

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG028494.D
 Acq On : 25 Aug 2017 16:24
 Operator : SJ/JU
 Sample : I4885-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AT9

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:16:43 PM

Quant Time: Aug 26 01:20:39 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 23:11:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	32038	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	135865	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	97373	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	245544m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	280755	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	281127	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	3530	5.13	ng/uL	0.00
5) Phenol-d5	7.50	99	84182	23.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	51806	23.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	60538	27.27	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	70345	23.92	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	32701	30.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	36354	31.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	73249	30.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	57645	21.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	246900	28.51	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	288897	29.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	29417	21.36	ng/ul	0.00
57) Fluorene-d10	15.94	176	221765	28.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	31729m	19.89	ng/ul	0.00
70) Anthracene-d10	17.80	188	360925	30.65	ng/ul	0.00
76) Pyrene-d10	20.07	212	435169	30.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	412191	31.32	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.52	94	6900	1.973	ng/ul	92
44) Dimethylphthalate	14.39	163	136665	17.138	ng/ul	99
74) Fluoranthene	19.74	202	26302	1.751	ng/ul	98
77) Pyrene	20.10	202	48183	2.877	ng/ul#	96
80) Benzo(a)anthracene	22.01	228	28781	1.774	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.85	149	12348	1.384	ng/ul	97
82) Chrysene	22.08	228	29703m	2.033	ng/ul	
85) Benzo(b)fluoranthene	24.41	252	26475m	1.574	ng/ul	
88) Benzo(a)pyrene	25.37	252	25917	1.591	ng/ul#	88

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

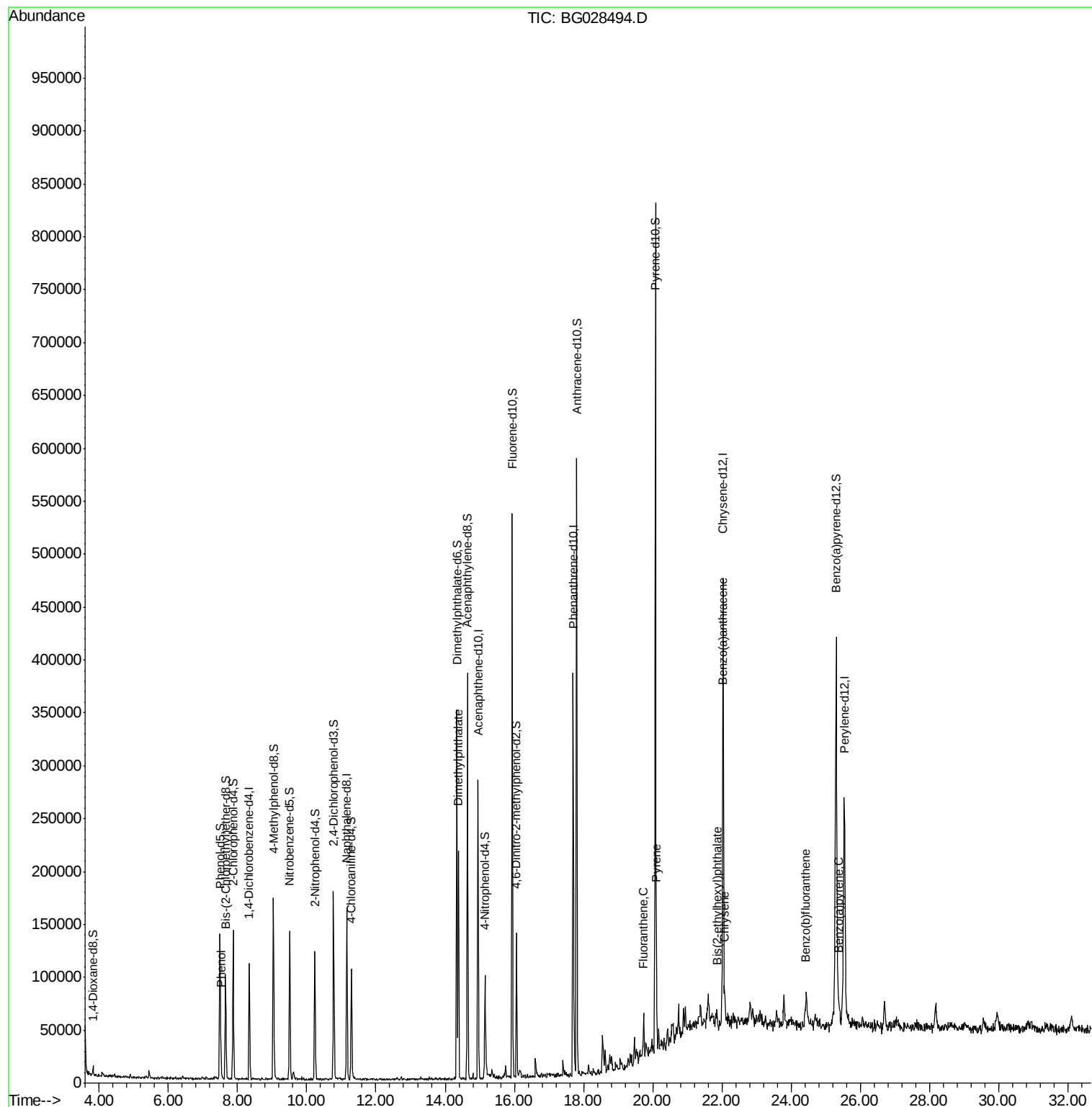
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
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ALS Vial : 12 Sample Multiplier: 1

