

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028535.D
 Acq On : 29 Aug 2017 1:48
 Operator : SJ/JU
 Sample : I4905-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0B02

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:02:27 PM

Quant Time: Aug 29 06:45:34 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	44716	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	191547	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	128165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	292314	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	347112	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	349056	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	6538	6.81	ng/uL	0.00
5) Phenol-d5	7.50	99	147112	29.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	95001	30.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	111862	36.11	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	100321	24.44	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	58496	39.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	67108	40.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	128126	37.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	114082	30.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	436772	38.32	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	507139	39.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	13537	7.47	ng/ul	0.02
57) Fluorene-d10	15.94	176	379552	37.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	8019	4.22	ng/ul	0.02
70) Anthracene-d10	17.81	188	607925	43.37	ng/ul	0.00
76) Pyrene-d10	20.08	212	714823	40.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	707282	43.28	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	7.52	94	12362	2.533	ng/ul	93
44) Dimethylphthalate	14.39	163	105358	10.038	ng/ul	99
69) Phenanthrene	17.74	178	20243	1.376	ng/ul	96
74) Fluoranthene	19.75	202	52608	2.943	ng/ul	97
77) Pyrene	20.10	202	71660	3.460	ng/ul	98
80) Benzo(a)anthracene	22.01	228	37437	1.867	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.87	149	18898	1.713	ng/ul#	87
82) Chrysene	22.08	228	44366	2.456	ng/ul	95
85) Benzo(b)fluoranthene	24.43	252	52373	2.507	ng/ul#	89
88) Benzo(a)pyrene	25.38	252	40579	2.006	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.59	276	24120m	1.018	ng/ul	
91) Benzo(g,h,i)perylene	30.84	276	20713m	1.063	ng/ul	

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

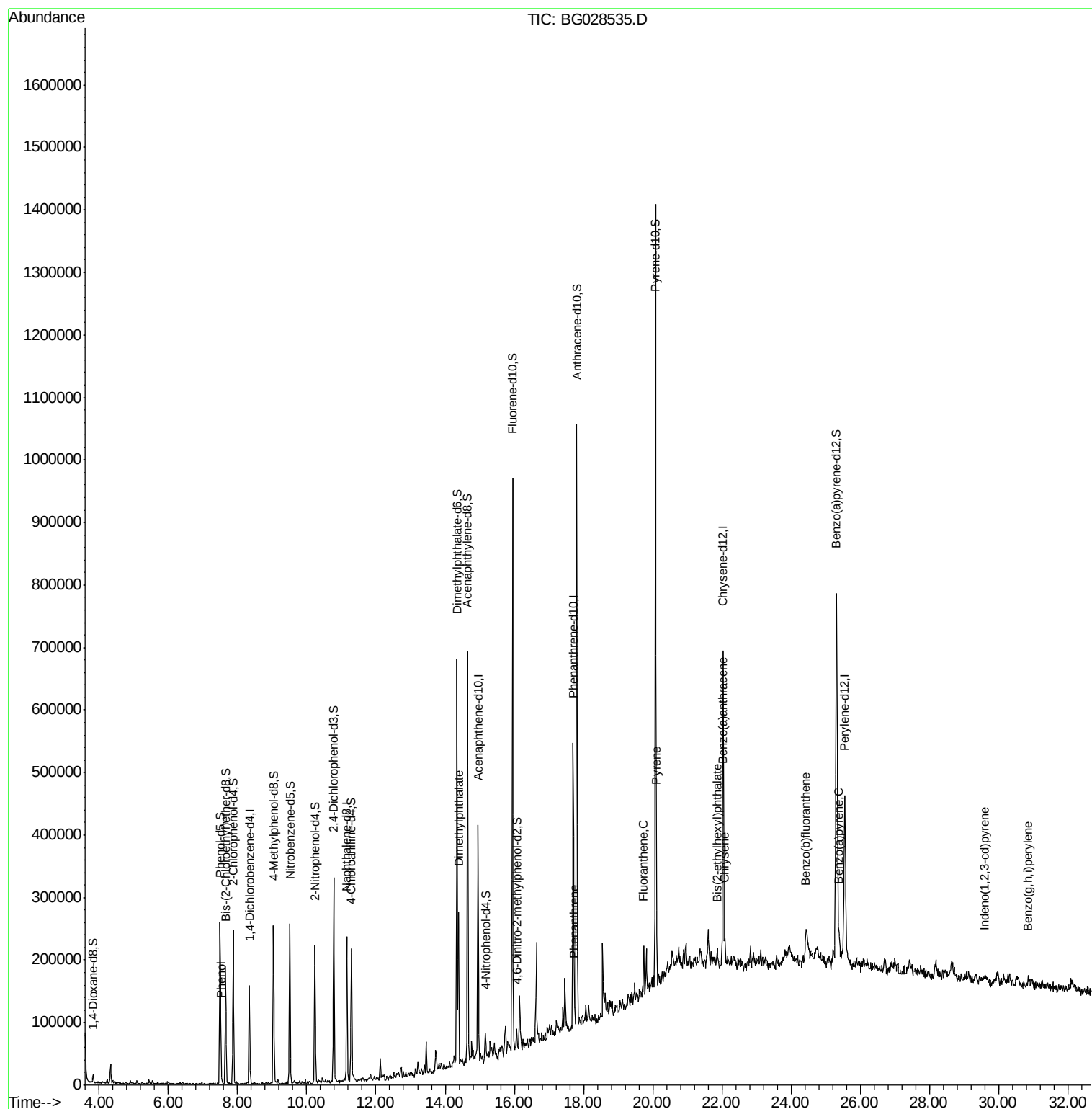
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028535.D
Acq On : 29 Aug 2017 1:48
Operator : SJ/JU
Sample : I4905-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

