

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028437.D
 Acq On : 23 Aug 2017 3:57
 Operator : SJ/JU
 Sample : I4713-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB3

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:40 PM

Quant Time: Aug 23 09:04:09 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 07:06:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	46060	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	207986	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	147271	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	343922m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	379906	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	382969	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	3647	3.69	ng/uL	0.00
5) Phenol-d5	7.50	99	106586	21.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	63333	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	76341	23.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	88198	20.86	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	40398	24.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	49446	27.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	94111	25.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	76642	18.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	341121	26.04	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	382186	25.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	44448	21.34	ng/ul	0.00
57) Fluorene-d10	15.94	176	293982	25.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	52711m	23.59	ng/ul	0.00
70) Anthracene-d10	17.80	188	449729	27.27	ng/ul	0.00
76) Pyrene-d10	20.08	212	565273	29.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	533195	29.74	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.52	94	12156	2.418	ng/ul#	90
44) Dimethylphthalate	14.39	163	145689	12.080	ng/ul	99
77) Pyrene	20.10	202	36203	1.597	ng/ul	97
82) Chrysene	22.08	228	29364	1.485	ng/ul	98
85) Benzo(b)fluoranthene	24.42	252	45649	1.992	ng/ul#	96
88) Benzo(a)pyrene	25.38	252	27878	1.256	ng/ul#	85

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

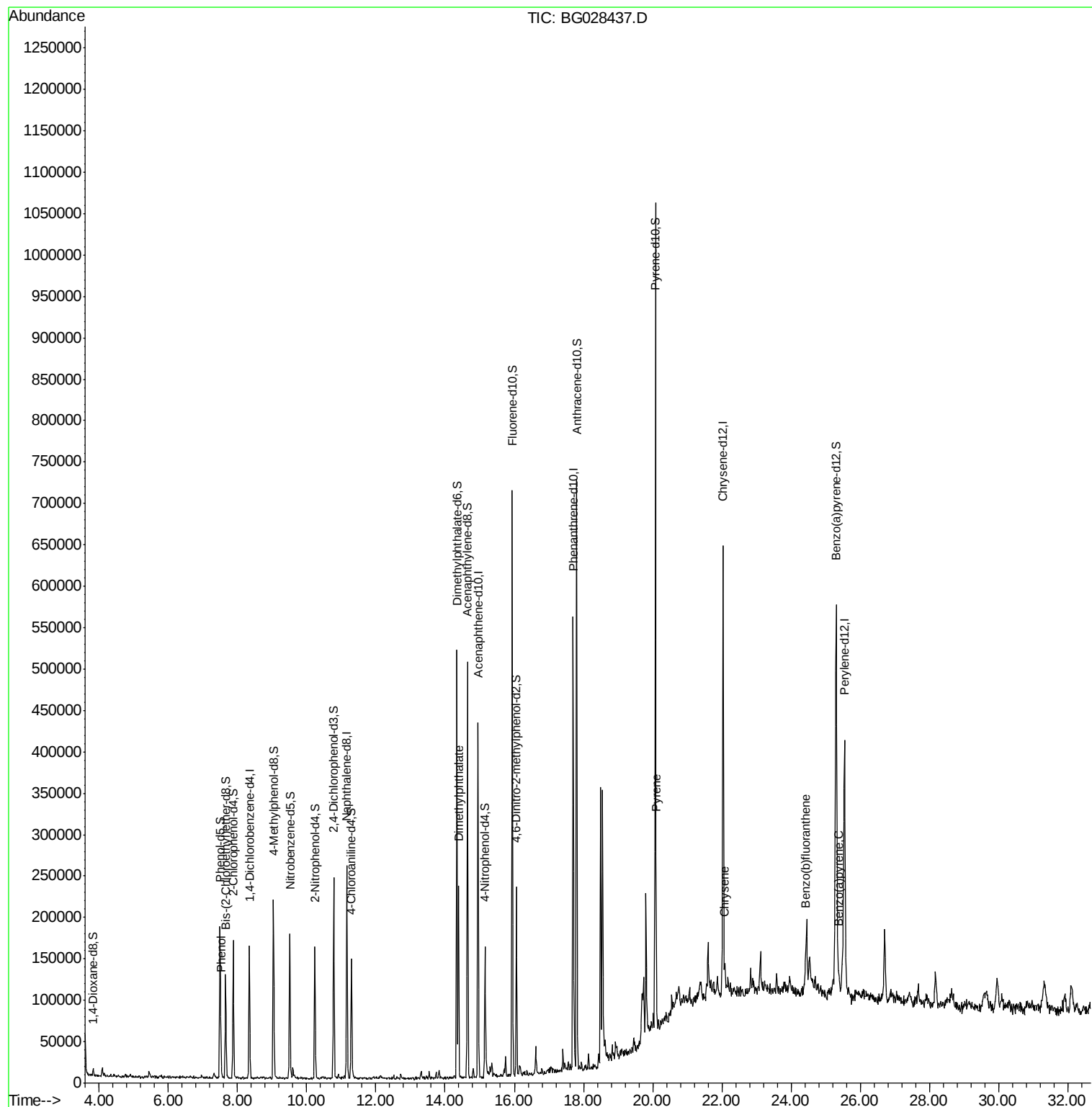
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ALS Vial : 26 Sample Multiplier: 1