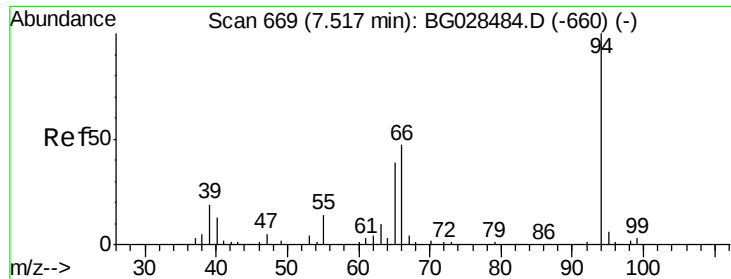
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 23:11:18 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.973 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028494.D

Acq: 25 Aug 2017 16:24

Instrument :

BNA_G

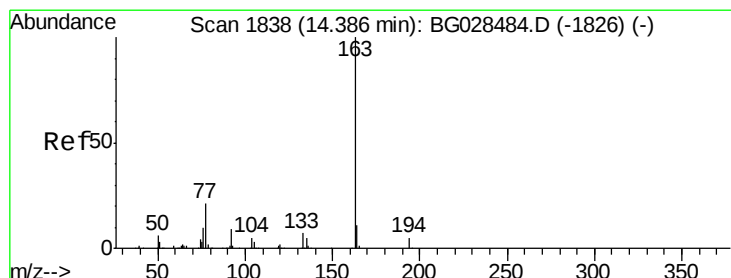
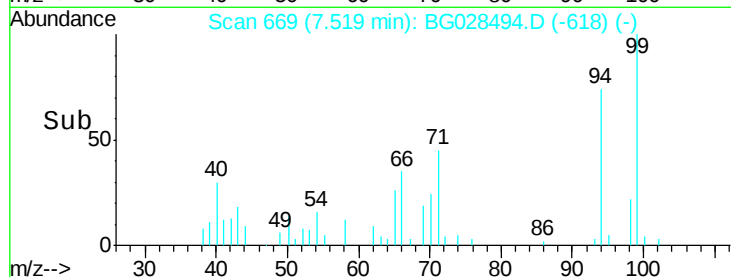
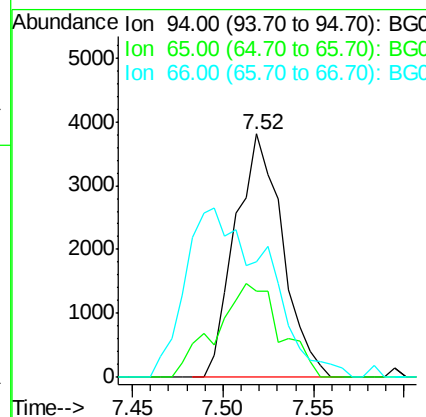
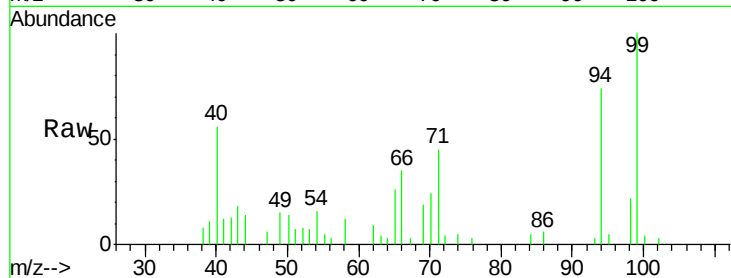
ClientSampleId :

