

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028473.D
 Acq On : 24 Aug 2017 23:25
 Operator : SJ/JU
 Sample : I4840-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AG6

Manual Integrations
 APPROVED

Sohil
 8/25/2017 5:43:53 PM

Quant Time: Aug 25 04:13:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40893	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	171057	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	123409	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	309485m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	367422	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	358453	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	1750	1.99	ng/uL	0.00
5) Phenol-d5	7.49	99	40567	9.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	26855	9.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	29843	10.53	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	33133	8.83	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	15706	11.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	17955	12.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	34501	11.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	22146	6.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	131419	11.97	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	139029	11.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	14414	8.26	ng/ul	0.00
57) Fluorene-d10	15.93	176	110151	11.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	17075m	8.49	ng/ul	0.00
70) Anthracene-d10	17.80	188	187258	12.62	ng/ul	0.00
76) Pyrene-d10	20.07	212	238392	12.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	225730	13.45	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.38	163	31731	3.140 ng/ul	97
69) Phenanthrene	17.74	178	60773	3.902 ng/ul	96
74) Fluoranthene	19.74	202	95996m	5.072 ng/ul	
77) Pyrene	20.09	202	88469	4.036 ng/ul	97
80) Benzo(a)anthracene	22.00	228	56203m	2.647 ng/ul	
82) Chrysene	22.08	228	45408	2.375 ng/ul	95
85) Benzo(b)fluoranthene	24.41	252	62177	2.899 ng/ul	97
88) Benzo(a)pyrene	25.36	252	43573	2.098 ng/ul	95

