

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028440.D
 Acq On : 23 Aug 2017 5:56
 Operator : SJ/JU
 Sample : I4713-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GD2

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:46 PM

Quant Time: Aug 23 09:17:50 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	8.35	152	49123	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	226802	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	154895	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	350127	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	403853	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	394012	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	3605	3.42	ng/uL	0.00
5) Phenol-d5	7.50	99	104818	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	59548	17.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	75004	22.04	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	88701	19.67	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	39454	22.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	49310	25.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	95538	23.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	73415	16.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	311953	22.64	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	354249	22.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	24333	11.11	ng/ul	0.01
57) Fluorene-d10	15.94	176	262186	21.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	25250	11.10	ng/ul	0.00
70) Anthracene-d10	17.81	188	394742	23.51	ng/ul	0.00
76) Pyrene-d10	20.08	212	458494	22.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	440260	23.87	ng/ul	0.01

Target Compounds

					Qvalue
6) Phenol	7.52	94	10851	2.024	ng/ul 93
44) Dimethylphthalate	14.39	163	112684	8.883	ng/ul 97
69) Phenanthrene	17.75	178	440057	24.974	ng/ul 99
71) Anthracene	17.83	178	34497m	1.916	ng/ul
72) Carbazole	18.11	167	71586	4.571	ng/ul 94
74) Fluoranthene	19.74	202	1229690	57.425	ng/ul 100
77) Pyrene	20.11	202	950636	39.455	ng/ul 99
80) Benzo(a)anthracene	22.02	228	377620	16.183	ng/ul 99
81) Bis(2-ethylhexyl)phthalate	21.87	149	12894	1.004	ng/ul# 92
82) Chrysene	22.09	228	529432	25.193	ng/ul 98
85) Benzo(b)fluoranthene	24.43	252	711384	30.171	ng/ul# 97
86) Benzo(k)fluoranthene	24.49	252	248555m	10.792	ng/ul
88) Benzo(a)pyrene	25.38	252	429322	18.806	ng/ul 99
89) Indeno(1,2,3-cd)pyrene	29.57	276	303048	11.336	ng/ul# 97
90) Dibenzo(a,h)anthracene	29.63	278	63441	2.831	ng/ul# 96
91) Benzo(g,h,i)perylene	30.85	276	269295	12.244	ng/ul 94

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

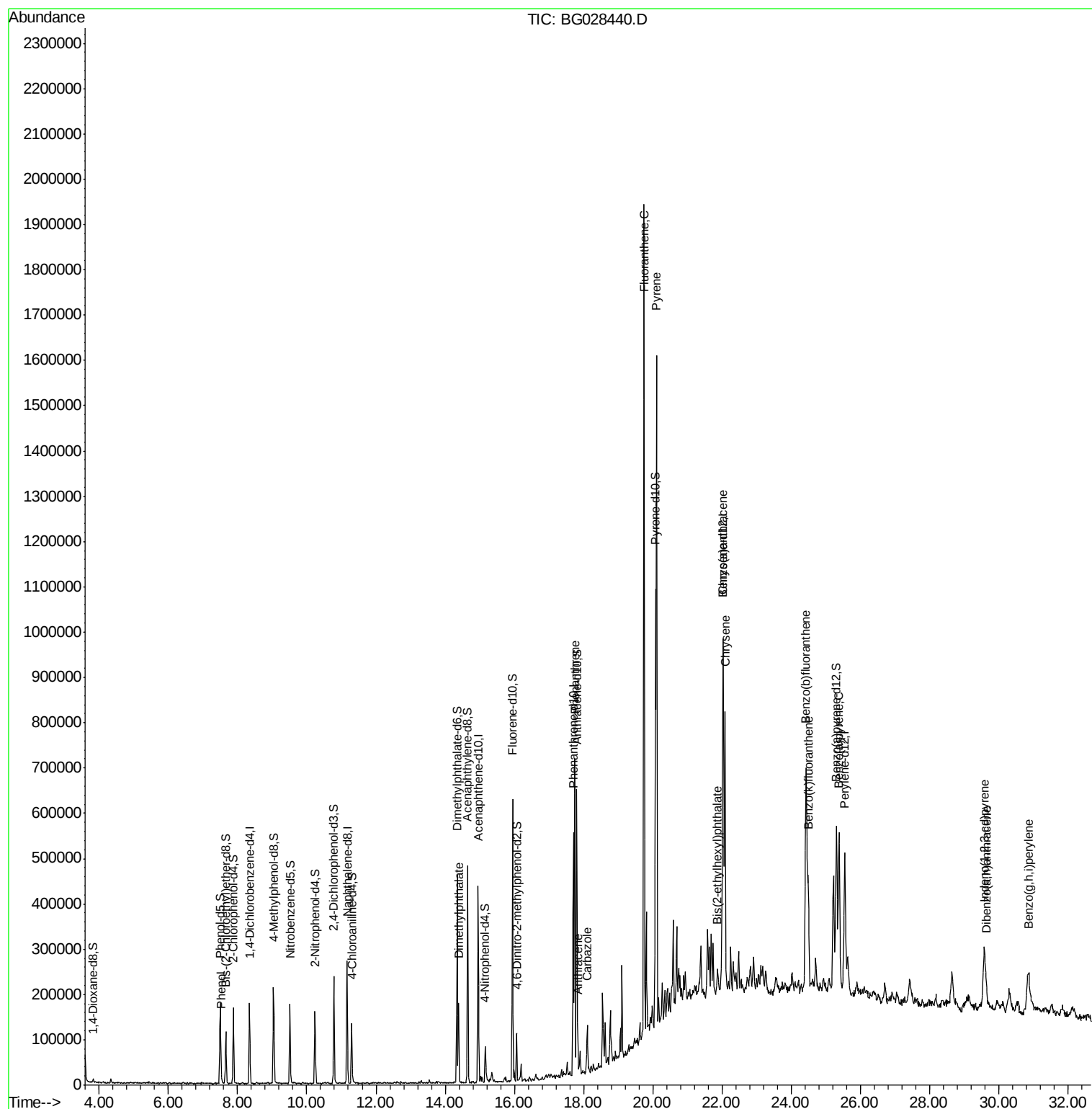
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

