

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
 Data File : BG028499.D
 Acq On : 25 Aug 2017 20:22
 Operator : SJ/JU
 Sample : I4885-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AR6

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:16:48 PM

Quant Time: Aug 26 02:30:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 26 01:54:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	43712	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	184463	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	125734	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	290816m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	343576	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	342376	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	3810	4.06	ng/uL	0.00
5) Phenol-d5	7.49	99	95028	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	57899	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	69822	23.05	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	75009	18.69	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	37491	25.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	44111	27.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	83346	25.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	69323	19.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	281529	25.17	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	318821	25.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	36650	20.61	ng/ul	0.00
57) Fluorene-d10	15.94	176	240437	23.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	40581m	21.48	ng/ul	0.00
70) Anthracene-d10	17.80	188	378000	27.11	ng/ul	0.00
76) Pyrene-d10	20.08	212	446691	25.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	440800	27.50	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.53	94	7872	1.650	ng/ul#	88
44) Dimethylphthalate	14.38	163	171991	16.703	ng/ul	99
69) Phenanthrene	17.74	178	86360m	5.901	ng/ul	
71) Anthracene	17.83	178	18974	1.268	ng/ul	97
74) Fluoranthene	19.74	202	159692	8.978	ng/ul	97
77) Pyrene	20.11	202	145674	7.107	ng/ul	96
80) Benzo(a)anthracene	22.01	228	86426	4.354	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.85	149	59408	5.440	ng/ul#	95
82) Chrysene	22.08	228	79655	4.455	ng/ul	98
85) Benzo(b)fluoranthene	24.42	252	91667m	4.474	ng/ul	
86) Benzo(k)fluoranthene	24.45	252	44647m	2.231	ng/ul	
88) Benzo(a)pyrene	25.37	252	75937	3.828	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.55	276	50314m	2.166	ng/ul	
91) Benzo(g,h,i)perylene	30.82	276	39979m	2.092	ng/ul	

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

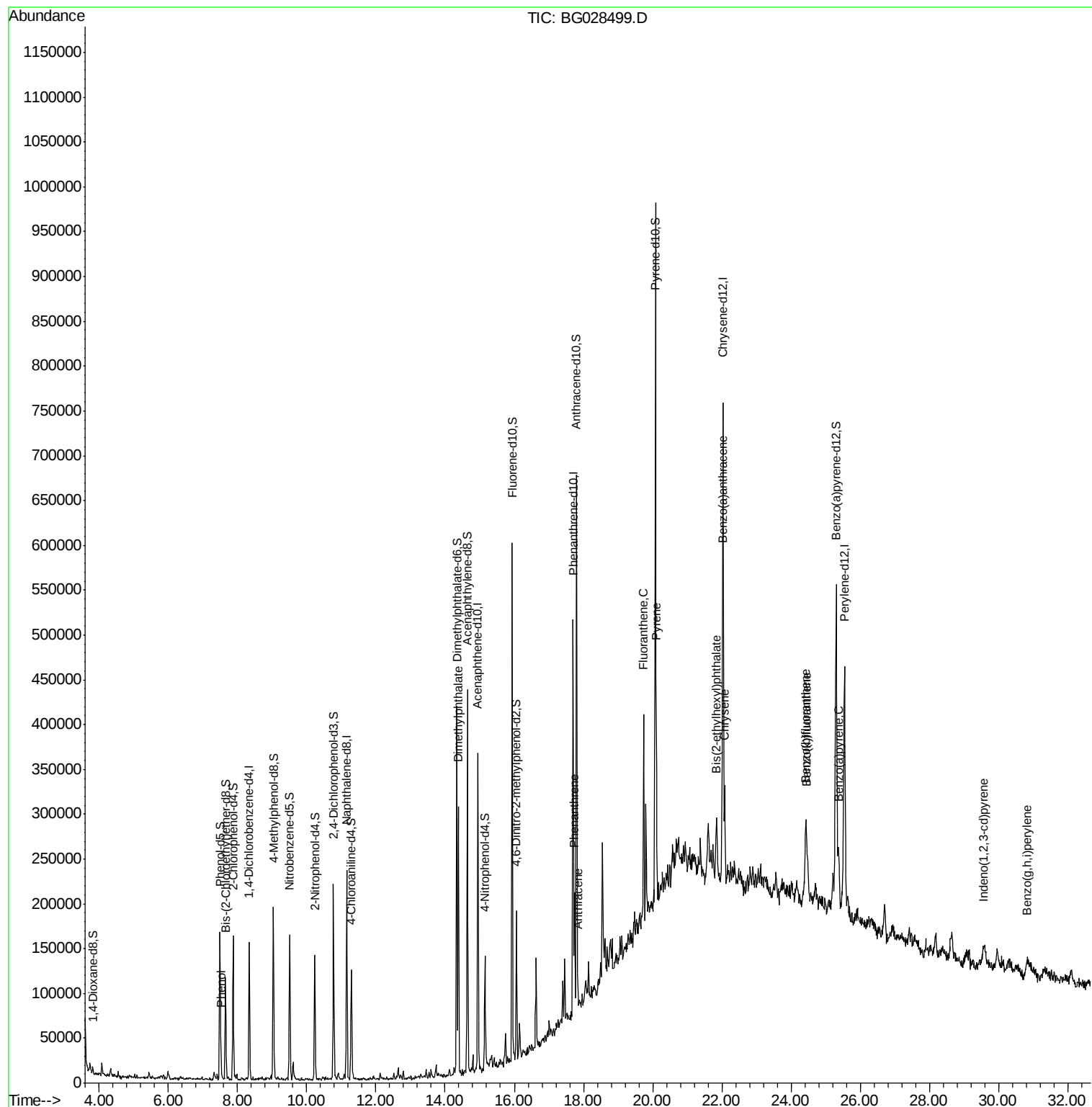
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082517\
Data File : BG028499.D
Acq On : 25 Aug 2017 20:22
Operator : SJ/JU
Sample : I4885-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