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

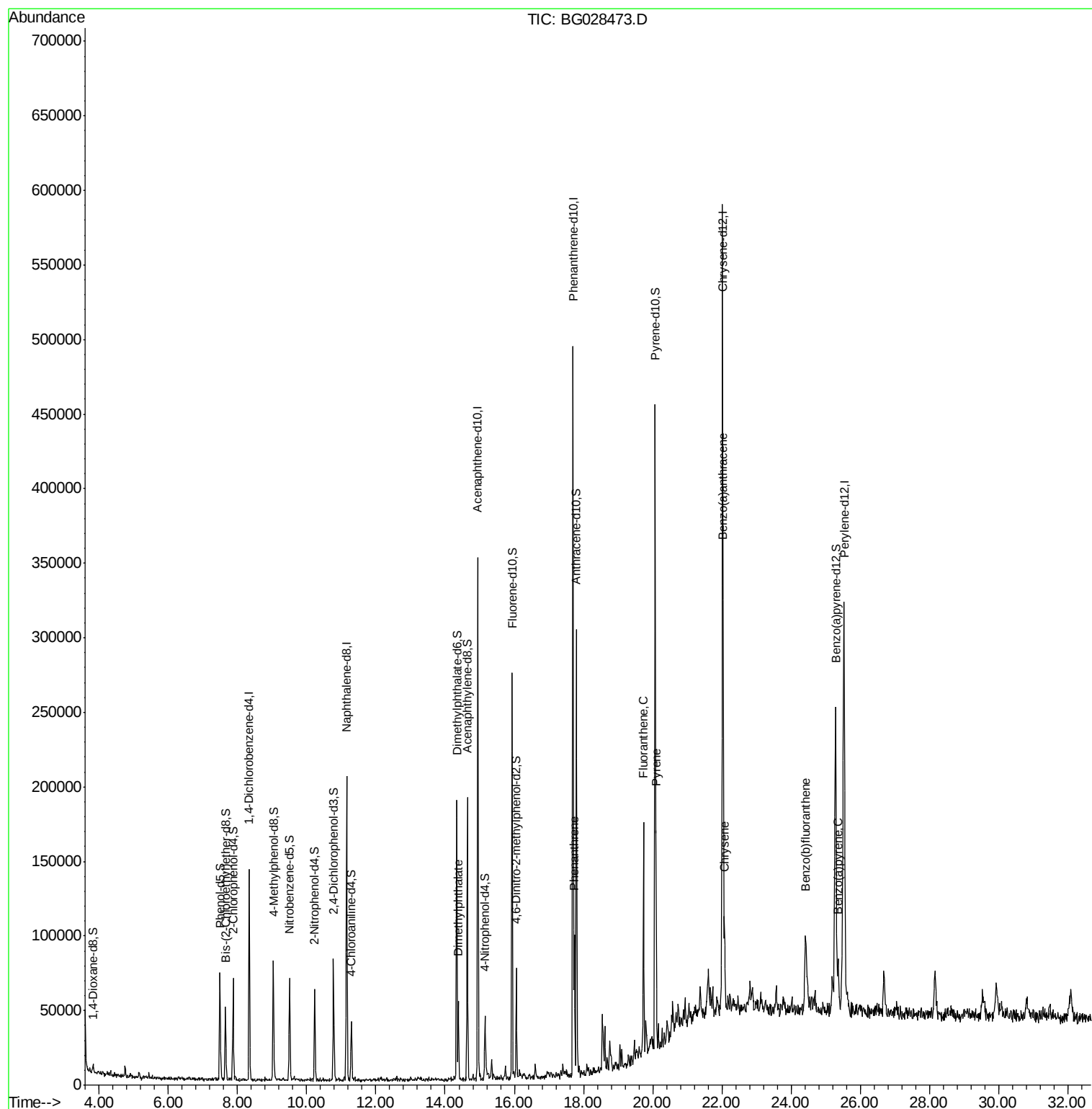
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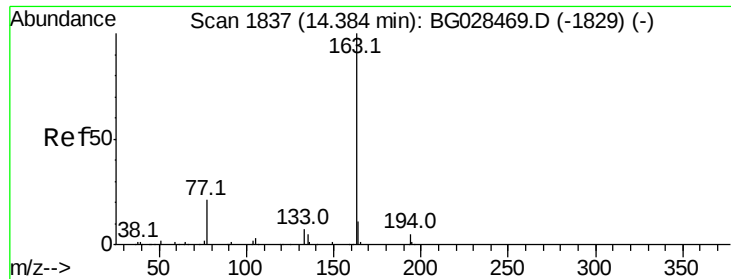
Instrument :
BNA_G
ClientSampled :
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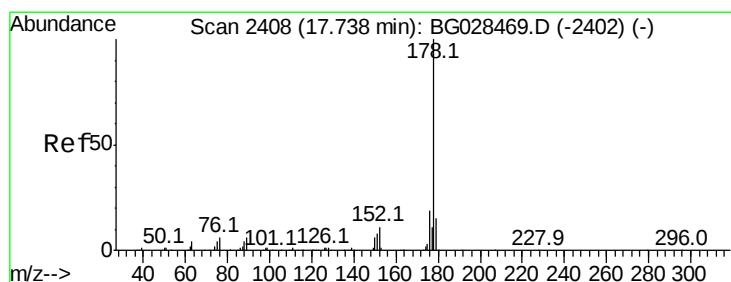
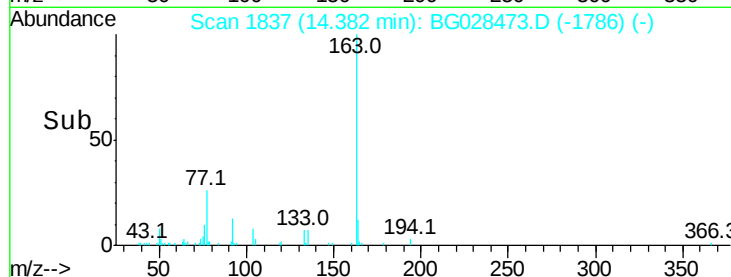
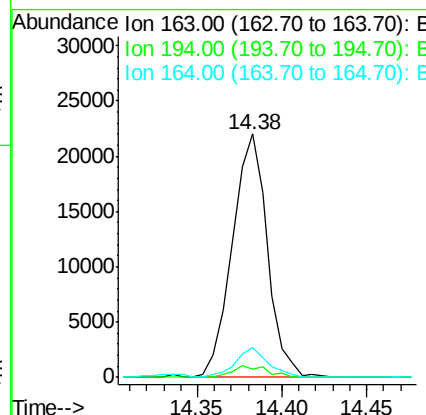
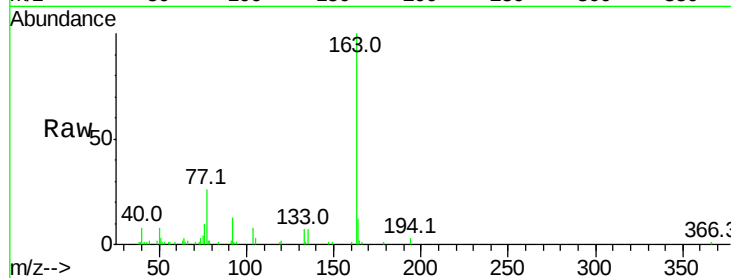
#44
Dimethylphthalate
Concen: 3.140 ng/ul
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028473.D
Acq: 24 Aug 2017 23:25