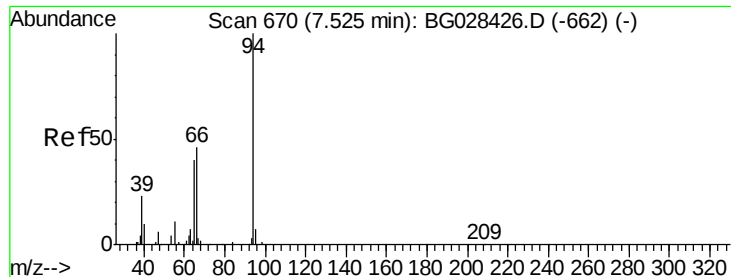
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.418 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

Instrument :

BNA_G

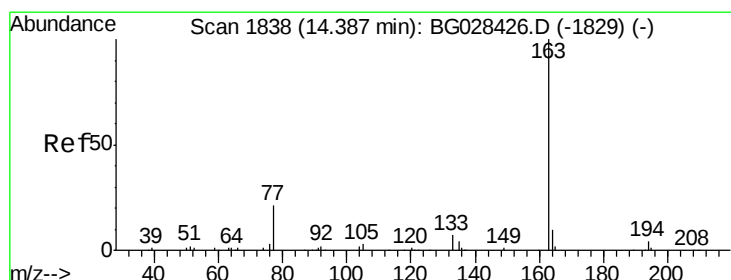
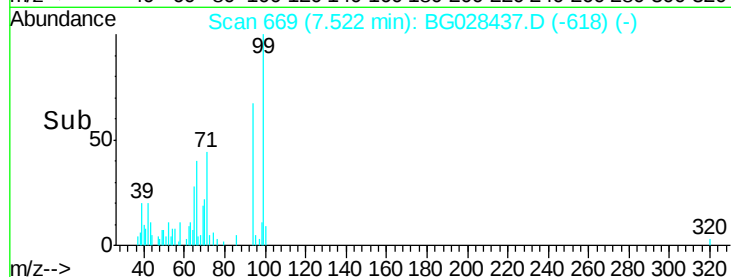
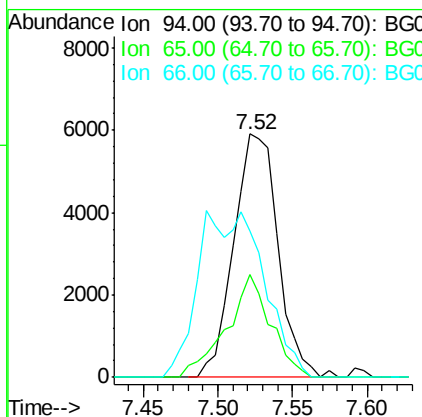
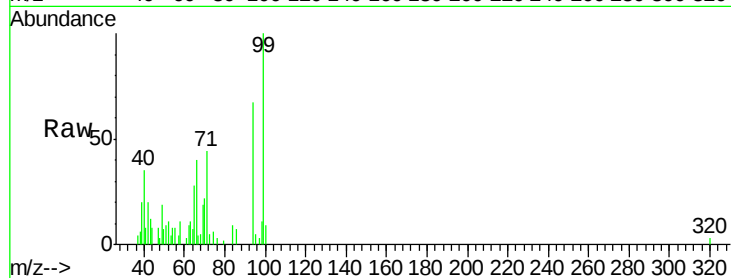
ClientSampleId :