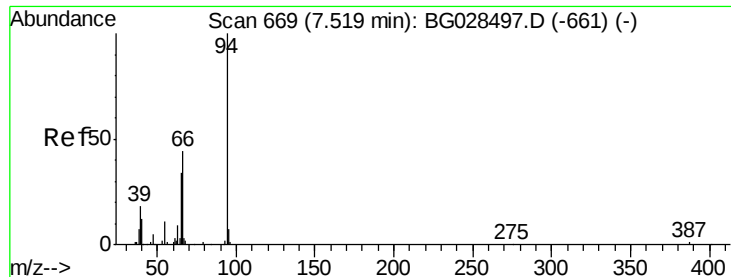
Instrument :
BNA_G
ClientSampleId :
B0AR6

Manual Integrations
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Quant Time: Aug 26 02:30:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.650 ng/ul

RT: 7.53 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Instrument :

BNA_G

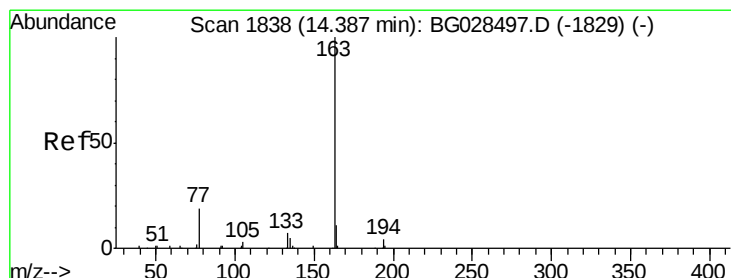
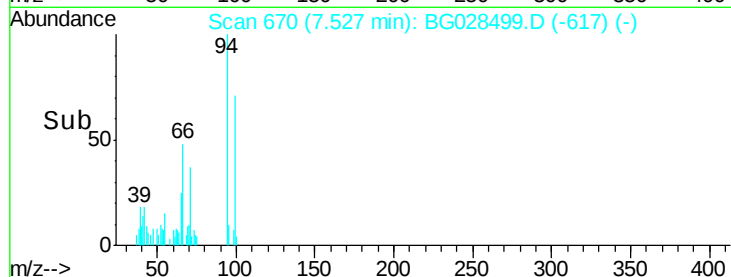
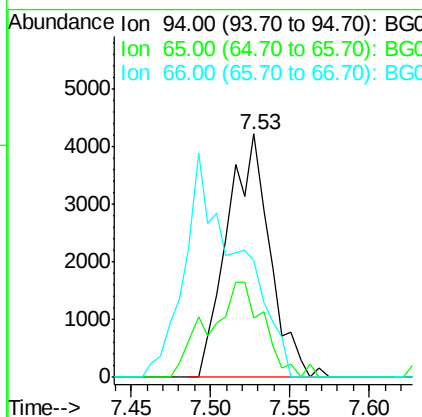
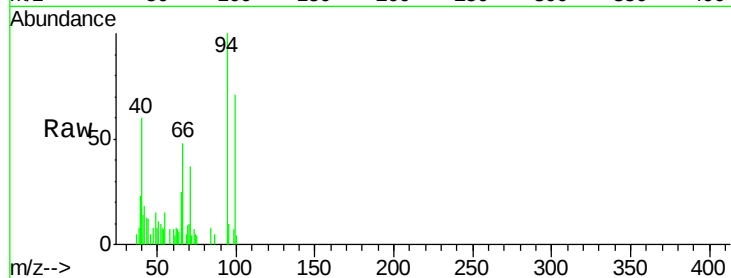
ClientSampled :