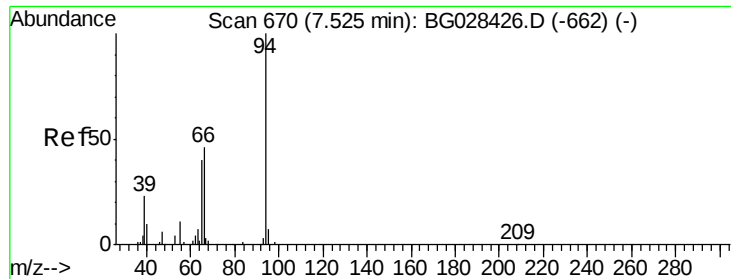
Instrument :
BNA_G
ClientSampleId :
E7GD2

Manual Integrations
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Quant Time: Aug 23 09:17:50 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





#6

Phenol

Concen: 2.024 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Instrument :

BNA_G

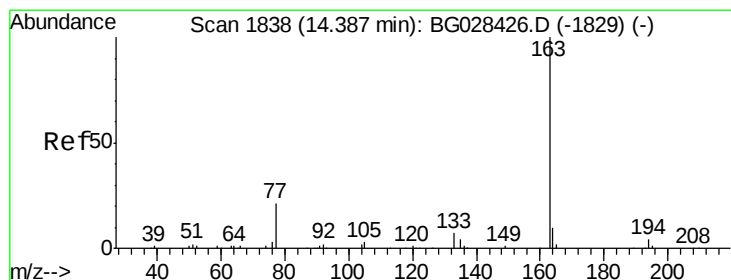
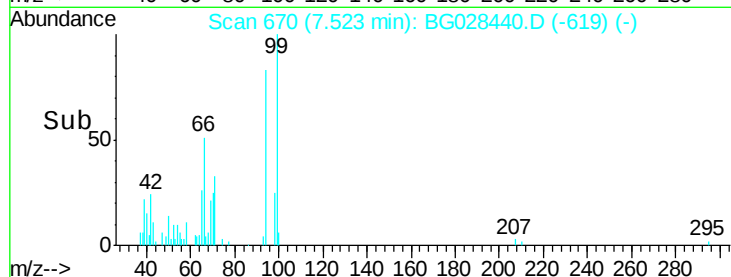
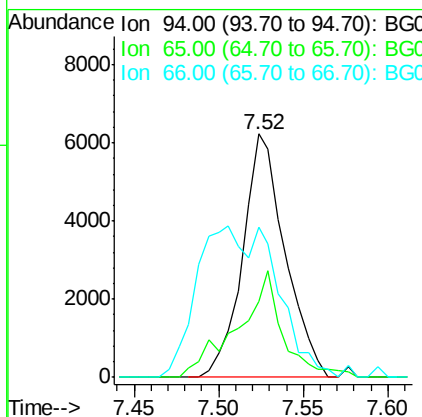
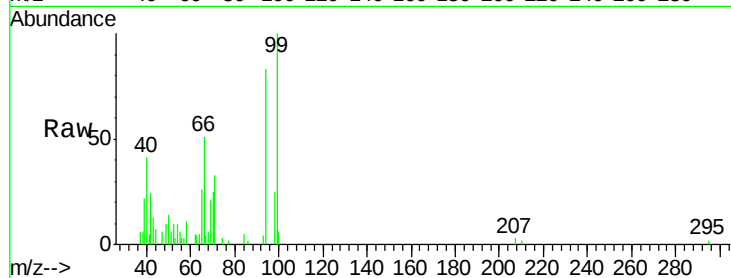
ClientSampled :

E7GD2

Tgt Ion:	94	Resp:	10851
Ion Ratio	Lower	Upper	
94	100		
65	31.1	26.8	40.2
66	61.8	44.4	66.6

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#44

Dimethylphthalate

Concen: 8.883 ng/ul

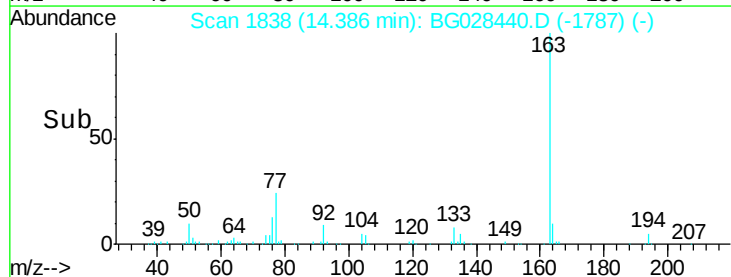
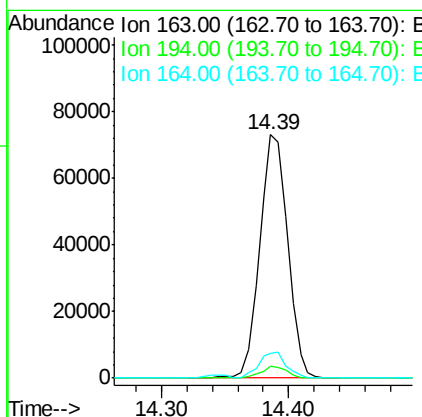
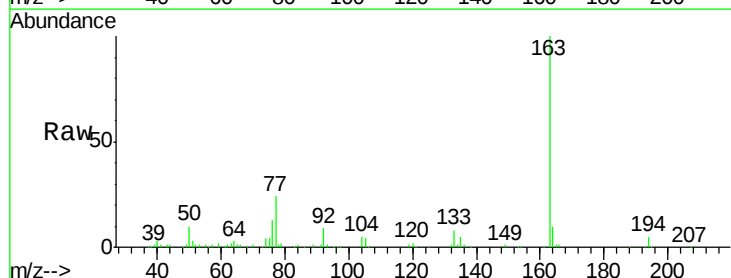
RT: 14.39 min Scan# 1838

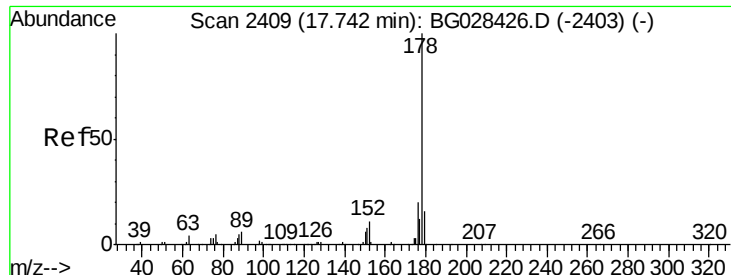
Delta R.T. -0.00 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Tgt Ion:	163	Resp:	112684
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.0
164	9.9	9.0	13.4