B0AT9

Tgt Ion:	94	Resp:	6900
Ion	Ratio	Lower	Upper
94	100		
65	35.4	26.8	40.2
66	47.6	44.4	66.6

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#44

Dimethylphthalate

Concen: 17.138 ng/ul

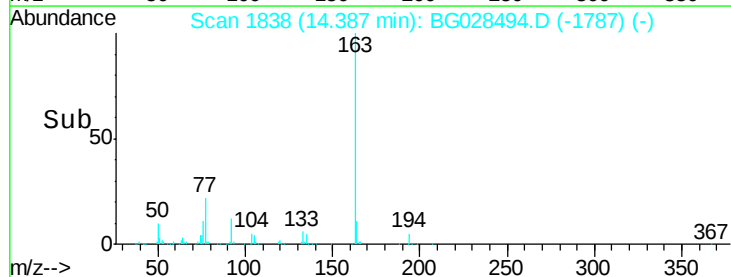
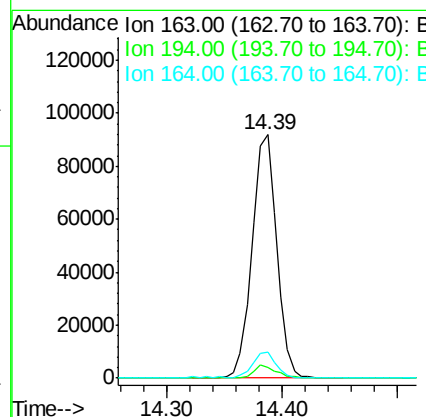
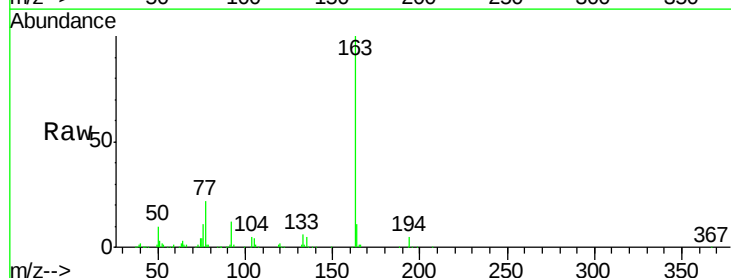
RT: 14.39 min Scan# 1838