B0AR6

Tgt Ion:	94	Resp:	7872
Ion	Ratio	Lower	Upper
94	100		
65	24.6	26.8	40.2#
66	47.9	44.4	66.6

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#44

Dimethylphthalate

Concen: 16.703 ng/ul

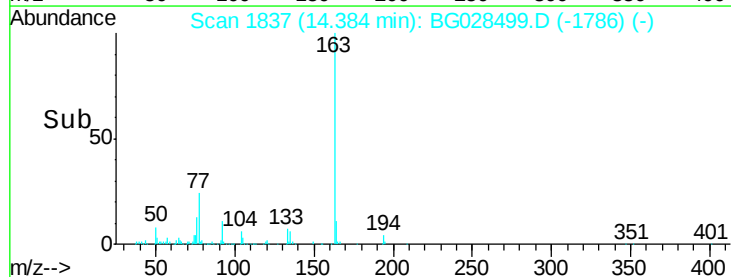
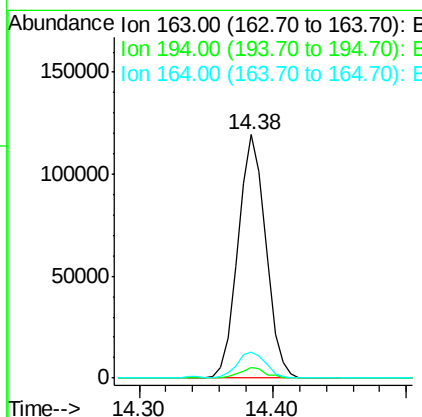
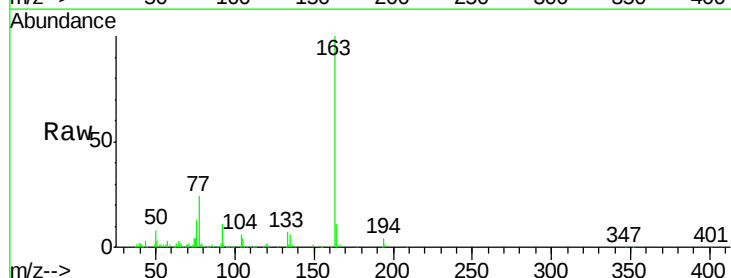
RT: 14.38 min Scan# 1837

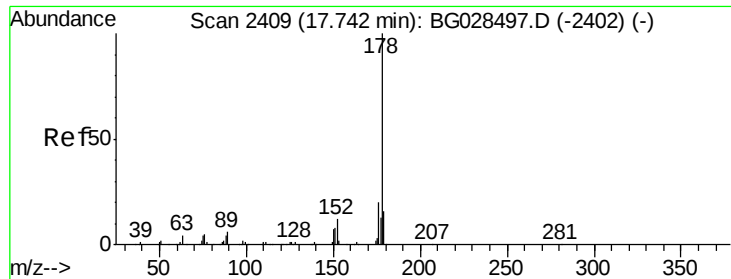
Delta R.T. -0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Tgt Ion:	163	Resp:	171991
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	9.0	13.4





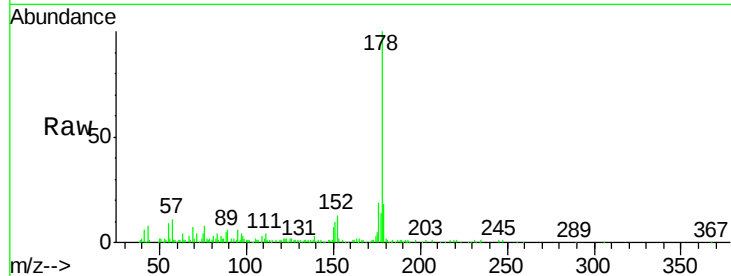
#69
Phenanthrene
Concen: 5.901 ng/ul m
RT: 17.74 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG028499.D
Acq: 25 Aug 2017 20:22