#69

Phenanthrene

Concen: 24.974 ng/ul

RT: 17.75 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Instrument :

BNA_G

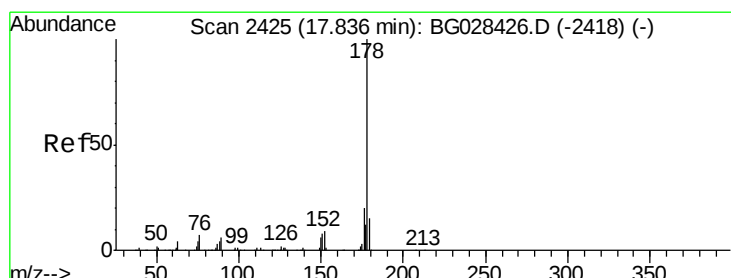
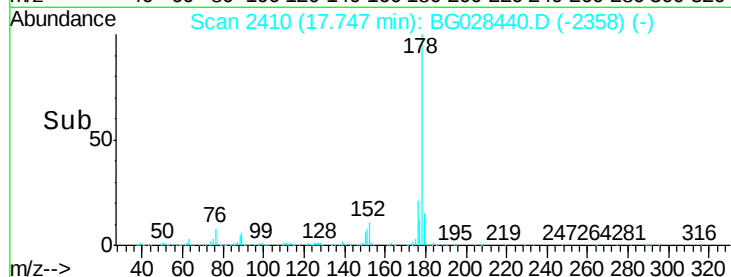
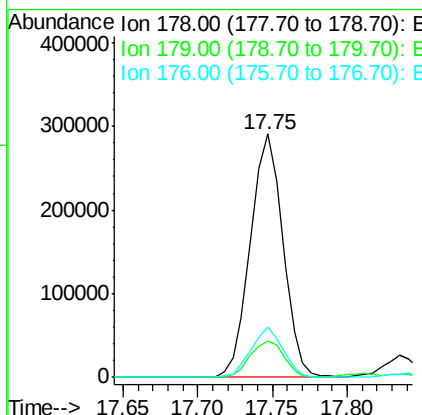
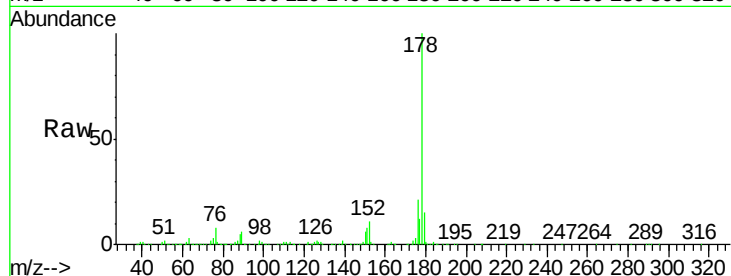
ClientSampleId :

E7GD2

Tgt Ion:	178	Resp:	440057
Ion Ratio		Lower	Upper
178	100		
179	14.7	12.4	18.6
176	20.8	16.5	24.7

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#71

Anthracene

Concen: 1.916 ng/ul m

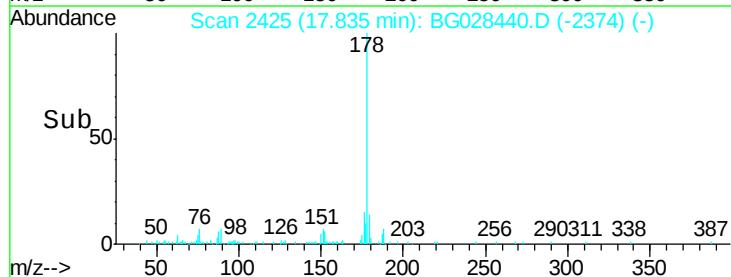
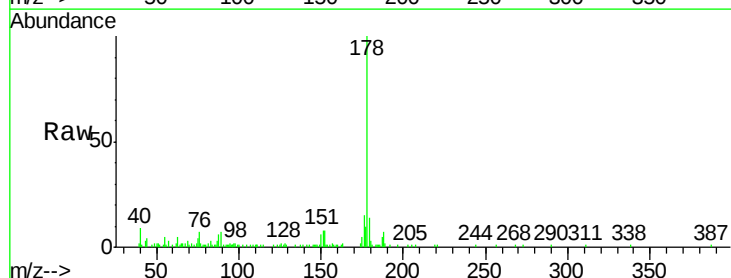
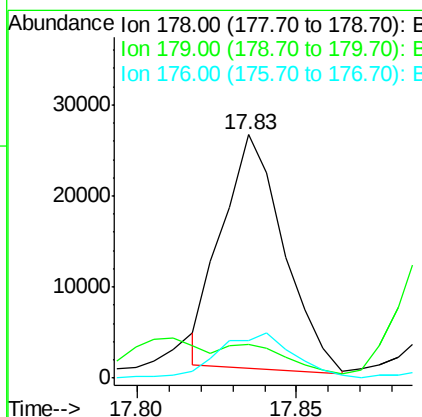
RT: 17.83 min Scan# 2425

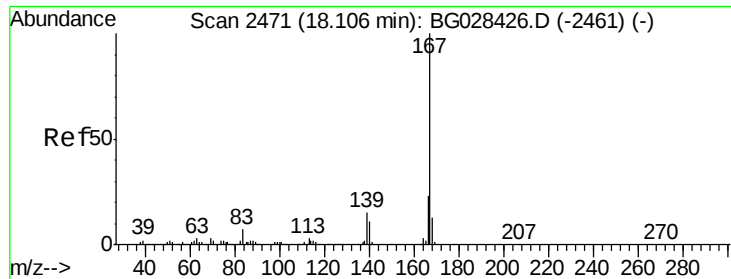
Delta R.T. -0.00 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Tgt Ion:	178	Resp:	34497
Ion Ratio		Lower	Upper
178	100		
179	13.8	12.6	19.0
176	15.3	15.9	23.9#





#72

Carbazole

Concen: 4.571 ng/ul

RT: 18.11 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Instrument :