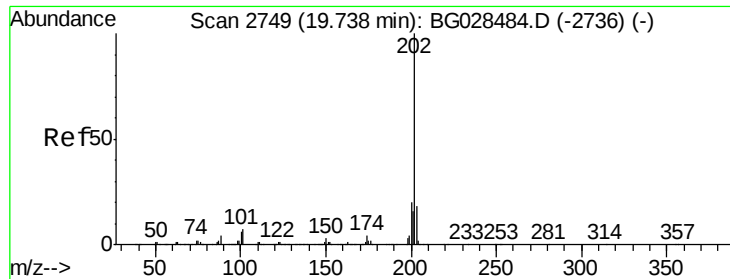
Delta R.T. 0.00 min

Lab File: BG028494.D

Acq: 25 Aug 2017 16:24

Tgt Ion:	163	Resp:	136665
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.7	9.0	13.4





#74

Fluoranthene

Concen: 1.751 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BG028494.D

Acq: 25 Aug 2017 16:24

Instrument :

BNA_G

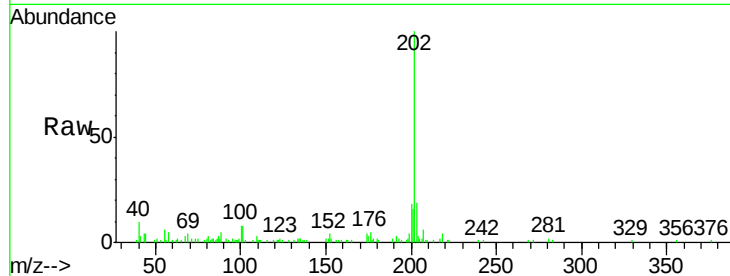
ClientSampleId :

B0AT9

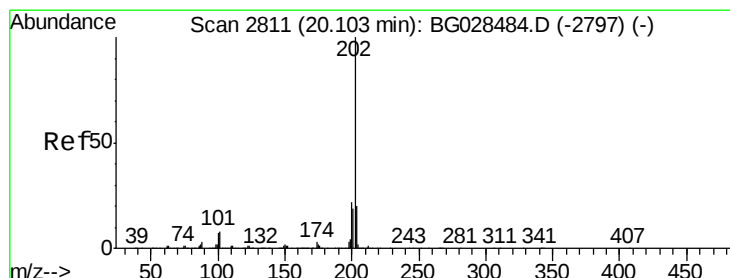
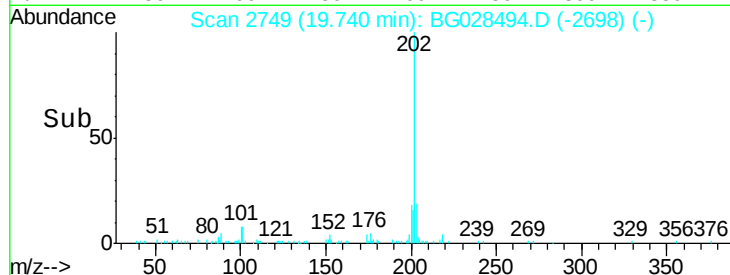
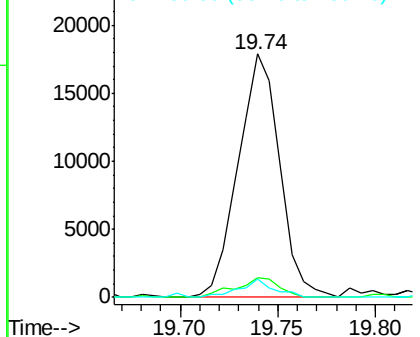
Tgt Ion:	202	Resp:	26302
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.2	9.2
100	7.7	5.2	7.8

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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): B