Instrument :
BNA_G
ClientSampled :
B0AG6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	31731		
194	3.5		3.4	5.0
164	12.4		9.0	13.4

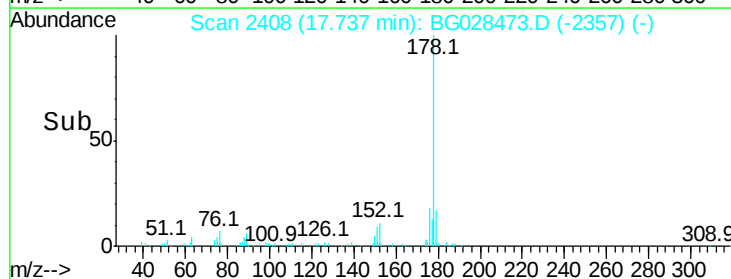
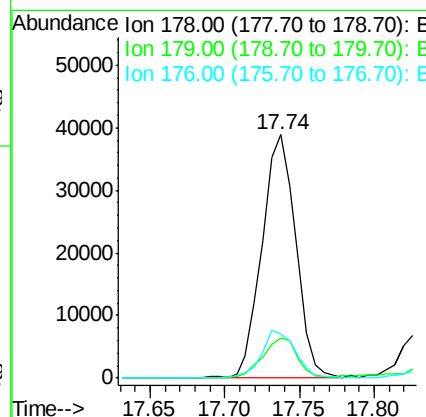
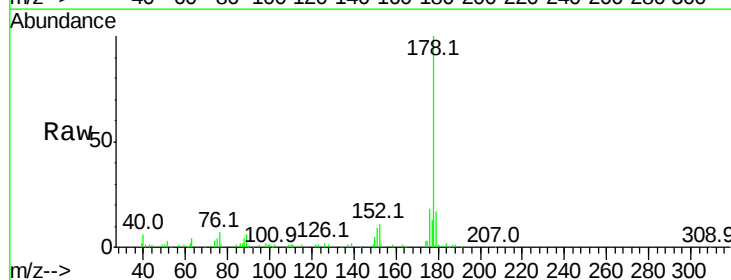
Manual Integrations
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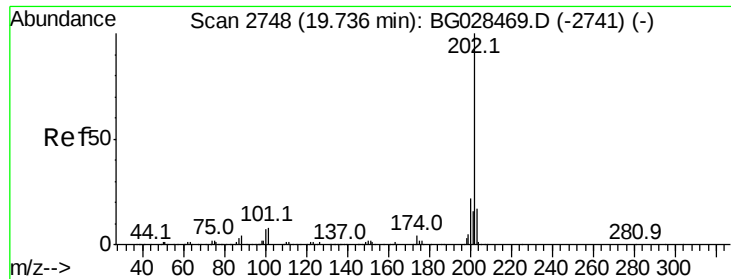
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#69
Phenanthrene
Concen: 3.902 ng/ul
RT: 17.74 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG028473.D
Acq: 24 Aug 2017 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	60773		
179	16.7		12.4	18.6
176	18.2		16.5	24.7





