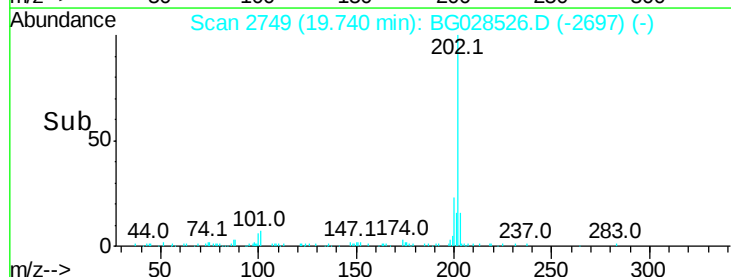
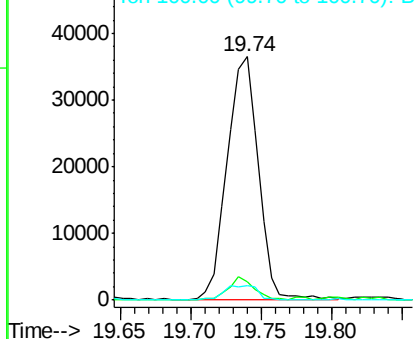
Lab File: BG028526.D

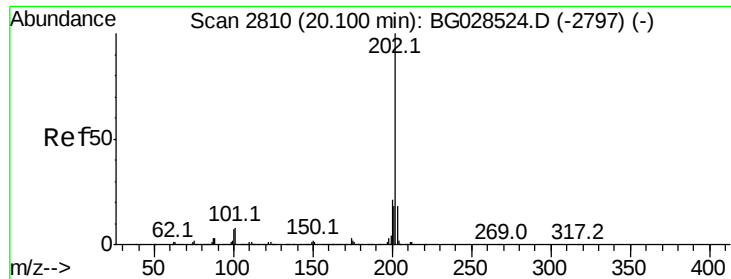
Acq: 28 Aug 2017 19:53

Tgt Ion:	202	Resp:	56665
Ion Ratio	Lower	Upper	
202	100		
101	7.5	6.2	9.2
100	6.2	5.2	7.8



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





#77

Pvrene

Concen: 3.877 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Instrument :

BNA_G

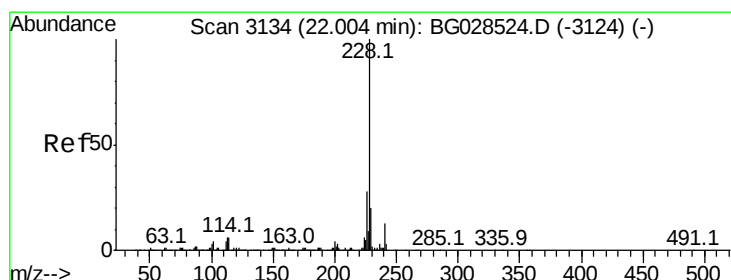
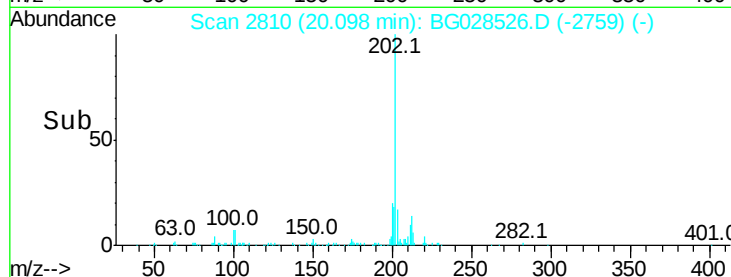
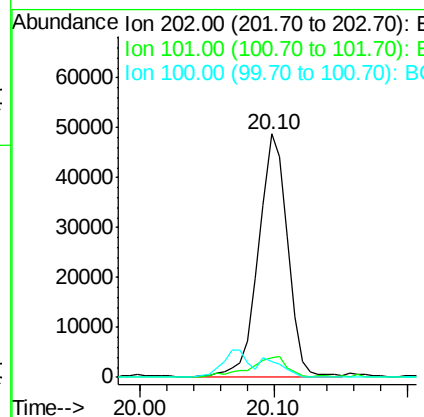
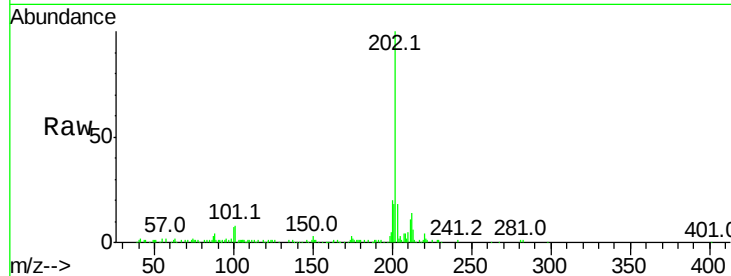
ClientSampleId :