BNA_G

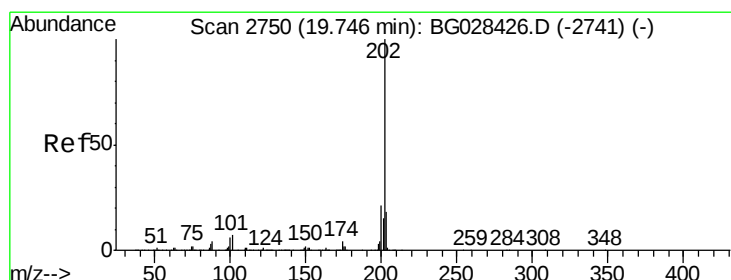
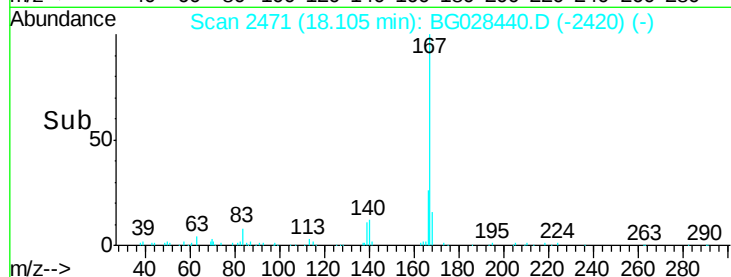
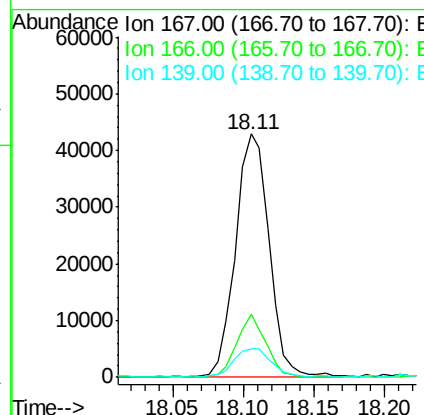
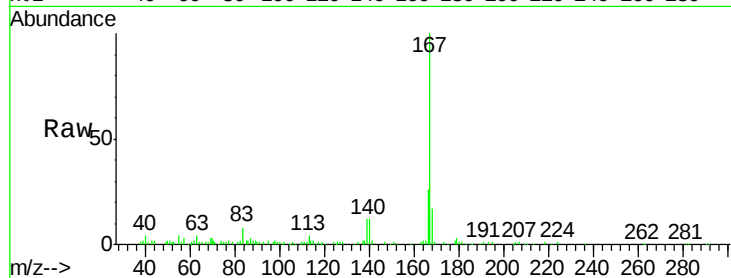
ClientSampled :

E7GD2

Tgt Ion:	167	Resp:	71586
Ion Ratio		Lower	Upper
167	100		
166	25.7	17.9	26.9
139	11.8	10.5	15.7

Manual Integrations
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#74

Fluoranthene

Concen: 57.425 ng/ul

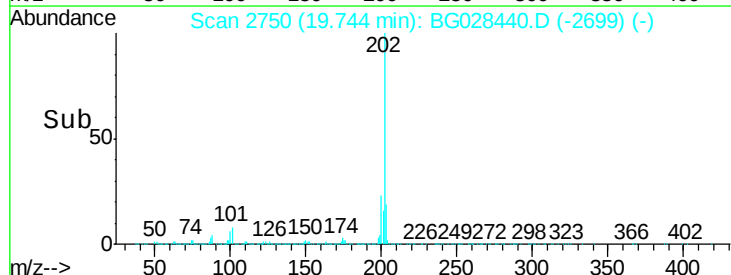
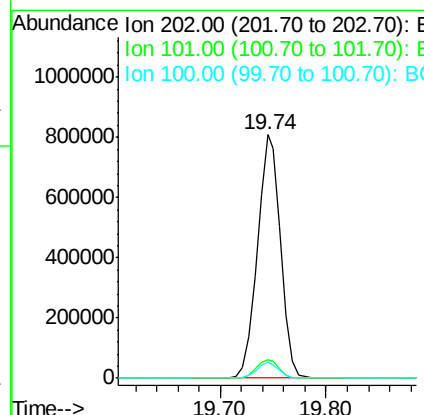
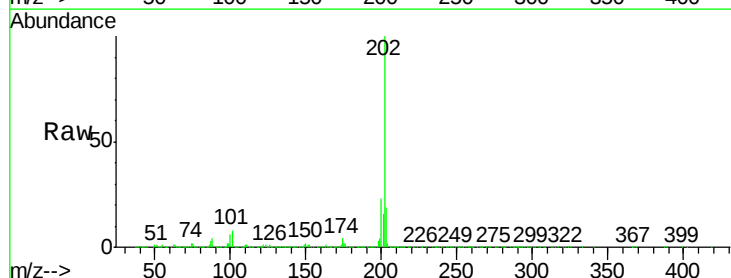
RT: 19.74 min Scan# 2750

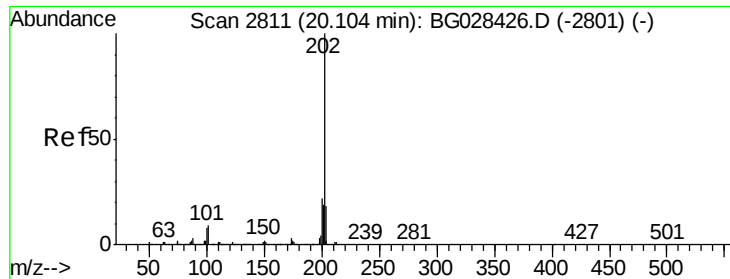
Delta R.T. -0.00 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Tgt Ion:	202	Resp:	1229690
Ion Ratio		Lower	Upper
202	100		
101	7.8	6.2	9.2
100	6.4	5.2	7.8





#77

Pyrene

Concen: 39.455 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Instrument :

BNA_G

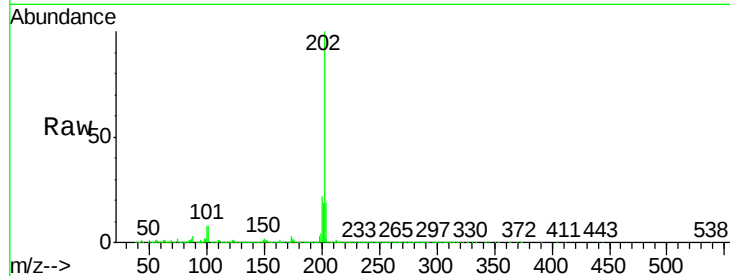
ClientSampleId :