#74

Fluoranthene

Concen: 5.072 ng/ul m

RT: 19.74 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028473.D

Acq: 24 Aug 2017 23:25

Instrument :

BNA_G

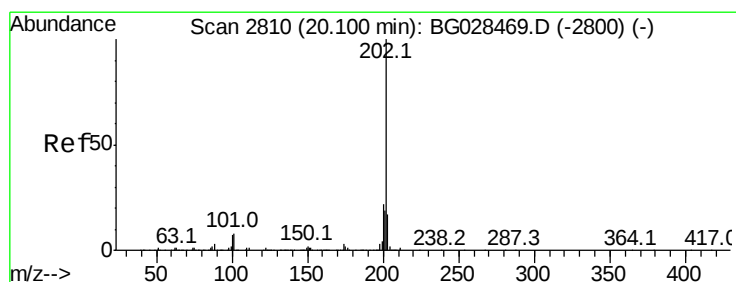
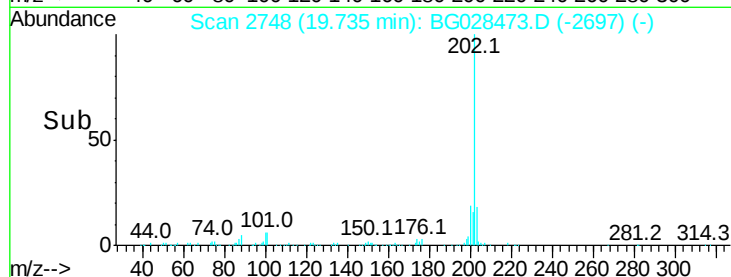
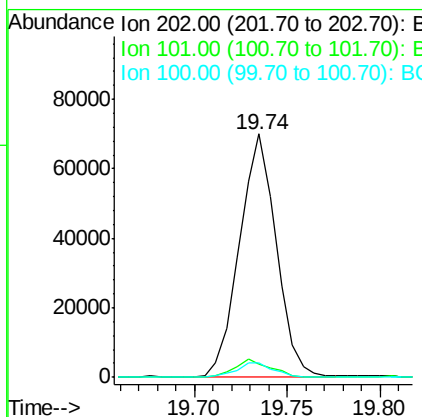
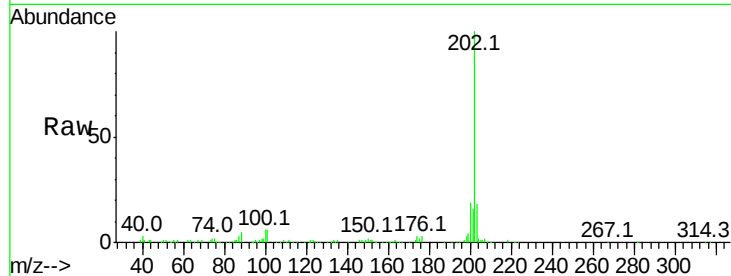
ClientSampleId :

B0AG6

Tot Ion:	202	Resp:	95996
Ion Ratio	Lower	Upper	
202	100		
101	5.5	6.2	9.2#
100	6.2	5.2	7.8