E7GB3

Tgt Ion:	94	Resp:	12156
Ion Ratio	Lower	Upper	
94	100		
65	42.5	26.8	40.2#
66	60.1	44.4	66.6

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#44

Dimethylphthalate

Concen: 12.080 ng/ul

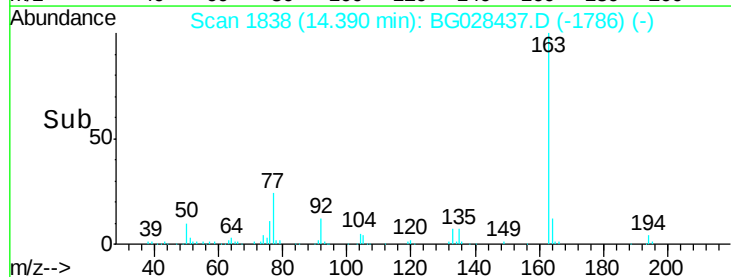
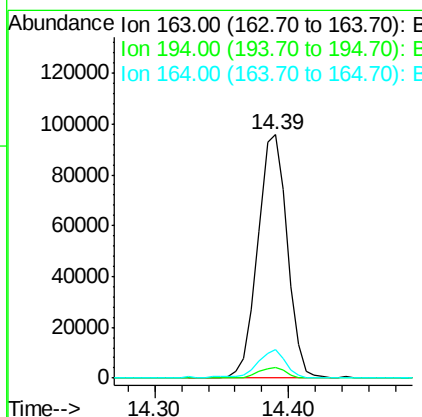
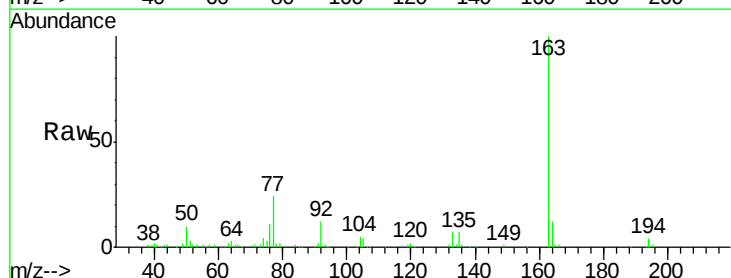
RT: 14.39 min Scan# 1838

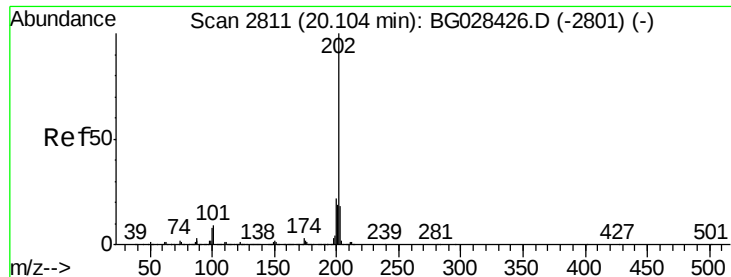
Delta R.T. 0.00 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

Tgt Ion:	163	Resp:	145689
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.0
164	11.6	9.0	13.4





#77

Pyrene

Concen: 1.597 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

Instrument :