E7GD2

Tgt Ion:	202	Resp:	950636
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.9	10.3
100	7.6	6.6	10.0

Manual Integrations
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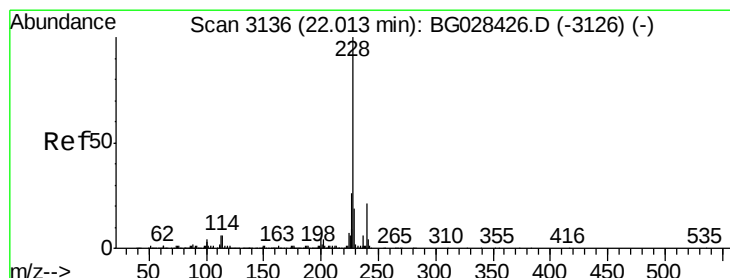
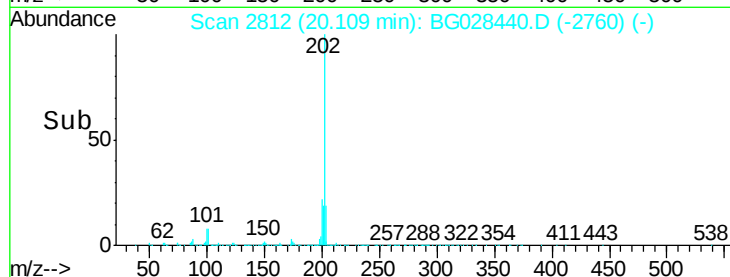
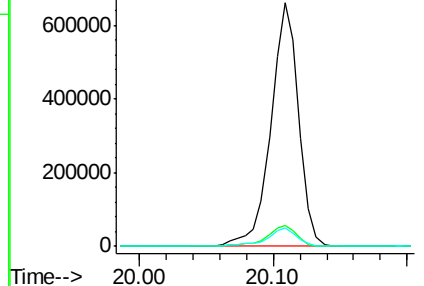
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 16.183 ng/ul

RT: 22.02 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG028440.D

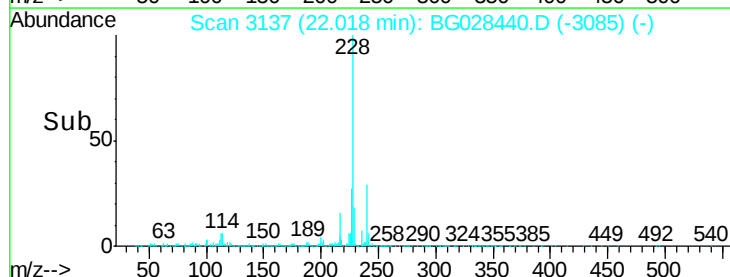
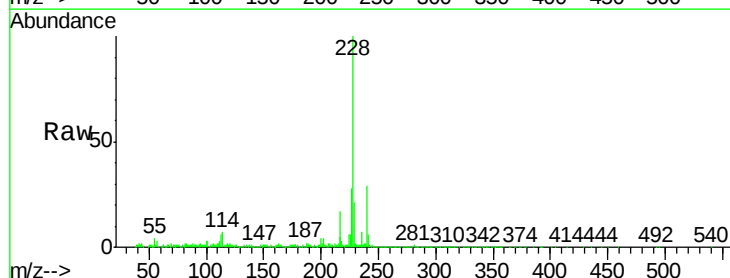
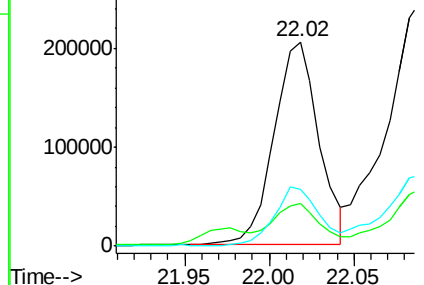
Acq: 23 Aug 2017 5:56

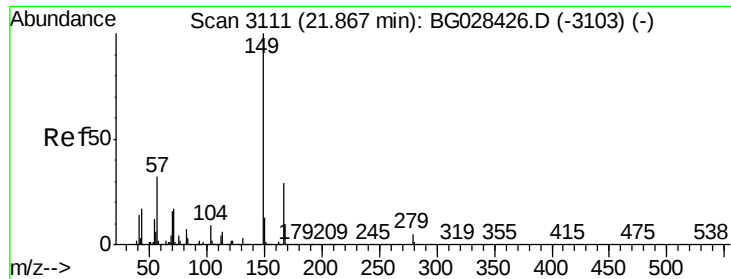
Tgt Ion:	228	Resp:	377620
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.3	24.5
226	28.0	21.9	32.9

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.004 ng/ul

RT: 21.87 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Instrument :

BNA_G

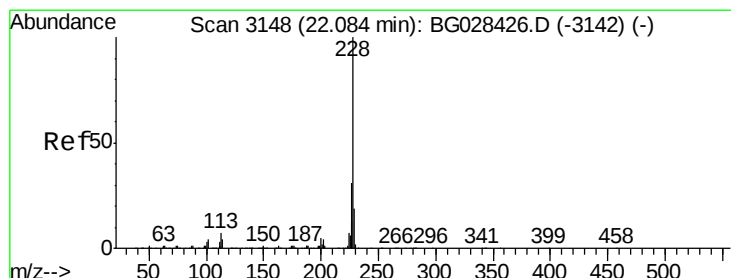
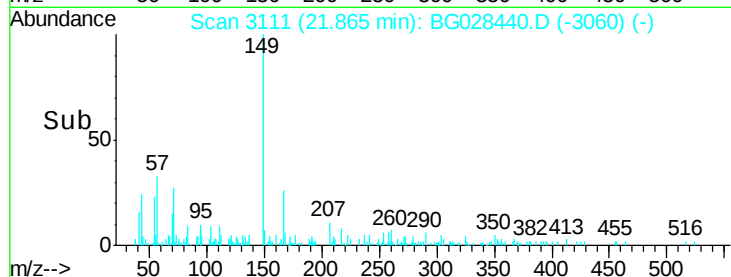
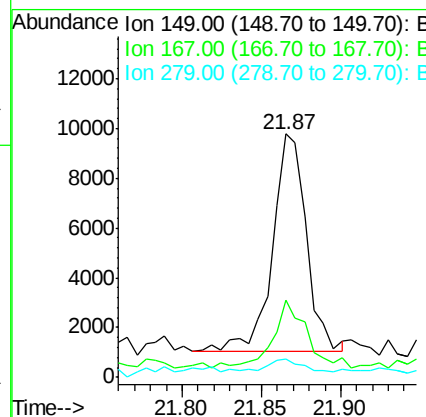
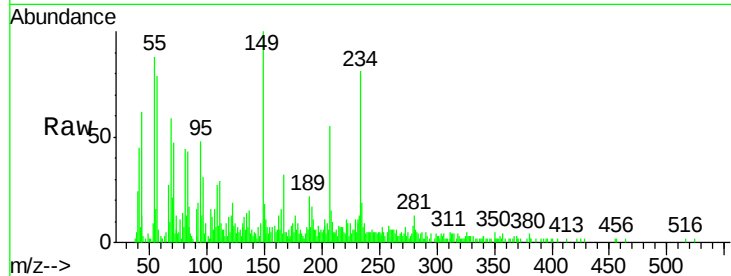
ClientSampleId :