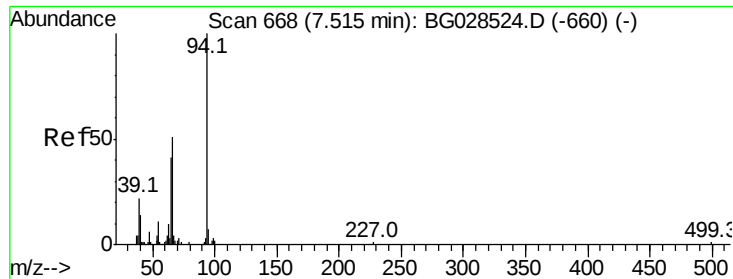
Instrument :
BNA_G
ClientSampleId :
B0B02

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Quant Time: Aug 29 06:45:34 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





#6

Phenol

Concen: 2.533 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

Instrument :

BNA_G

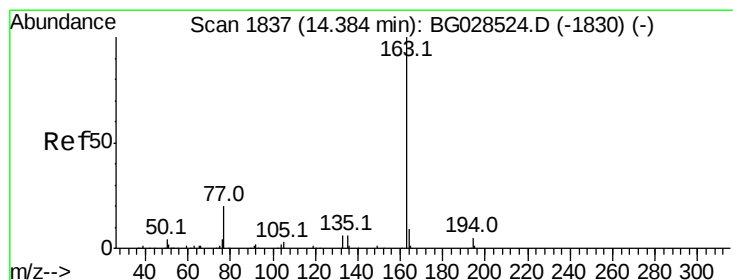
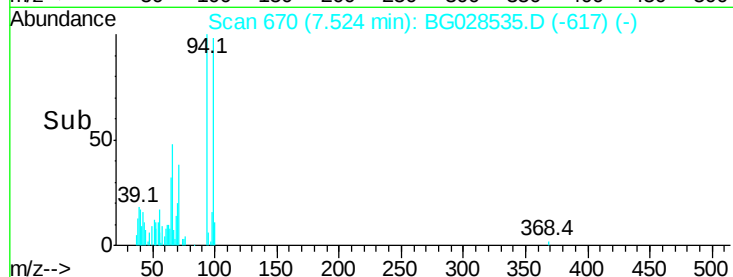
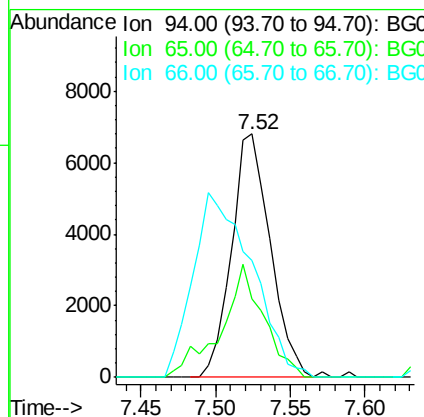
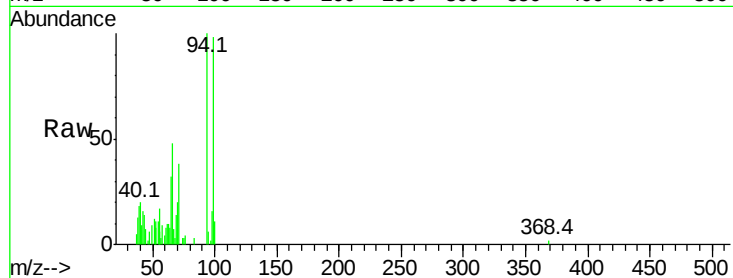
ClientSampleId :

B0B02

Tot Ion:	94	Resp:	12362
Ion Ratio	Lower	Upper	
94	100		
65	32.1	26.8	40.2
66	48.0	44.4	66.6