#77

Pyrene

Concen: 2.877 ng/ul

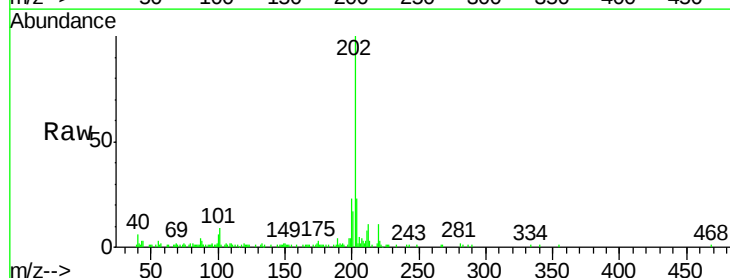
RT: 20.10 min Scan# 2811

Delta R.T. 0.00 min

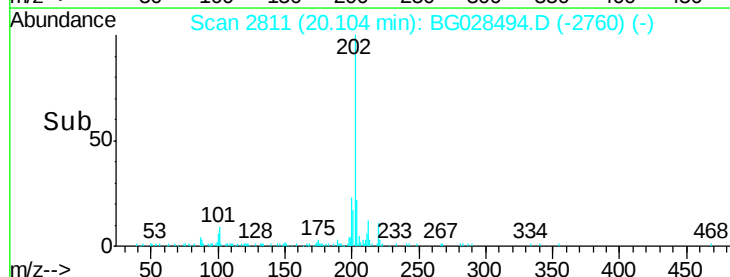
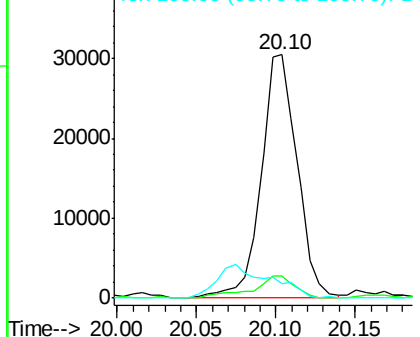
Lab File: BG028494.D

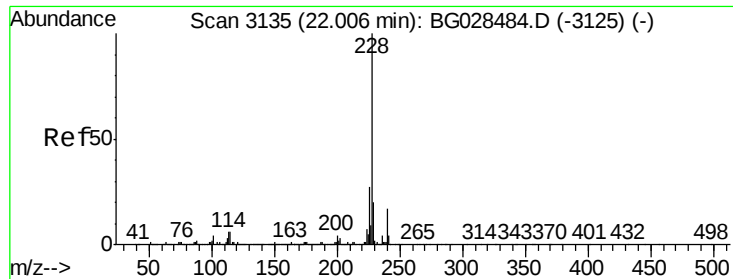
Acq: 25 Aug 2017 16:24

Tgt Ion:	202	Resp:	48183
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.9	10.3
100	5.9	6.6	10.0#



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





#80

Benzo(a)anthracene

Concen: 1.774 ng/ul

RT: 22.01 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG028494.D

Acq: 25 Aug 2017 16:24

Instrument :