E7GD2

Tgt Ion:	149	Resp:	12894
Ion Ratio	Lower	Upper	
149	100		
167	31.6	21.8	32.8
279	7.7	4.5	6.7#

Manual Integrations
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#82

Chrysene

Concen: 25.193 ng/ul

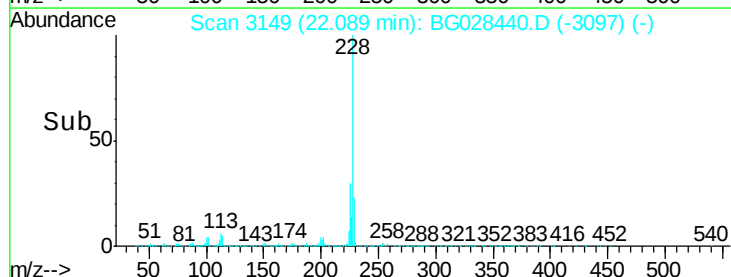
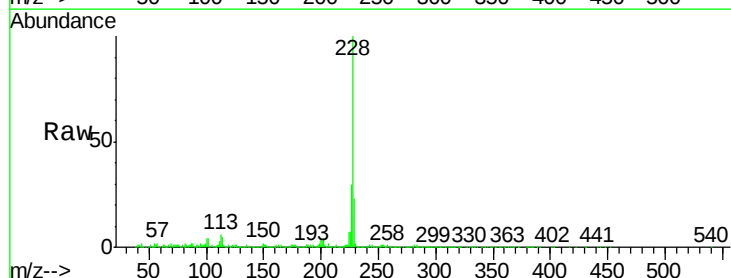
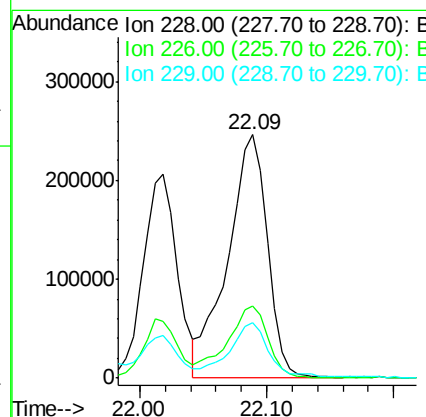
RT: 22.09 min Scan# 3149

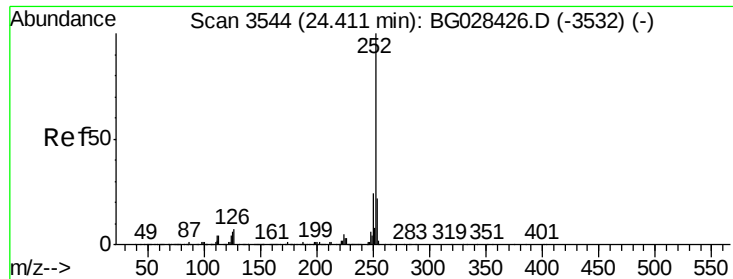
Delta R.T. 0.00 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Tgt Ion:	228	Resp:	529432
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	22.9	16.9	25.3





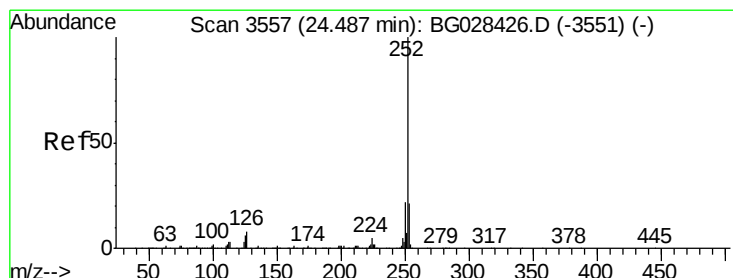
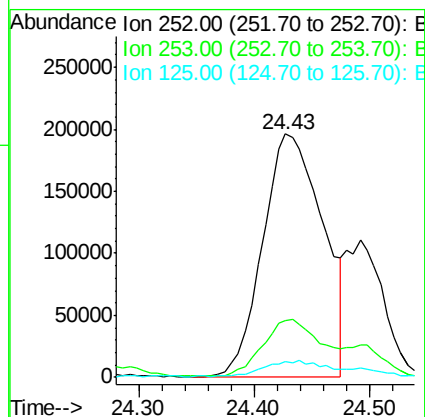
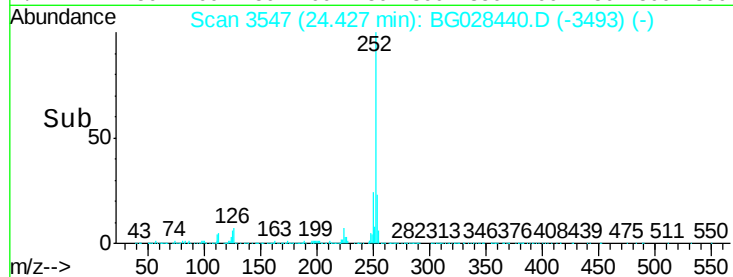
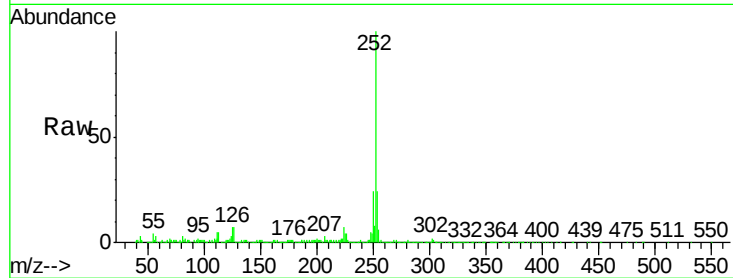
#85
Benzo(b)fluoranthene
Concen: 30.171 ng/ul
RT: 24.43 min Scan# 3547
Delta R.T. 0.02 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampled :
E7GD2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	6.5	4.0	6.0