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#44

Dimethylphthalate

Concen: 10.038 ng/ul

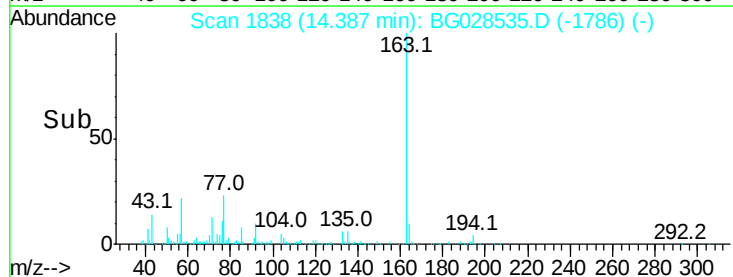
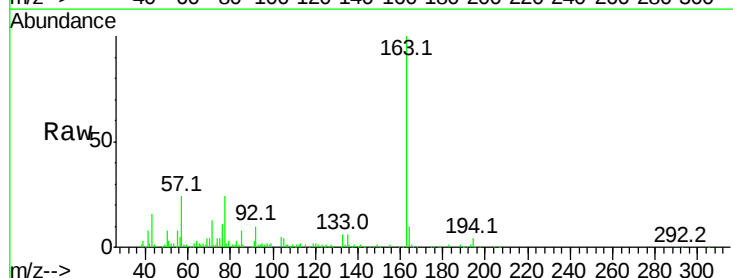
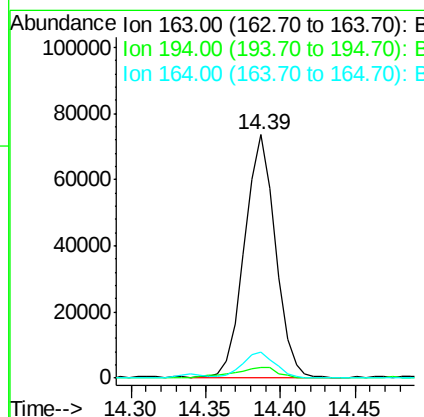
RT: 14.39 min Scan# 1838

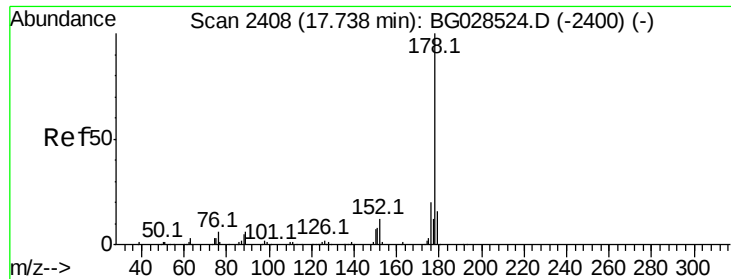
Delta R.T. 0.00 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

Tgt Ion:	163	Resp:	105358
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.5	9.0	13.4





#69

Phenanthrene

Concen: 1.376 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

Instrument :

BNA_G

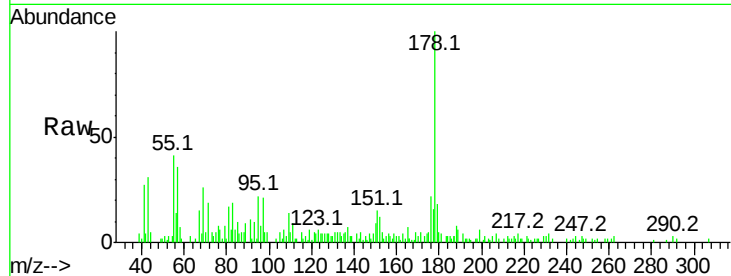
ClientSampleId :

B0B02

Tot Ion:178	Resp:	20243
Ion Ratio	Lower	Upper
178	100	
179	17.9	12.4 18.6
176	22.1	16.5 24.7

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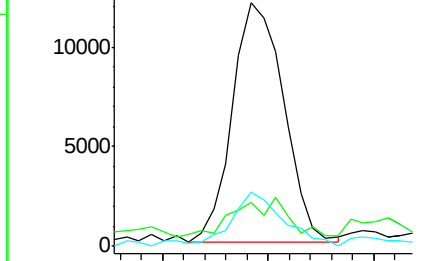
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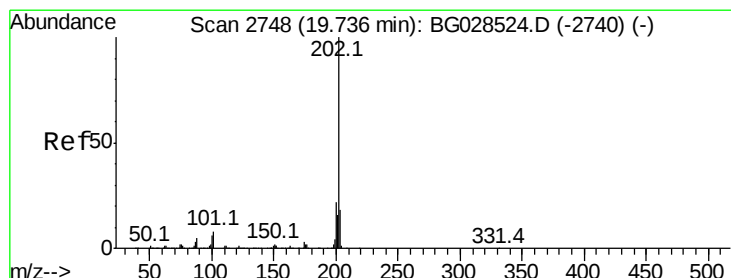
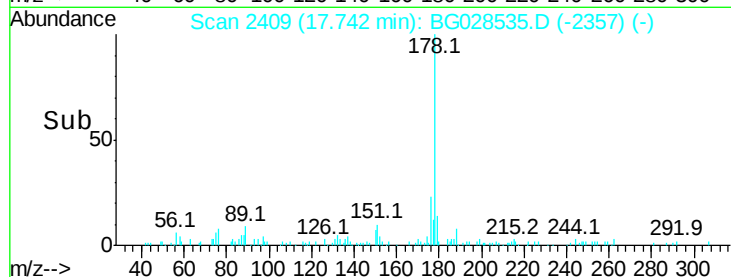
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#74