Instrument :
BNA_G
ClientSampleId :
B0AR6

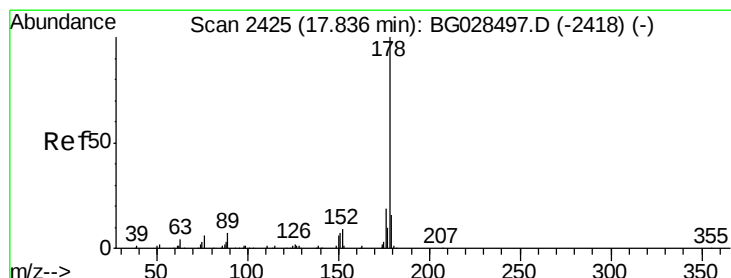
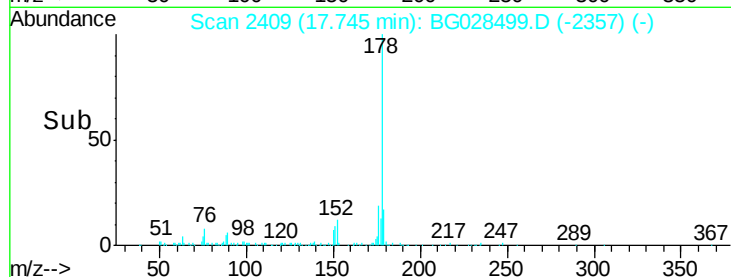
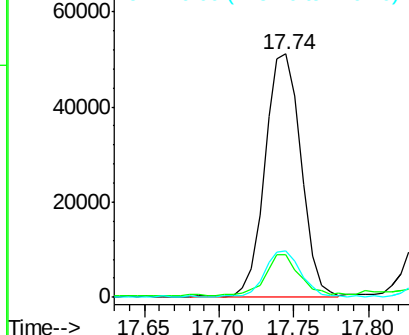
Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.4	18.6
176	19.1	16.5	24.7

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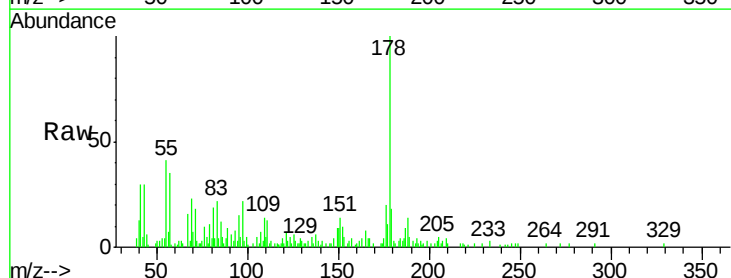


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

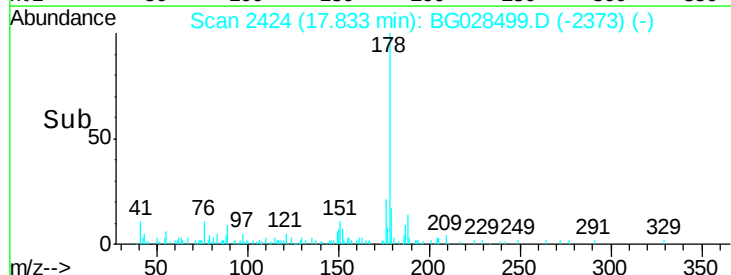
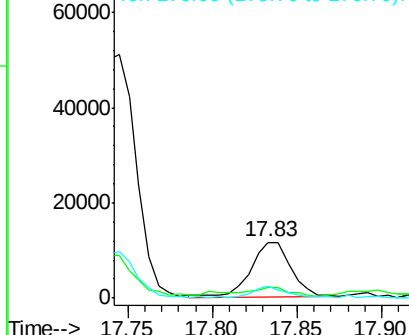