Manual Integrations
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#77

Pyrene

Concen: 4.036 ng/ul

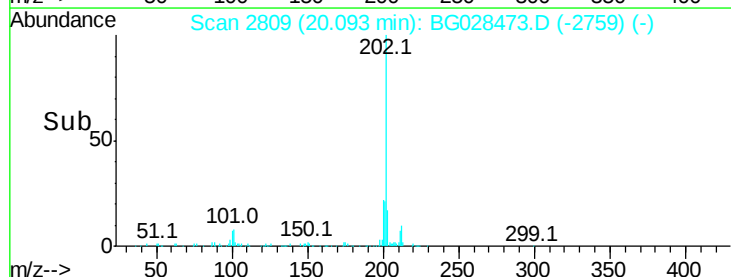
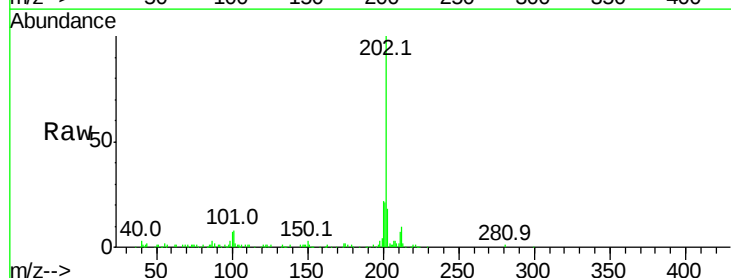
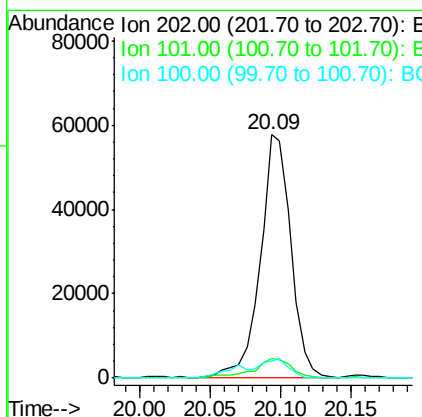
RT: 20.09 min Scan# 2809

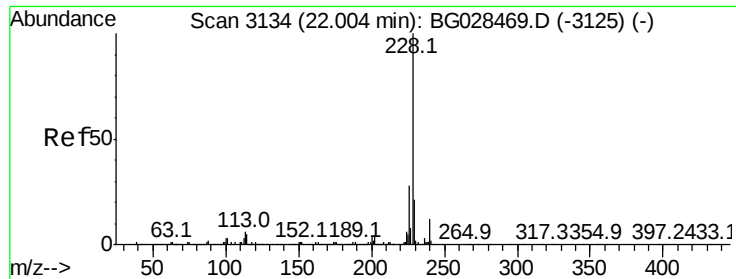
Delta R.T. -0.01 min

Lab File: BG028473.D

Acq: 24 Aug 2017 23:25

Tgt Ion:	202	Resp:	88469
Ion Ratio	Lower	Upper	
202	100		
101	9.6	6.9	10.3
100	7.0	6.6	10.0