Fluoranthene

Concen: 2.943 ng/ul

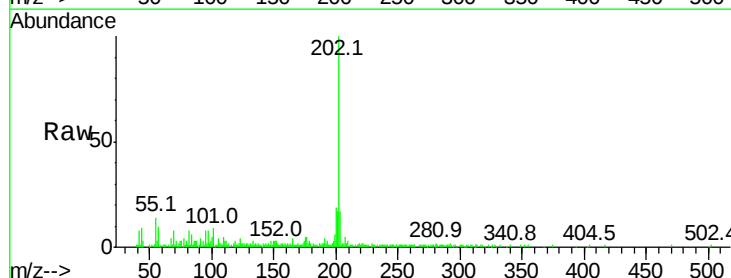
RT: 19.75 min Scan# 2750

Delta R.T. 0.01 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

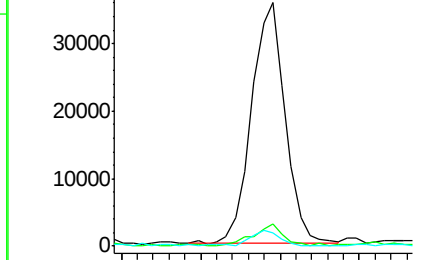
Tgt Ion:202	Resp:	52608
Ion Ratio	Lower	Upper
202	100	
101	8.9	6.2 9.2
100	5.4	5.2 7.8



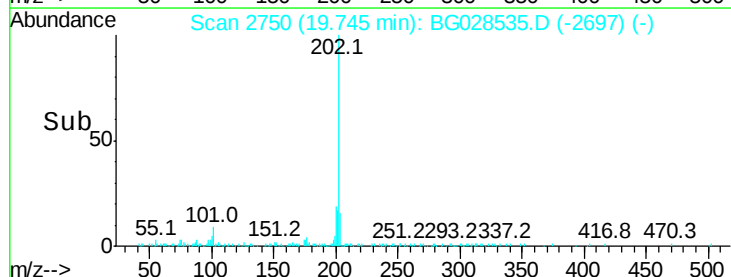
Abundance Ion 202.00 (201.70 to 202.70): E

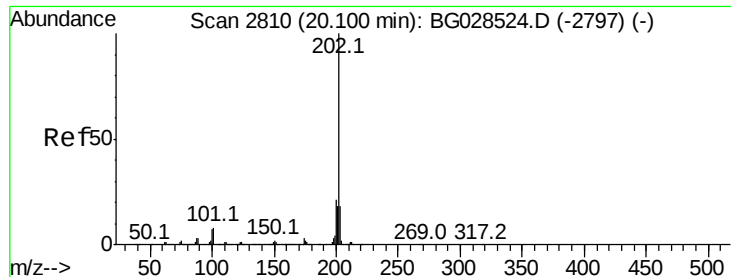
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pvrene

Concen: 3.460 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

Instrument :

BNA_G

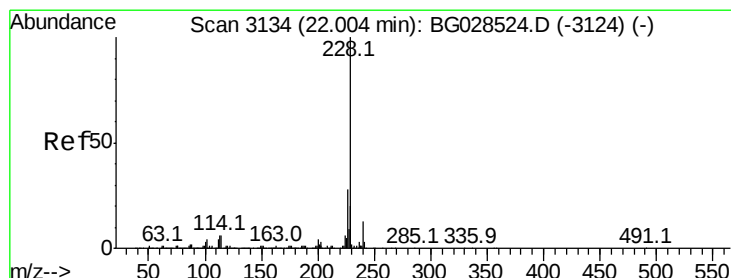
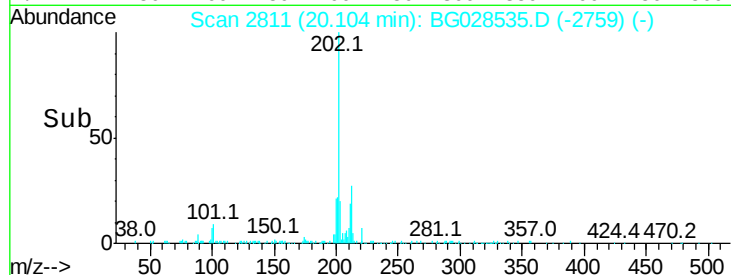
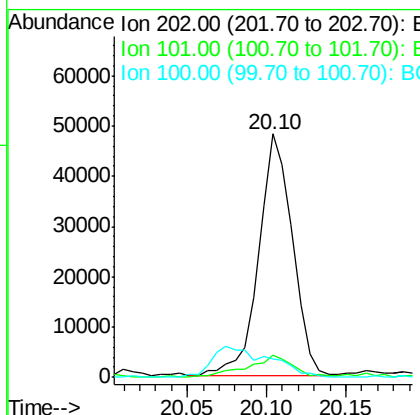
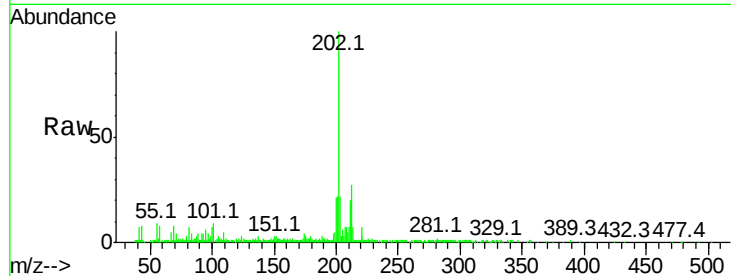
ClientSampleId :