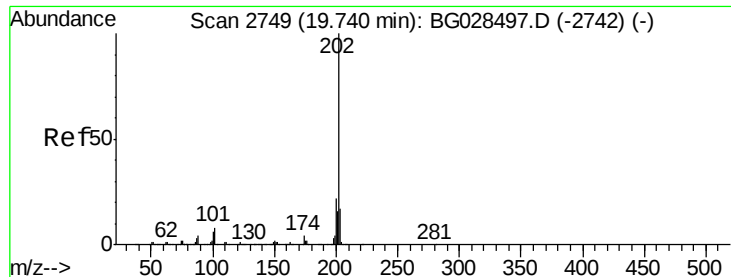
#71
Anthracene
Concen: 1.268 ng/ul
RT: 17.83 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG028499.D
Acq: 25 Aug 2017 20:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.6	19.0
176	20.4	15.9	23.9



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





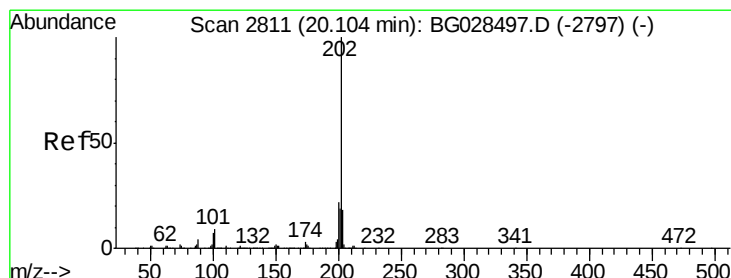
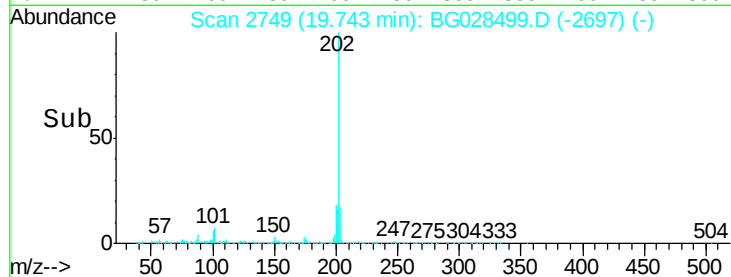
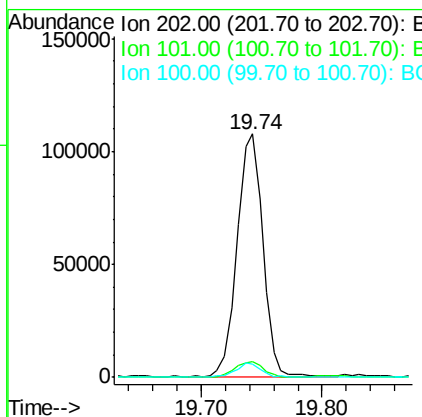
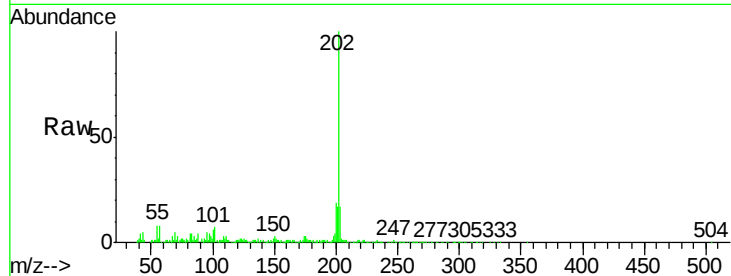
#74
 Fluoranthene
 Concen: 8.978 ng/ul
 RT: 19.74 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: BG028499.D
 Acq: 25 Aug 2017 20:22

Instrument :
 BNA_G
 ClientSampled :
 B0AR6

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	159692		
101	6.7		6.2	9.2
100	5.6		5.2	7.8