BNA_G

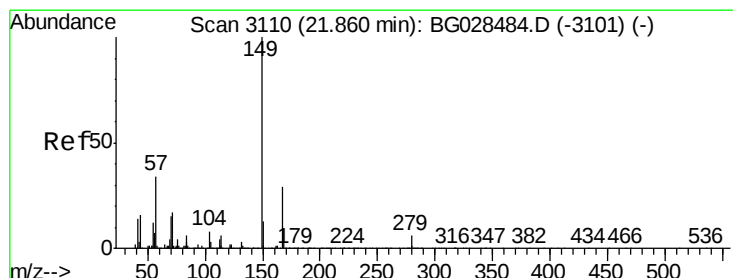
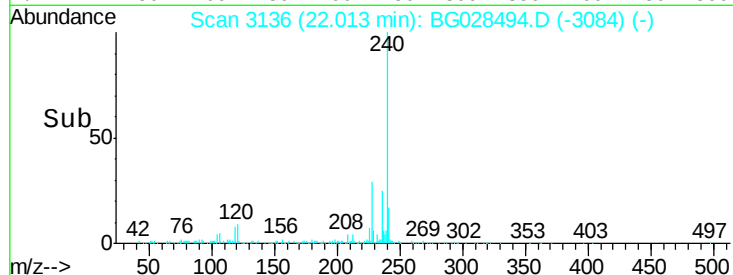
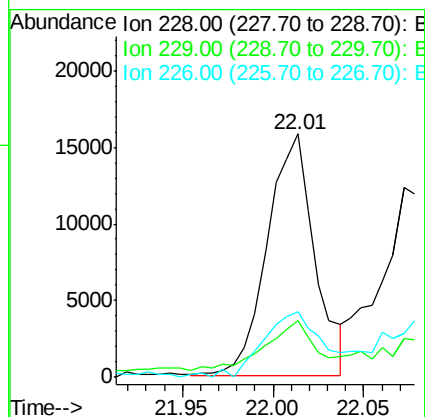
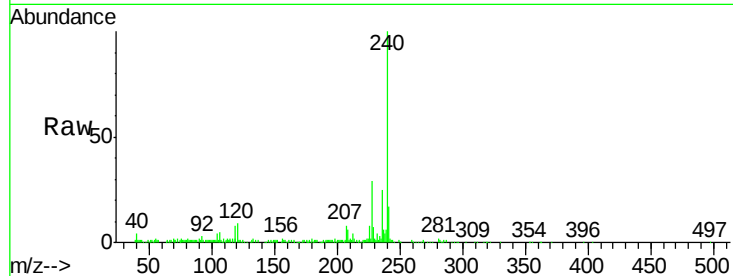
ClientSampleId :

B0AT9

Tgt Ion:	228	Resp:	28781
Ion Ratio	Lower	Upper	
228	100		
229	23.1	16.3	24.5
226	26.8	21.9	32.9

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#81

Bis(2-ethylhexyl)phthalate

Concen: 1.384 ng/ul

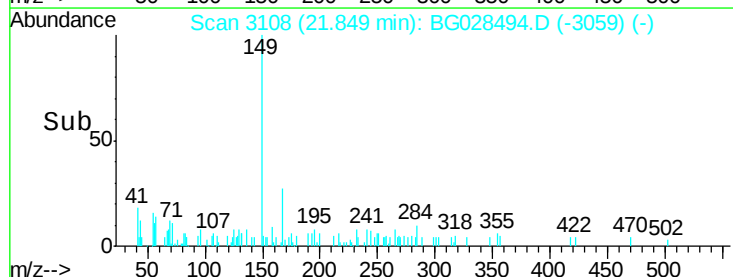
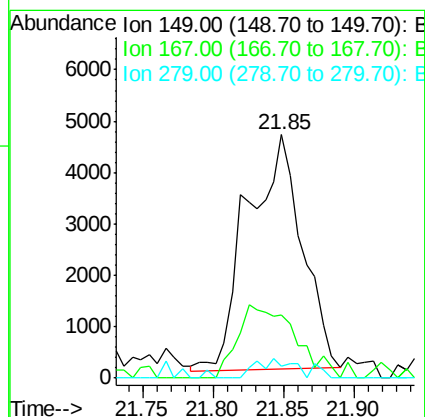
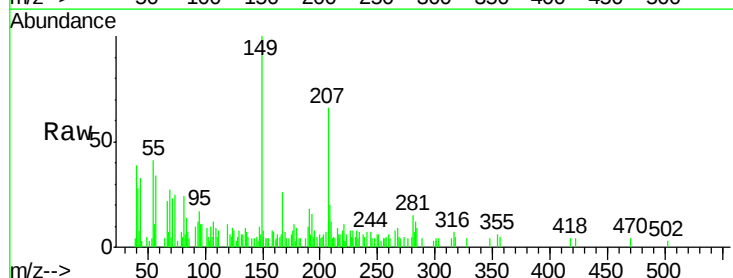
RT: 21.85 min Scan# 3108