B0B02

Tot Ion:	202	Resp:	71660
Ion Ratio	Lower	Upper	
202	100		
101	9.2	6.9	10.3
100	7.3	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 1.867 ng/ul

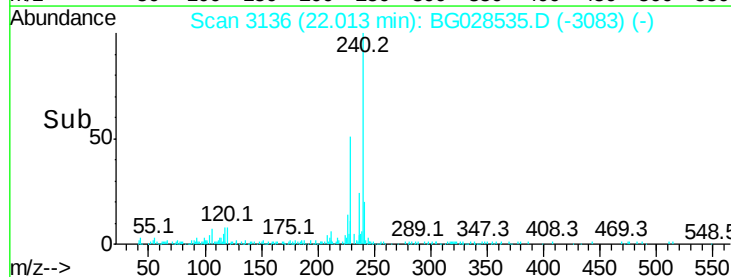
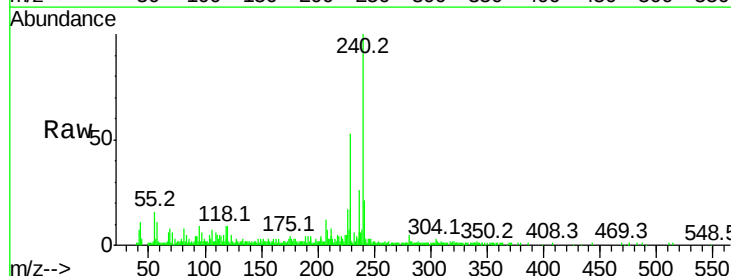
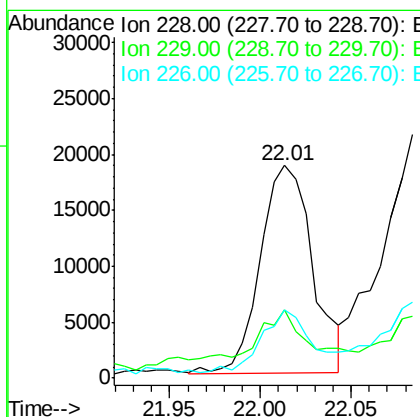
RT: 22.01 min Scan# 3136

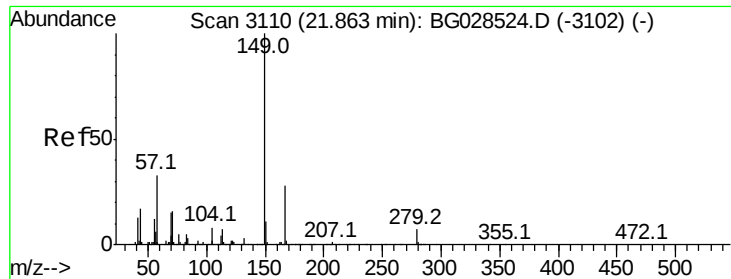
Delta R.T. 0.01 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

Tgt Ion:	228	Resp:	37437
Ion Ratio	Lower	Upper	
228	100		
229	31.9	16.3	24.5#
226	32.2	21.9	32.9





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.713 ng/ul

RT: 21.87 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

Instrument :