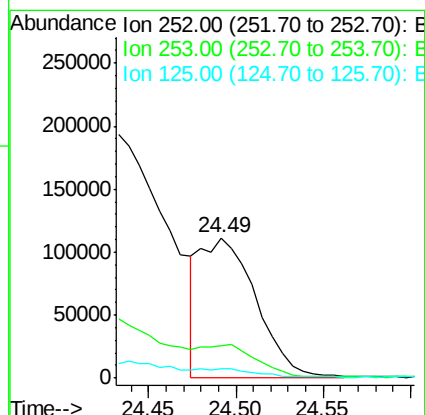
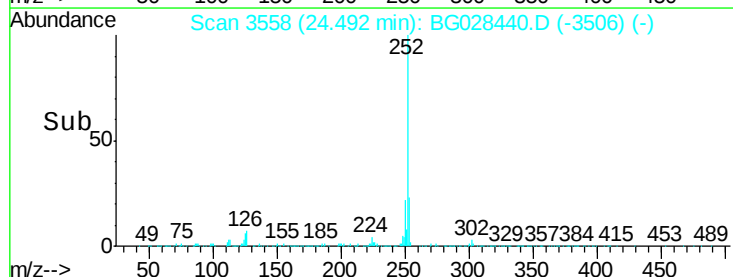
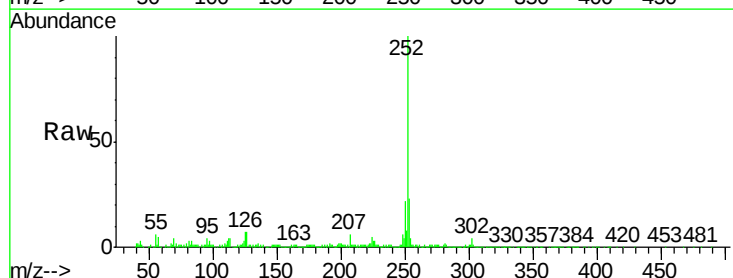
Manual Integrations
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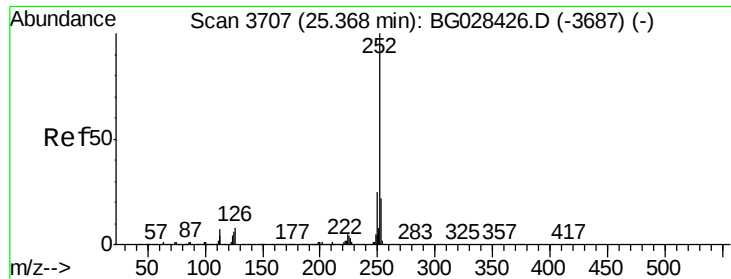
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#86
Benzo(k)fluoranthene
Concen: 10.792 ng/ul m
RT: 24.49 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	6.6	4.1	6.1





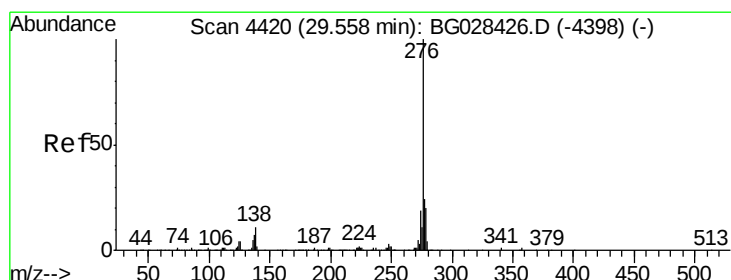
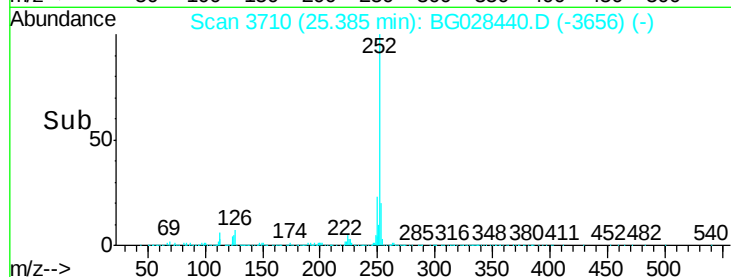
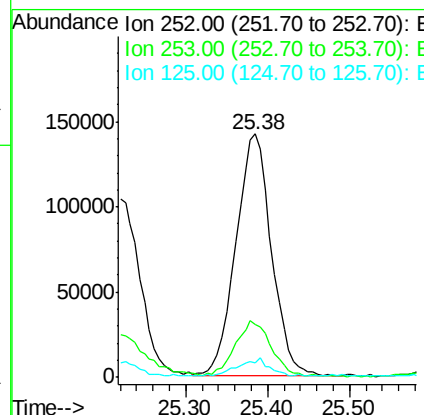
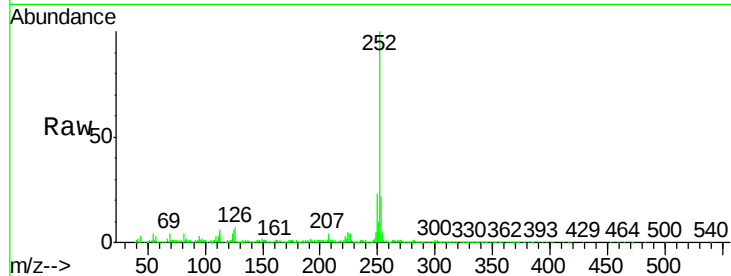
#88
Benzo(a)pyrene
Concen: 18.806 ng/ul
RT: 25.38 min Scan# 3710
Delta R.T. 0.02 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Instrument :
BNA_G
ClientSampleId :
E7GD2