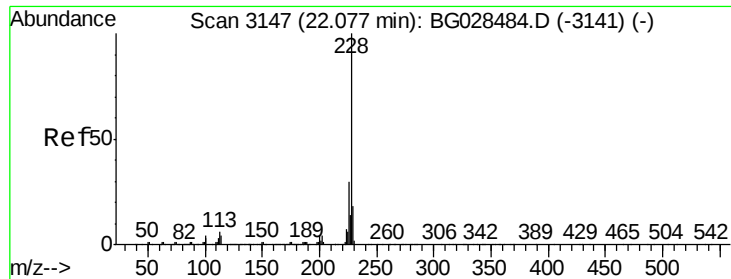
Delta R.T. -0.01 min

Lab File: BG028494.D

Acq: 25 Aug 2017 16:24

Tgt Ion:	149	Resp:	12348
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.8	32.8
279	4.7	4.5	6.7





#82

Chrysene

Concen: 2.033 ng/ul m

RT: 22.08 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG028494.D

Acq: 25 Aug 2017 16:24

Instrument :

BNA_G

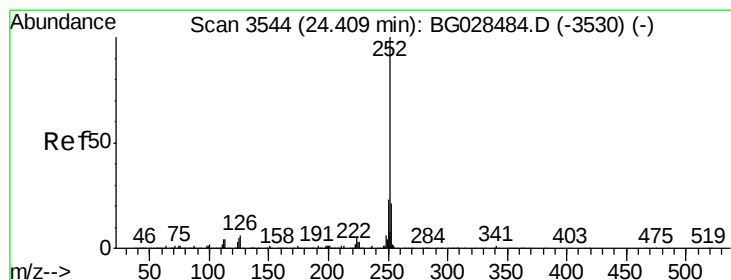
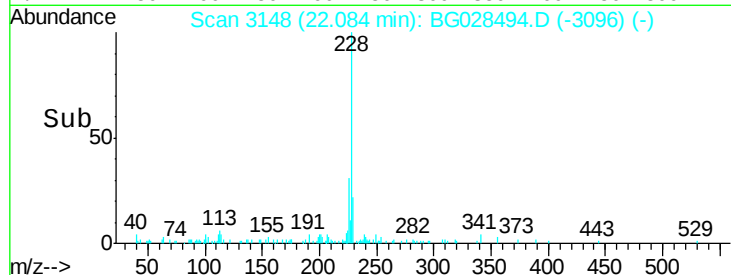
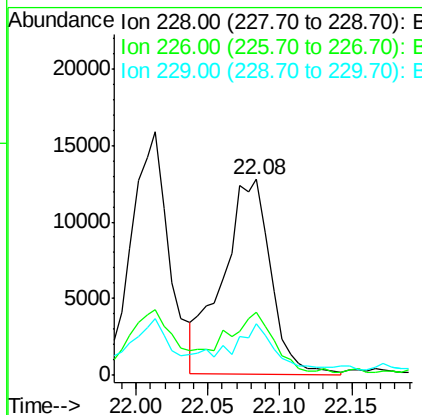
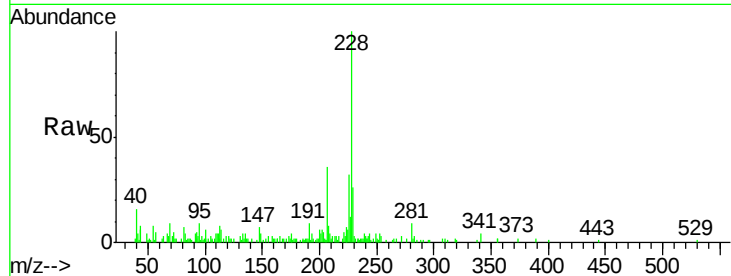
ClientSampleId :

B0AT9

Tgt Ion:	228	Resp:	29703
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.0	36.0
229	26.1	16.9	25.3#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 1.574 ng/ul m