BNA_G

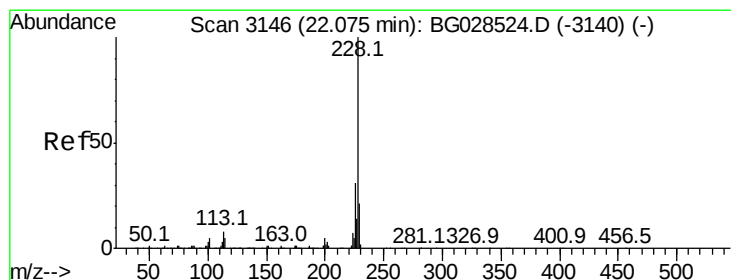
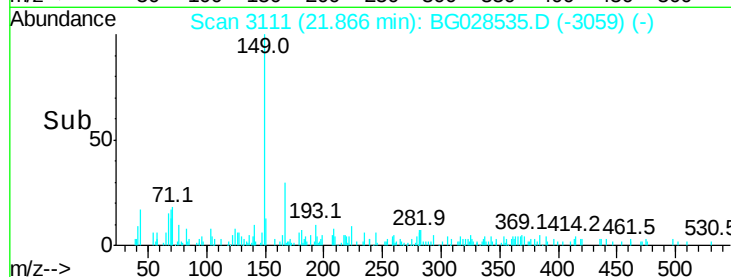
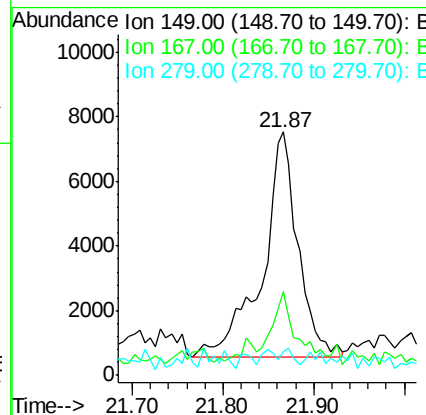
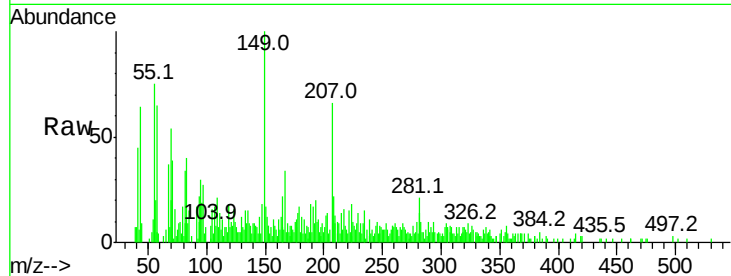
ClientSampled :

B0B02

Tot Ion:	149	Resp:	18898
Ion Ratio	Lower	Upper	
149	100		
167	34.3	21.8	32.8#
279	9.7	4.5	6.7#

Manual Integrations
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#82

Chrysene

Concen: 2.456 ng/ul

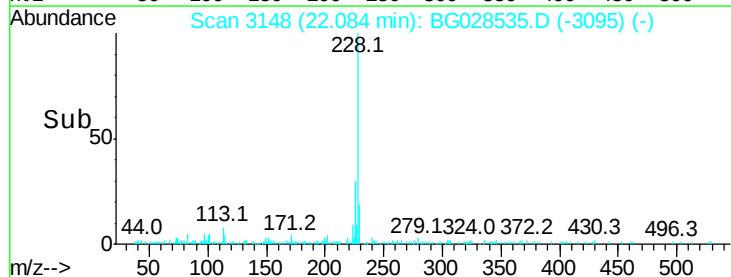
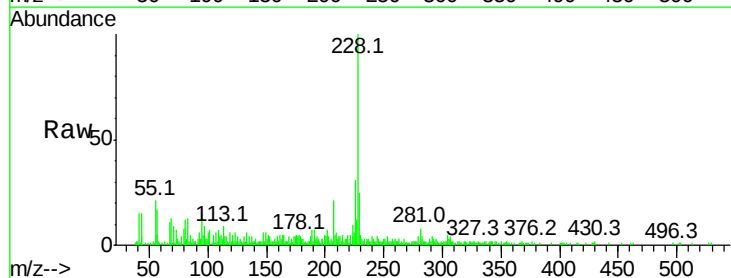
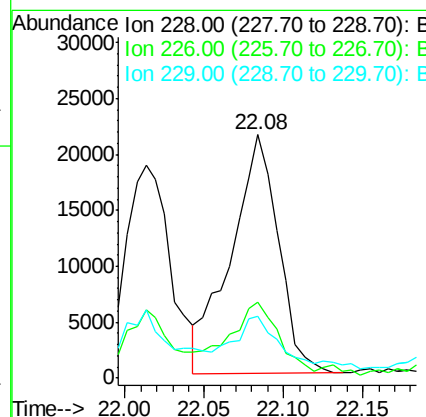
RT: 22.08 min Scan# 3148