B0AZ5

Tot Ion:	202	Resp:	73613
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.9	10.3
100	6.6	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 1.639 ng/ul m

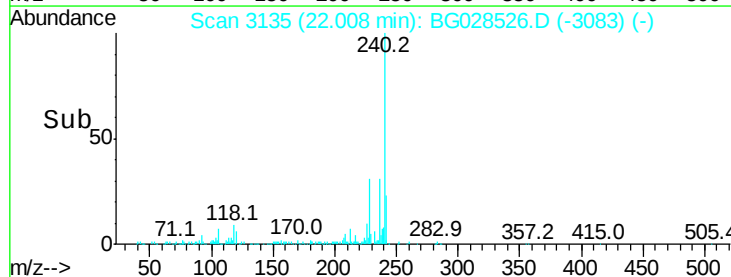
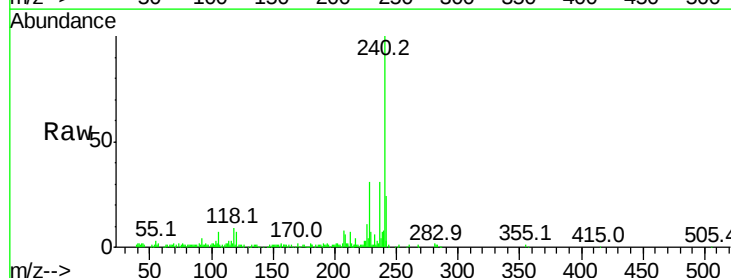
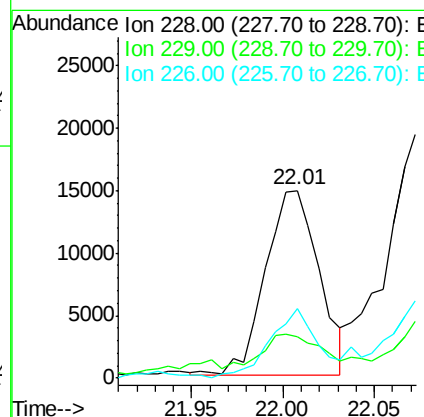
RT: 22.01 min Scan# 3135

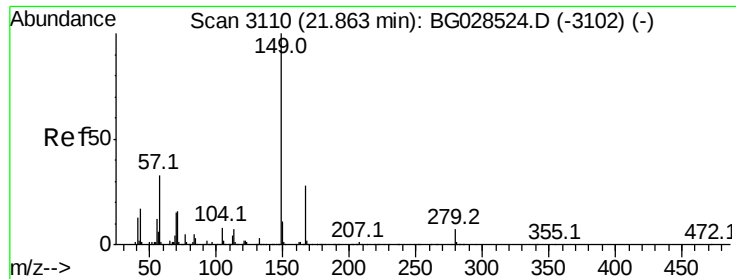
Delta R.T. 0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Tgt Ion:	228	Resp:	30136
Ion Ratio	Lower	Upper	
228	100		
229	22.3	16.3	24.5
226	37.2	21.9	32.9#