BNA_G

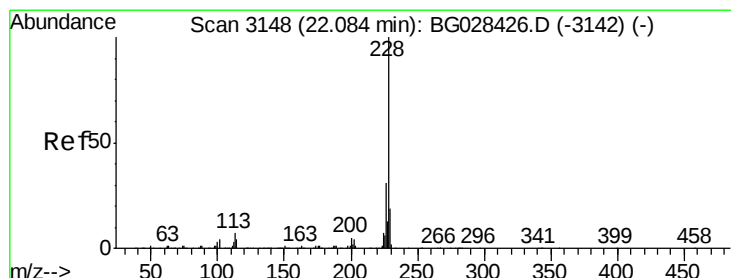
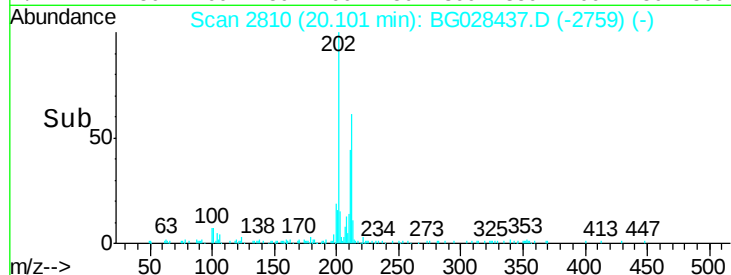
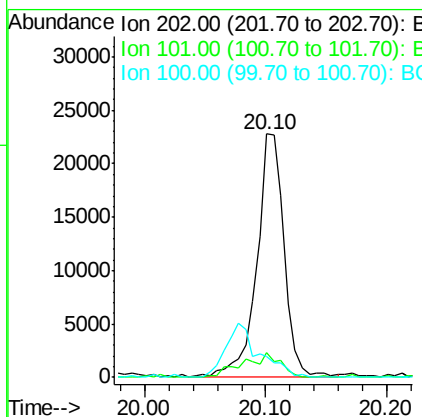
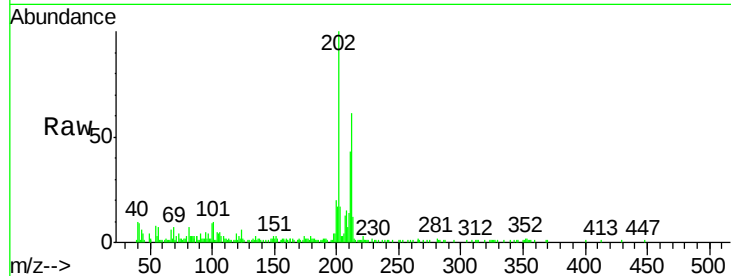
ClientSampleId :

E7GB3

Tgt Ion:	202	Resp:	36203
Ion Ratio	Lower	Upper	
202	100		
101	10.3	6.9	10.3
100	8.8	6.6	10.0

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#82

Chrysene

Concen: 1.485 ng/ul

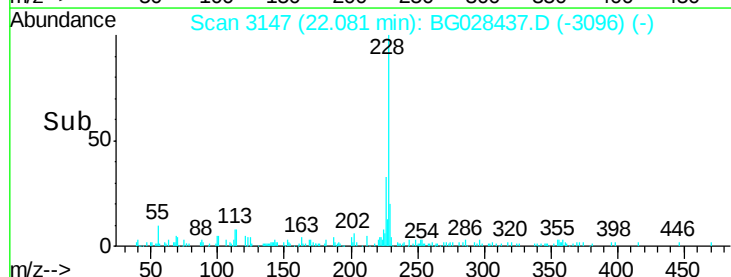
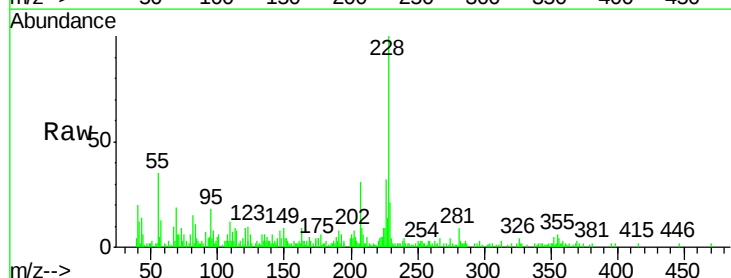
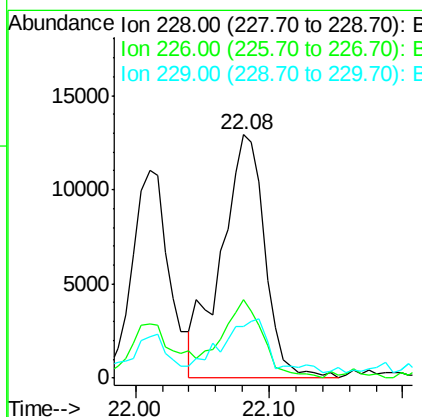
RT: 22.08 min Scan# 3147