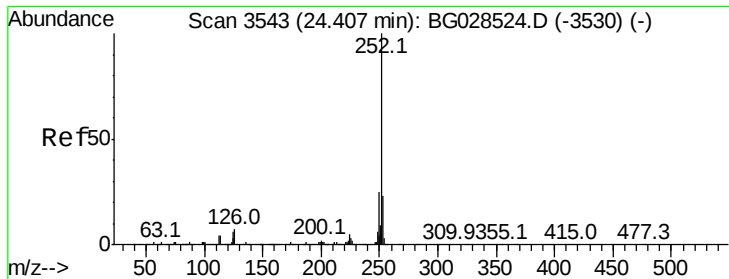
Delta R.T. 0.01 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

Tgt Ion:	228	Resp:	44366
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.0	36.0
229	25.2	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 2.507 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. 0.02 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

Instrument :

BNA_G

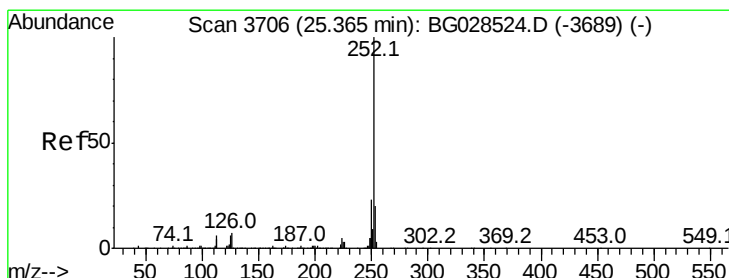
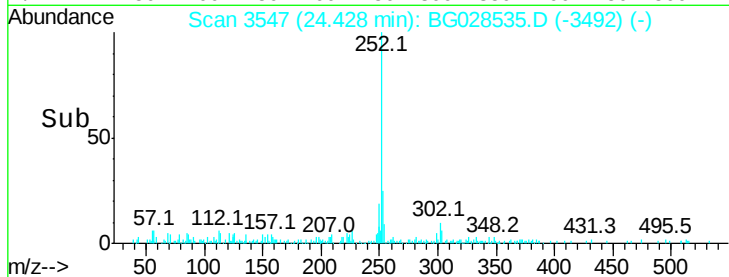
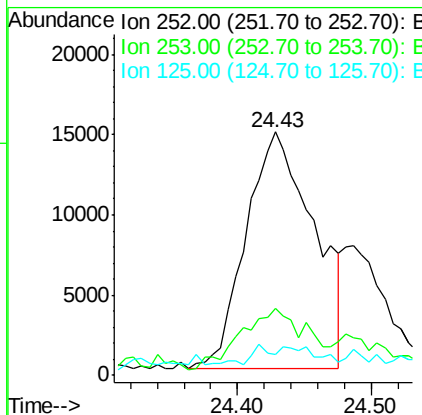
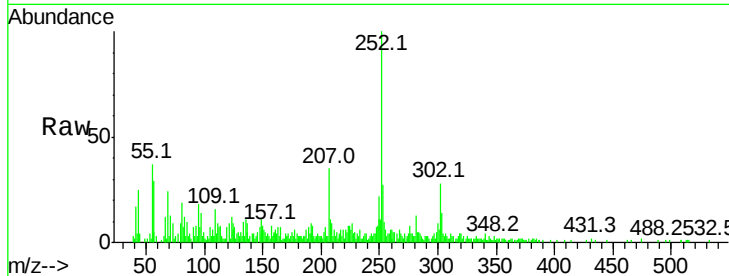
ClientSampled :

B0B02

Tot Ion:	252	Resp:	52373
Ion Ratio	Lower	Upper	
252	100		
253	27.3	17.7	26.5#
125	8.7	4.0	6.0#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 2.006 ng/ul

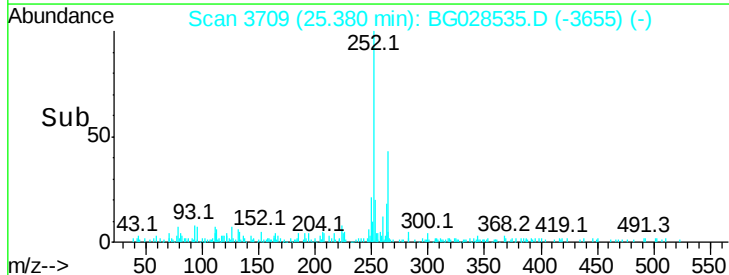
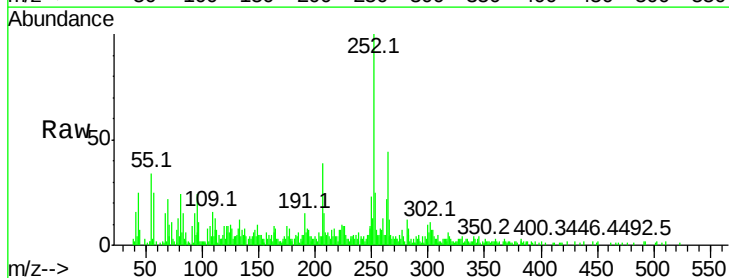
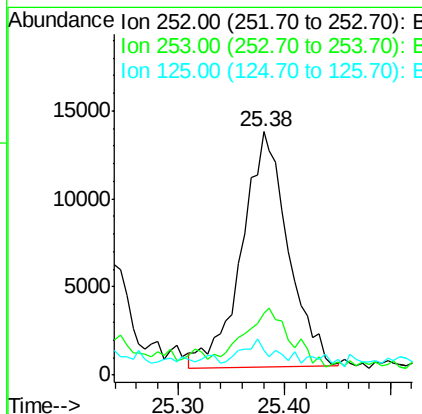
RT: 25.38 min Scan# 3709