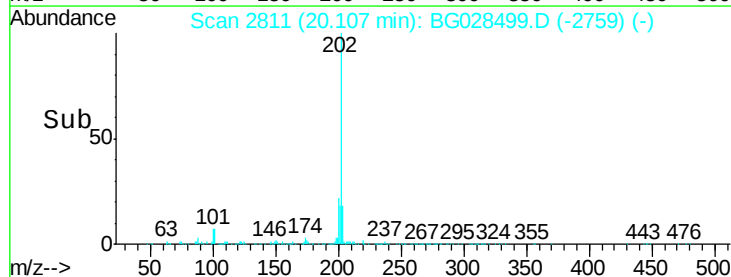
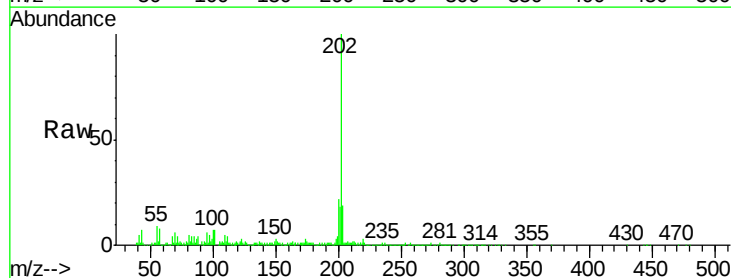
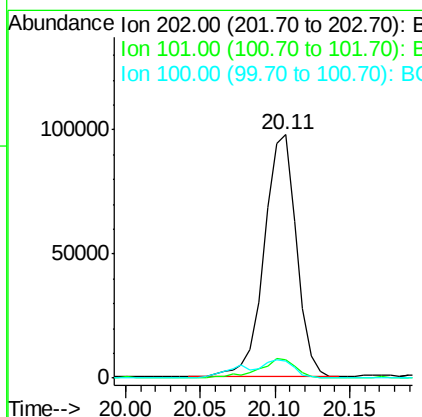
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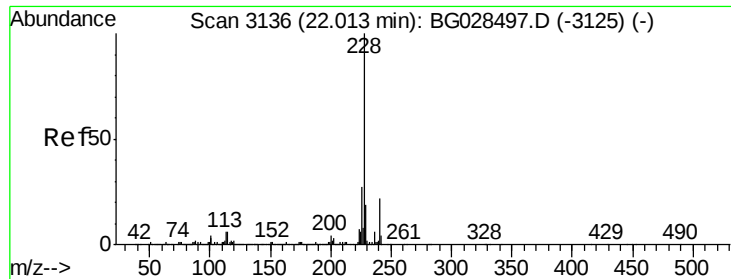
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#77
 Pyrene
 Concen: 7.107 ng/ul
 RT: 20.11 min Scan# 2811
 Delta R.T. 0.00 min
 Lab File: BG028499.D
 Acq: 25 Aug 2017 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	145674		
101	7.5		6.9	10.3
100	6.8		6.6	10.0





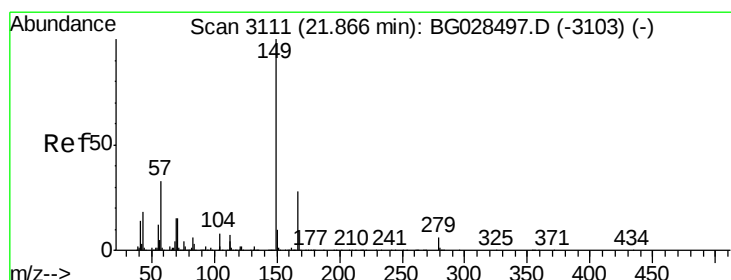
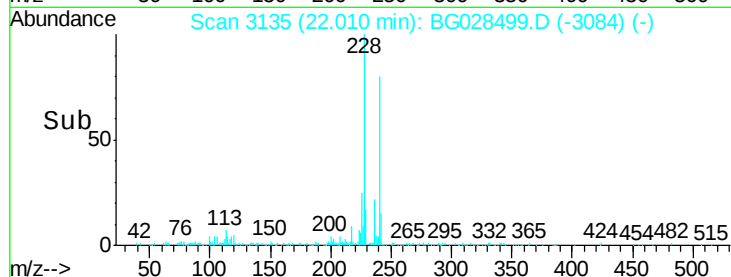
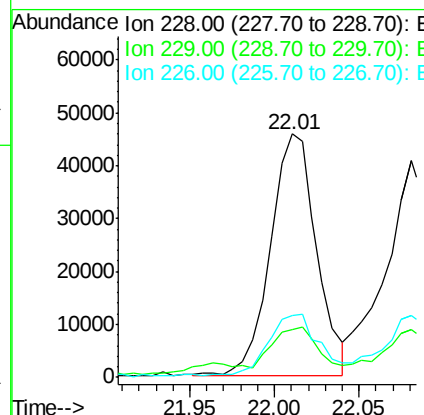
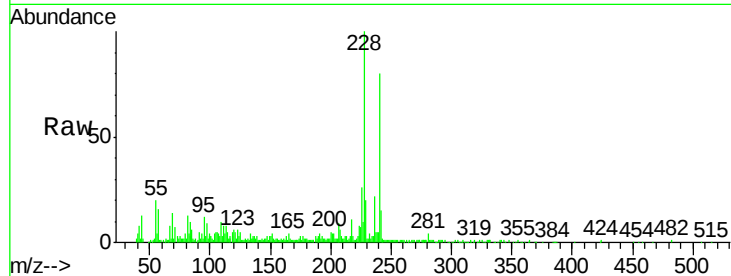
#80
Benzo(a)anthracene
Concen: 4.354 ng/ul
RT: 22.01 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG028499.D
Acq: 25 Aug 2017 20:22