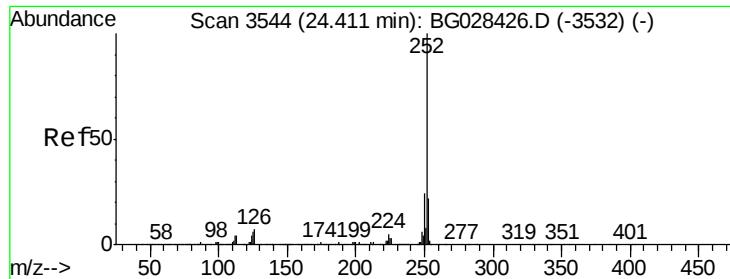
Delta R.T. -0.00 min

Lab File: BG028437.D

Acq: 23 Aug 2017 3:57

Tgt Ion:	228	Resp:	29364
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.0	36.0
229	21.2	16.9	25.3





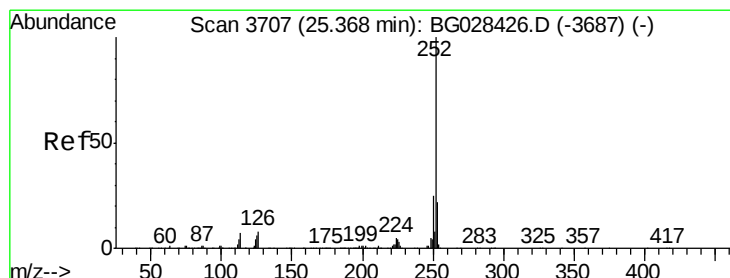
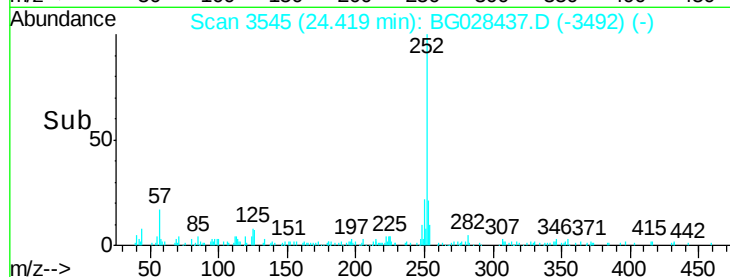
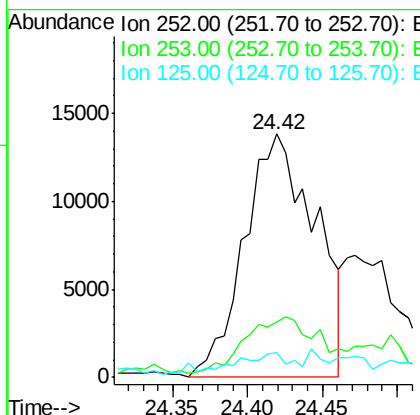
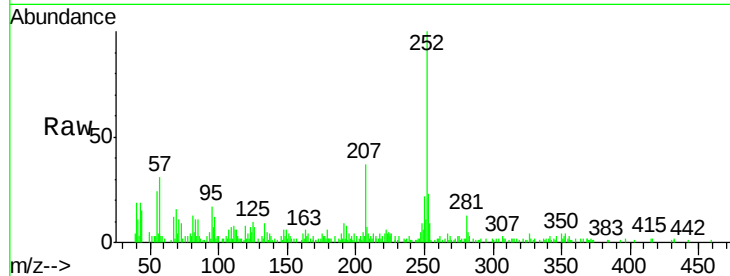
#85
Benzo(b)fluoranthene
Concen: 1.992 ng/ul
RT: 24.42 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG028437.D
Acq: 23 Aug 2017 3:57

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	45649		
253	22.8	17.7	26.5	
125	10.0	4.0	6.0	

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#88
Benzo(a)pyrene
Concen: 1.256 ng/ul
RT: 25.38 min Scan# 3708
Delta R.T. 0.01 min
Lab File: BG028437.D
Acq: 23 Aug 2017 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	27878		
253	29.0	17.8	26.6	
125	13.1	5.4	8.0	