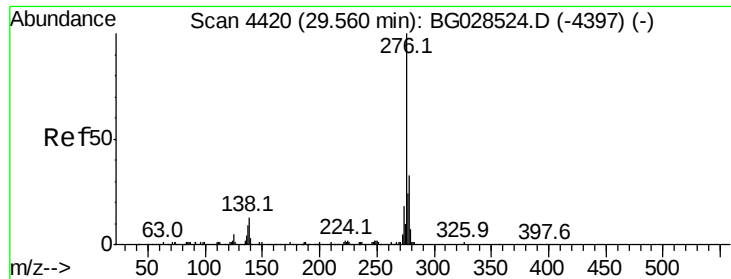
Delta R.T. 0.02 min

Lab File: BG028535.D

Acq: 29 Aug 2017 1:48

Tgt Ion:	252	Resp:	40579
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.8	26.6
125	9.9	5.4	8.0#





#89

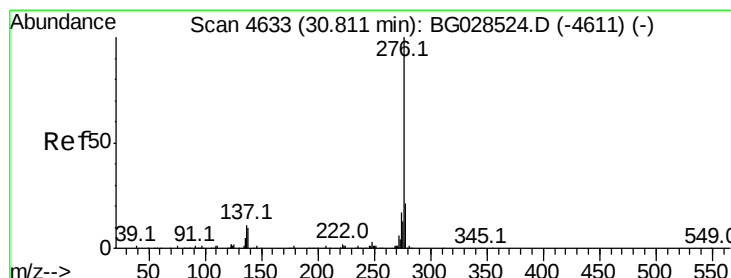
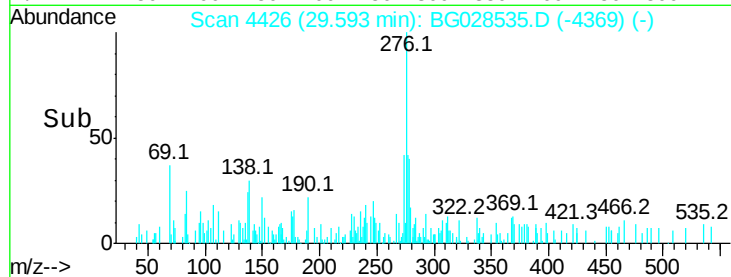
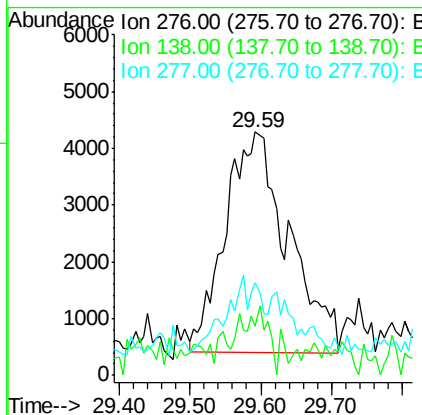
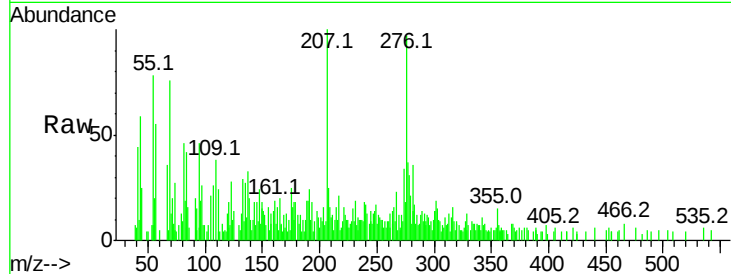
Indeno(1,2,3-cd)pyrene
Concen: 1.018 ng/ul m
RT: 29.59 min Scan# 4426
Delta R.T. 0.03 min
Lab File: BG028535.D
Acq: 29 Aug 2017 1:48

Instrument :
BNA_G
ClientSampleId :
B0B02

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	8.2	12.4#
277	37.8	18.6	28.0#

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#91

Benzo(g,h,i)perylene
Concen: 1.063 ng/ul m
RT: 30.84 min Scan# 4639
Delta R.T. 0.03 min
Lab File: BG028535.D
Acq: 29 Aug 2017 1:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	8.6	12.8#
277	37.0	17.6	26.4#