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.8	26.6
125	6.0	5.4	8.0

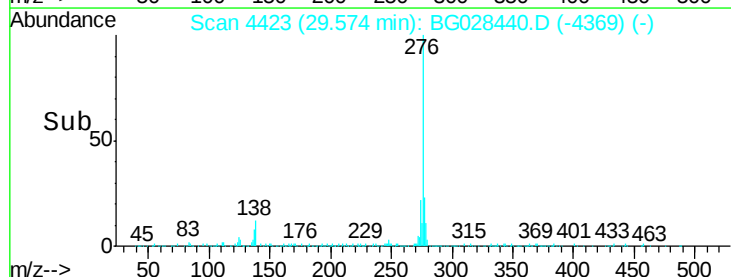
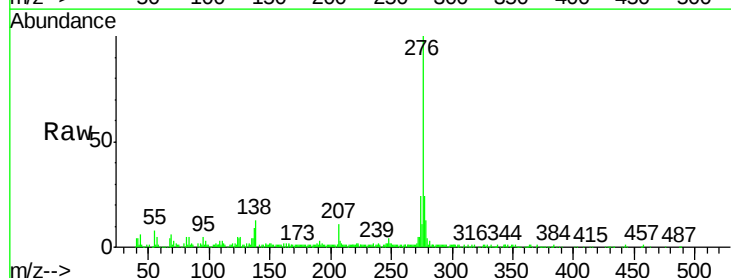
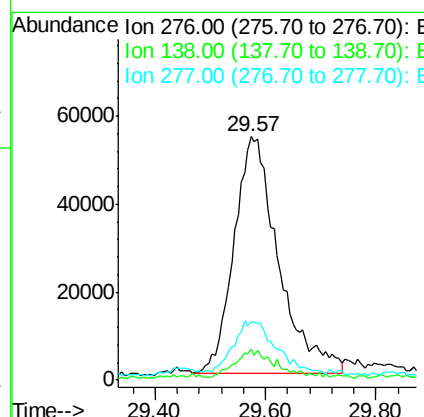
Manual Integrations
APPROVED

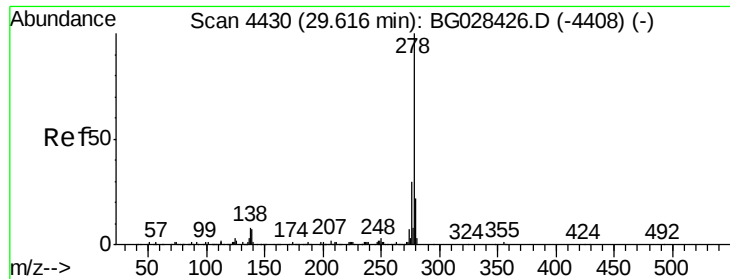
Sohil
8/23/2017 3:02:46 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 11.336 ng/ul
RT: 29.57 min Scan# 4423
Delta R.T. 0.02 min
Lab File: BG028440.D
Acq: 23 Aug 2017 5:56

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	12.6	8.2	12.4#
277	23.9	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 2.831 ng/ul

RT: 29.63 min Scan# 4433

Delta R.T. 0.02 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Instrument :

BNA_G

ClientSampleId :

E7GD2

Tgt Ion: 278 Resp: 63441

Ion Ratio Lower Upper

278 100

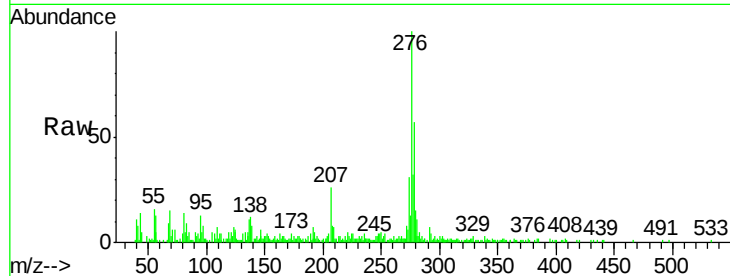
139 13.5 6.7 10.1#

279 26.8 20.9 31.3

Manual Integrations
APPROVED

Sohil

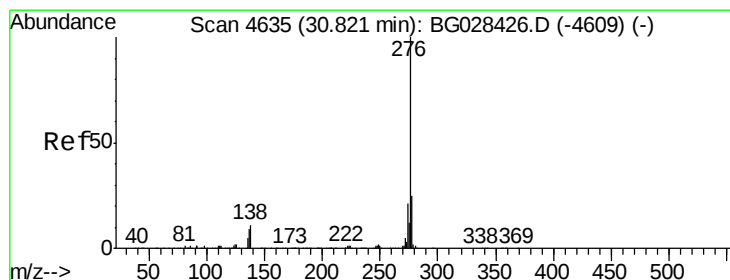
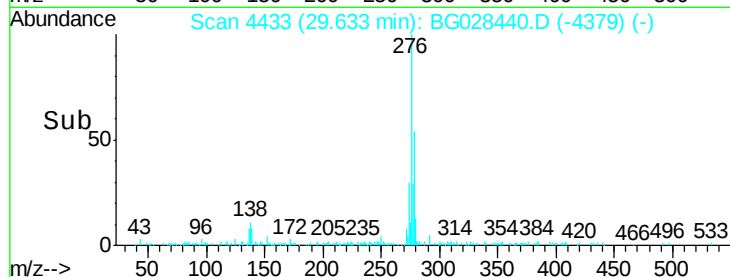
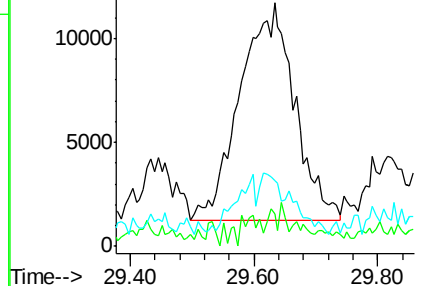
8/23/2017 3:02:46 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 12.244 ng/ul

RT: 30.85 min Scan# 4640

Delta R.T. 0.03 min

Lab File: BG028440.D

Acq: 23 Aug 2017 5:56

Tgt Ion: 276 Resp: 269295

Ion Ratio Lower Upper

276 100

138 12.4 8.6 12.8

277 25.5 17.6 26.4

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