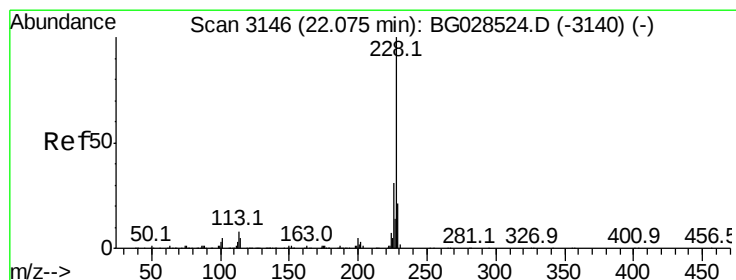
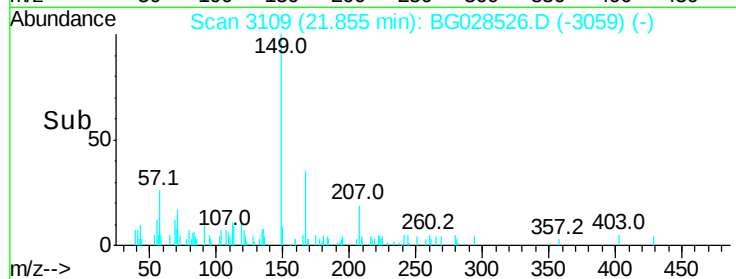
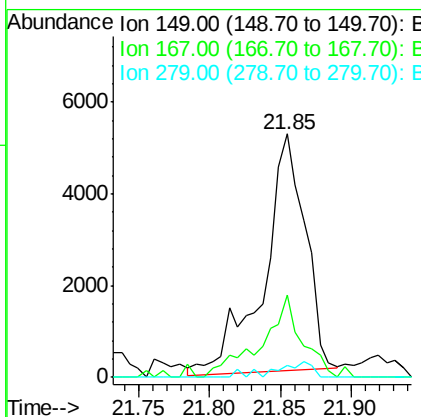
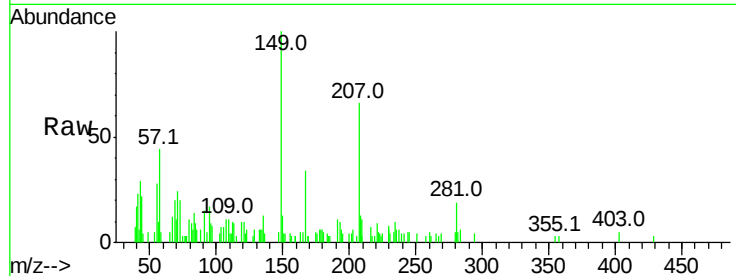
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.051 ng/ul
 RT: 21.85 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG028526.D
 Acq: 28 Aug 2017 19:53

Instrument :
 BNA_G
 ClientSampled :
 B0AZ5

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	33.8	21.8	32.8	
279	4.9	4.5	6.7	

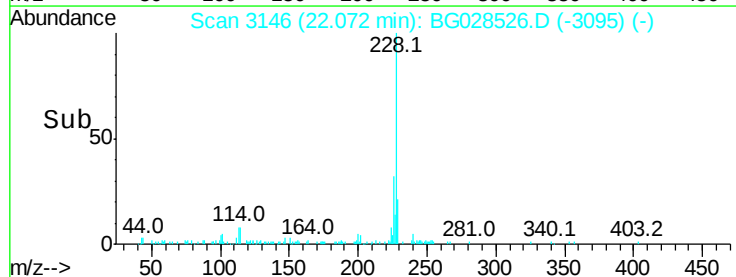
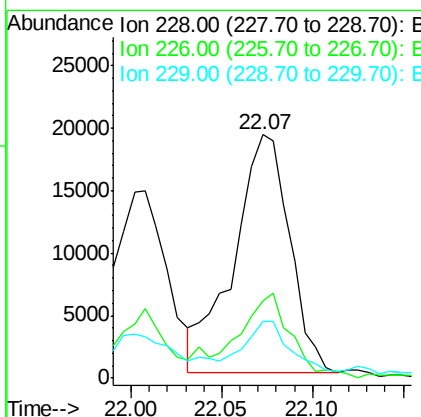
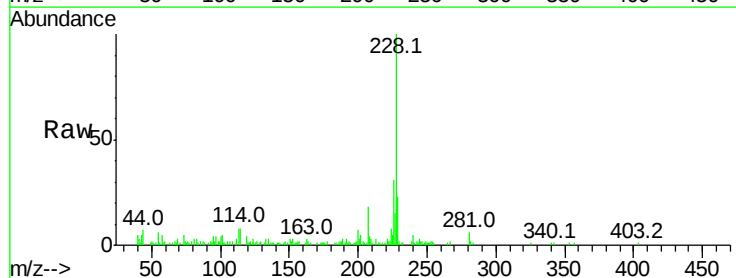
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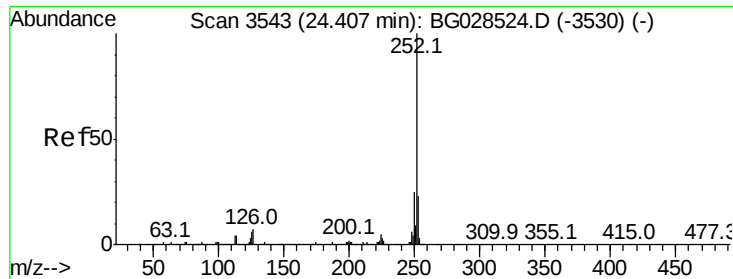
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#82
 Chrysene
 Concen: 2.462 ng/ul
 RT: 22.07 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG028526.D
 Acq: 28 Aug 2017 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.5	24.0	36.0	
229	23.3	16.9	25.3	