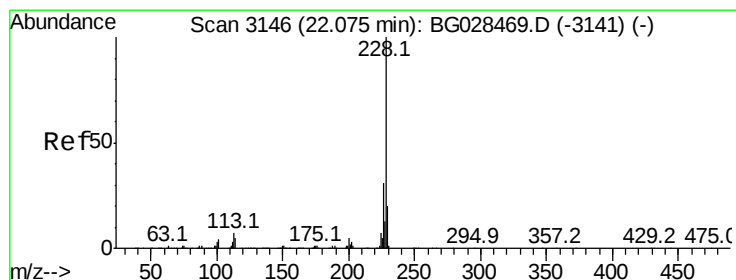
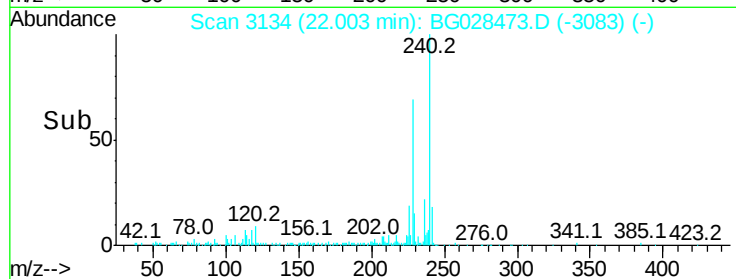
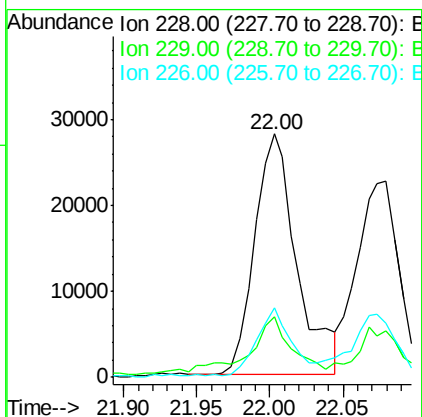
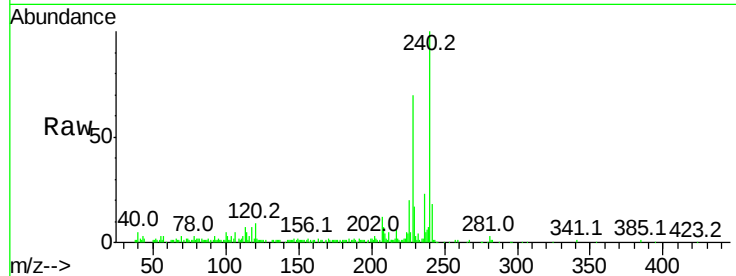
#80
Benzo(a)anthracene
Concen: 2.647 ng/ul m
RT: 22.00 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG028473.D
Acq: 24 Aug 2017 23:25

Instrument :
BNA_G
ClientSampleId :
B0AG6

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.9	16.3	24.5#
226	28.6	21.9	32.9

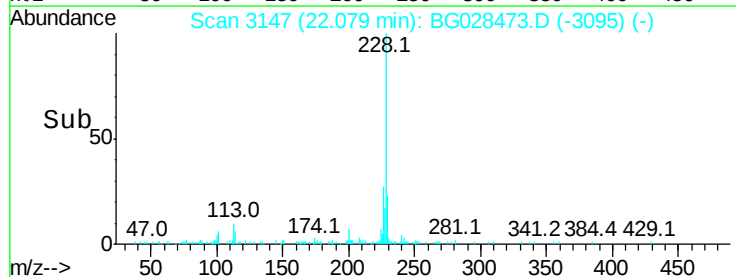
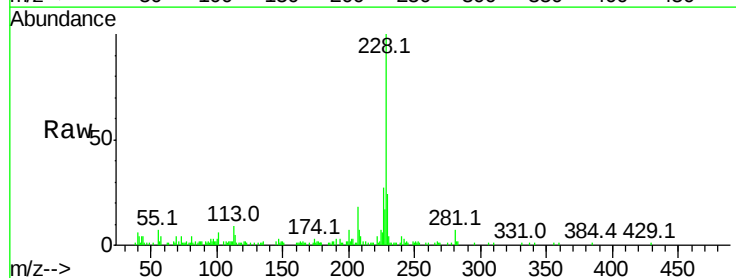
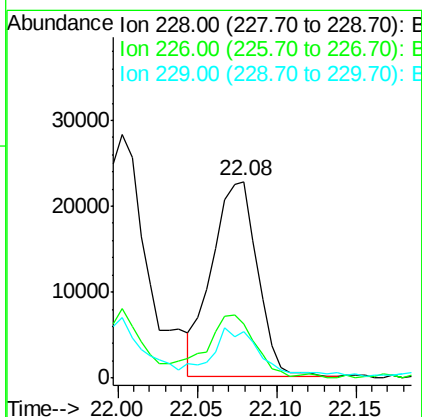
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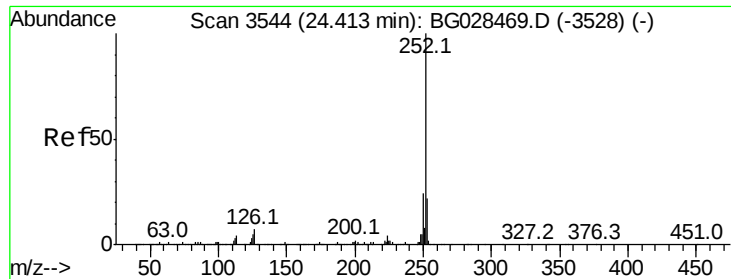
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#82
Chrysene
Concen: 2.375 ng/ul
RT: 22.08 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG028473.D
Acq: 24 Aug 2017 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	23.7	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 2.899 ng/ul