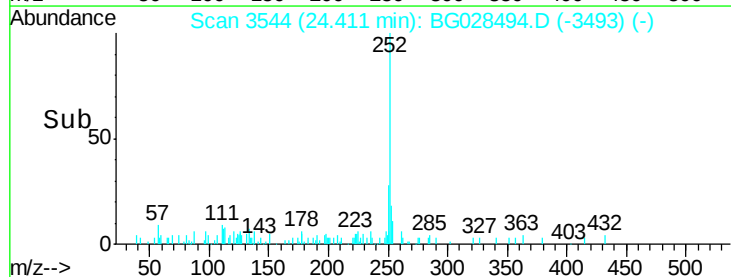
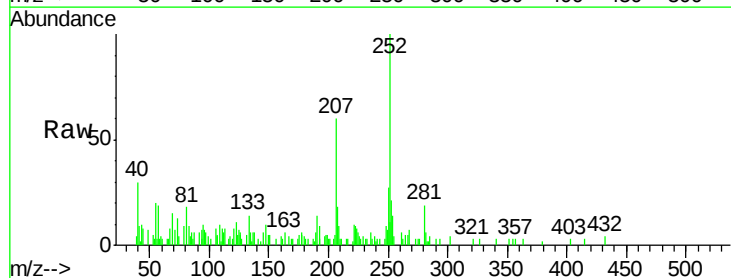
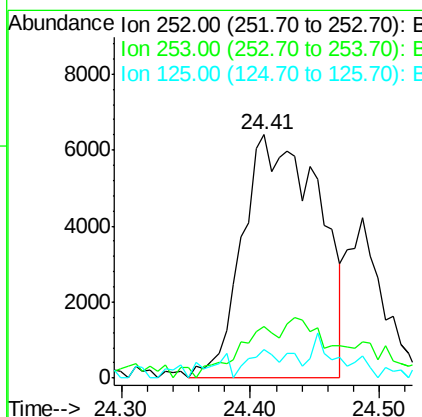
RT: 24.41 min Scan# 3544

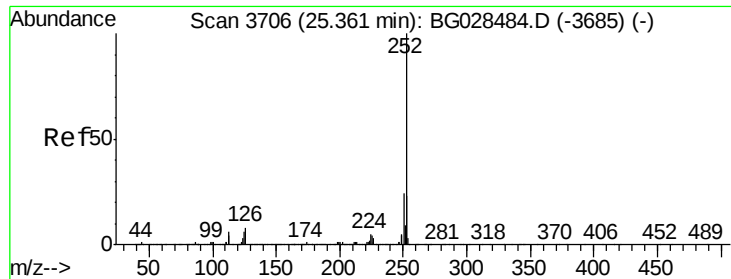
Delta R.T. 0.00 min

Lab File: BG028494.D

Acq: 25 Aug 2017 16:24

Tgt Ion:	252	Resp:	26475
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.7	26.5
125	6.6	4.0	6.0#





#88

Benzo(a)pyrene

Concen: 1.591 ng/ul

RT: 25.37 min Scan# 3708

Delta R.T. 0.01 min

Lab File: BG028494.D

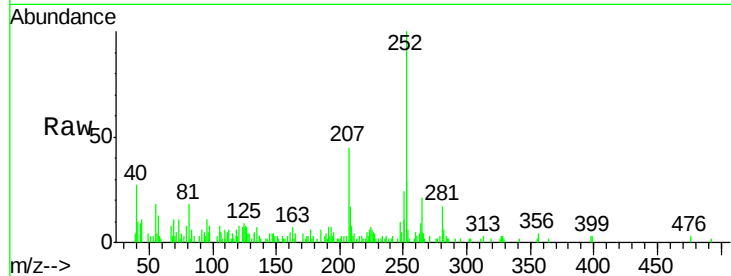
Acq: 25 Aug 2017 16:24

Instrument :

BNA_G

ClientSampleId :

B0AT9



Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.8	26.6#
125	8.7	5.4	8.0#

Manual Integrations
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