#85

Benzo(b)fluoranthene

Concen: 2.056 ng/uL

RT: 24.42 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Instrument :

BNA_G

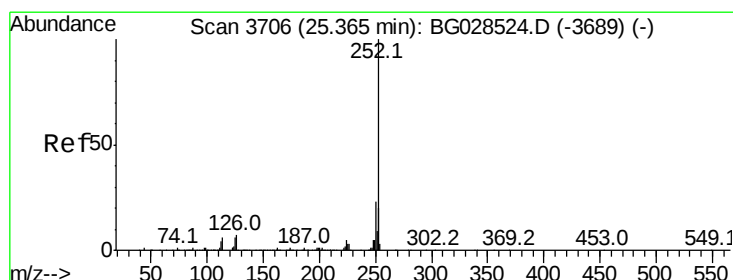
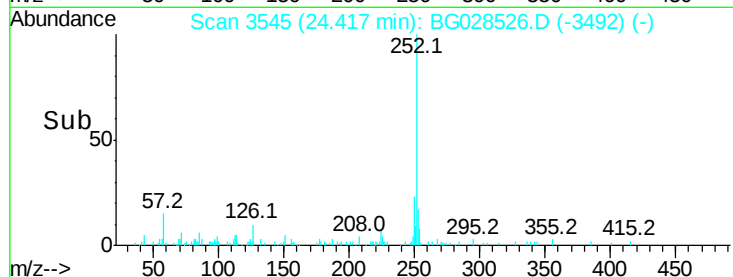
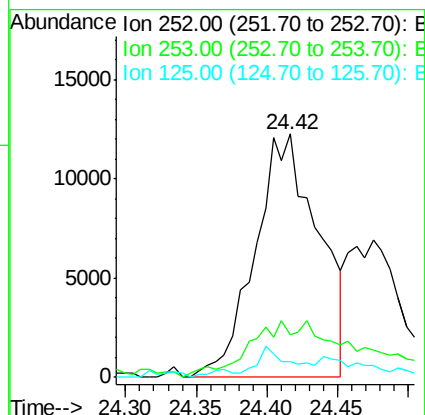
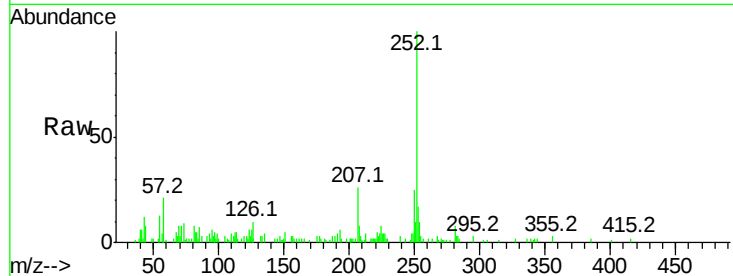
ClientSampleId :

B0AZ5

Tot Ion:	252	Resp:	38537
Ion Ratio	Lower	Upper	
252	100		
253	17.3	17.7	26.5#
125	6.5	4.0	6.0#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 1.902 ng/uL

RT: 25.37 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG028526.D

Acq: 28 Aug 2017 19:53

Tgt Ion:	252	Resp:	34524
Ion Ratio	Lower	Upper	
252	100		
253	18.7	17.8	26.6
125	6.4	5.4	8.0