RT: 24.41 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG028473.D

Acq: 24 Aug 2017 23:25

Instrument :

BNA_G

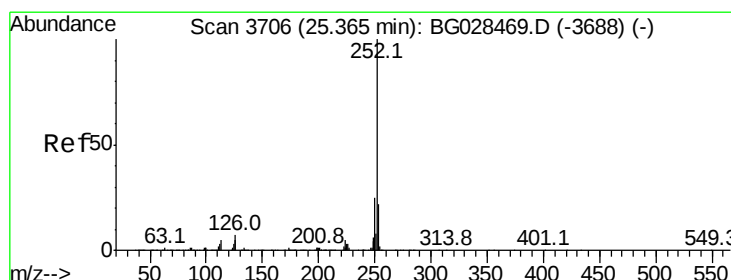
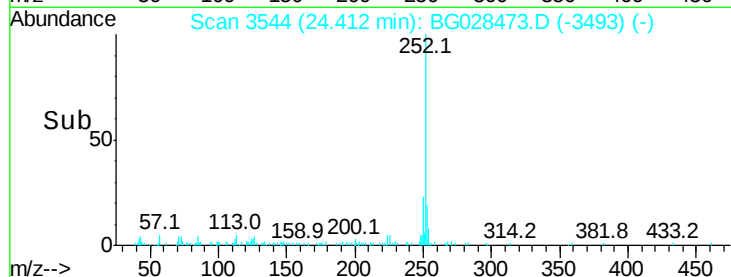
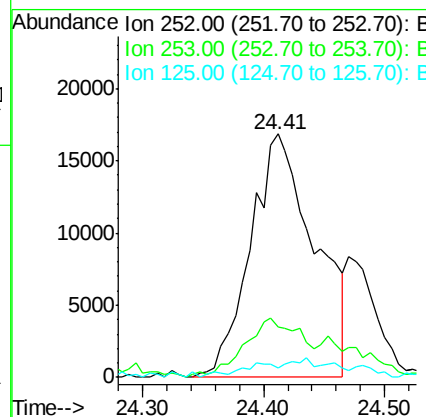
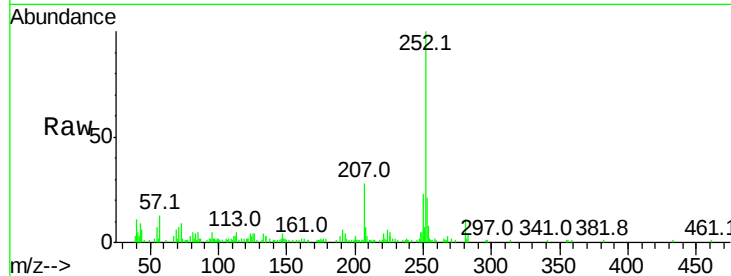
ClientSampled :

B0AG6

Tot Ion:	252	Resp:	62177
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.7	26.5
125	4.1	4.0	6.0

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 2.098 ng/ul

RT: 25.36 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG028473.D

Acq: 24 Aug 2017 23:25

Tgt Ion:	252	Resp:	43573
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.8	26.6
125	5.8	5.4	8.0