Instrument :
BNA_G
ClientSampleId :
B0AR6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.3	24.5
226	25.6	21.9	32.9

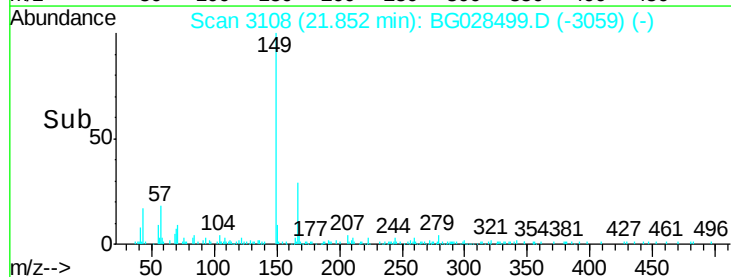
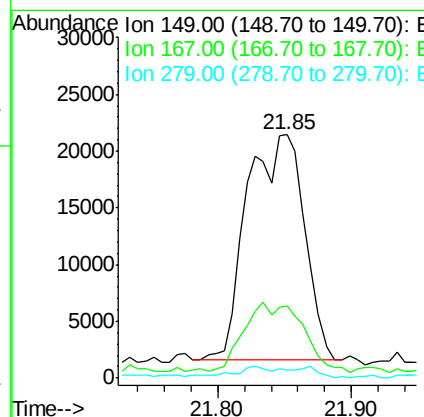
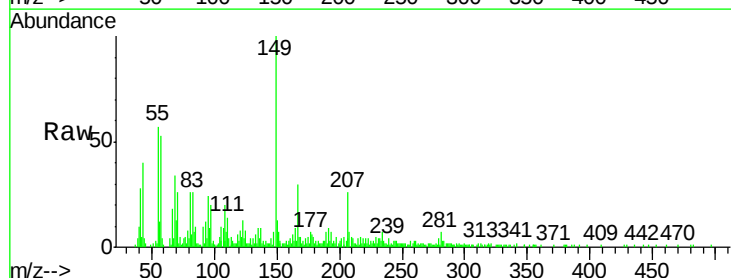
Manual Integrations
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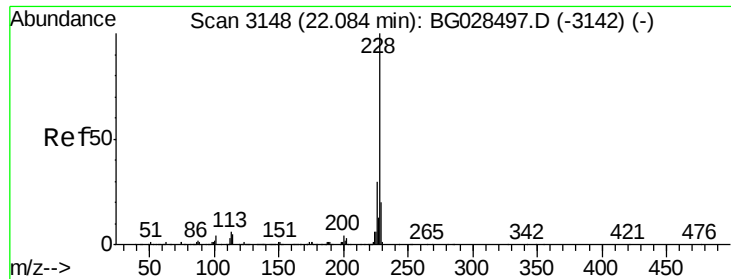
Sohil
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#81
Bis(2-ethylhexyl)phthalate
Concen: 5.440 ng/ul
RT: 21.85 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BG028499.D
Acq: 25 Aug 2017 20:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.8	32.8
279	3.5	4.5	6.7#





#82

Chrysene

Concen: 4.455 ng/ul

RT: 22.08 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Instrument :

BNA_G

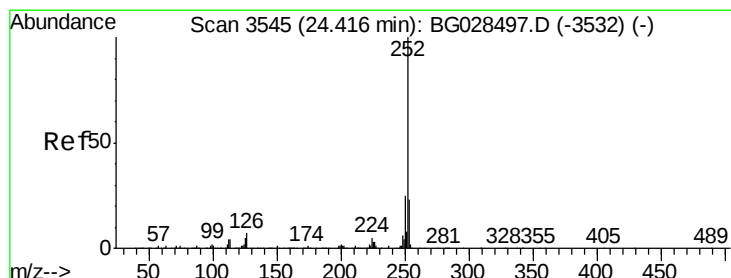
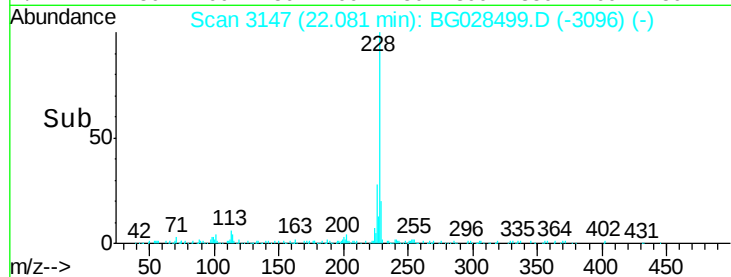
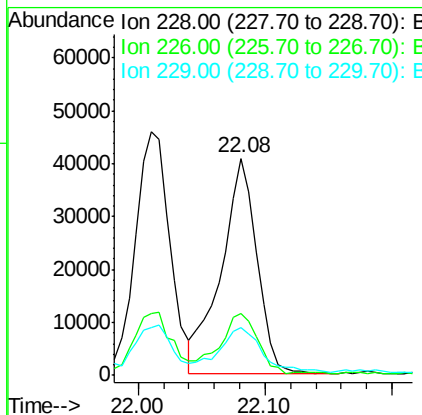
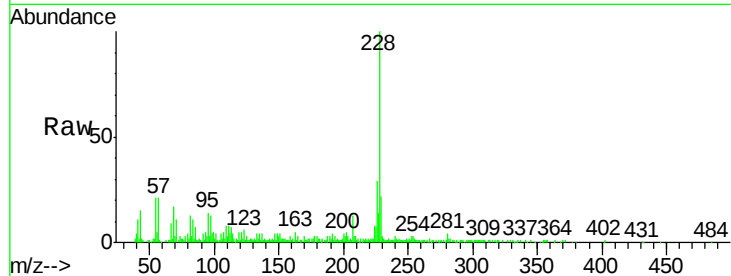
ClientSampleId :

B0AR6

Tgt Ion:	228	Resp:	79655
Ion Ratio	Lower	Upper	
228	100		
226	28.6	24.0	36.0
229	21.9	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 4.474 ng/ul m

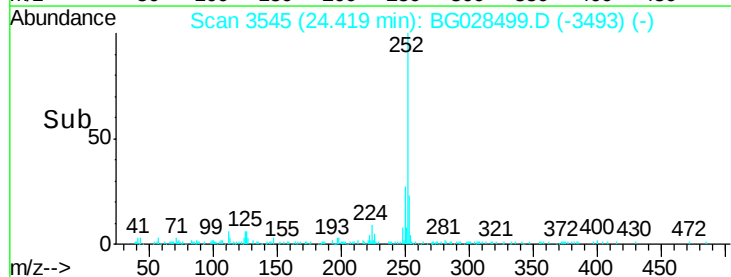
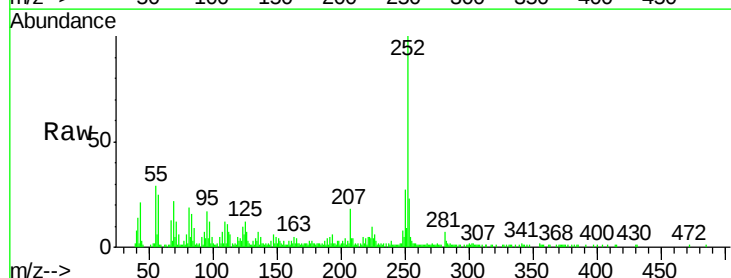
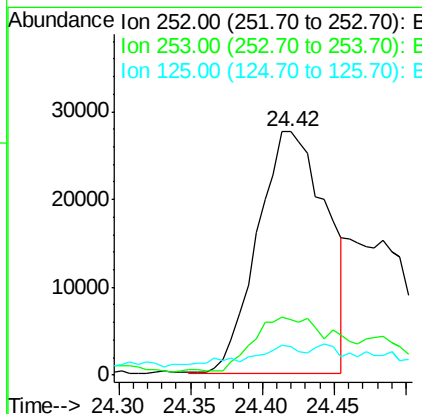
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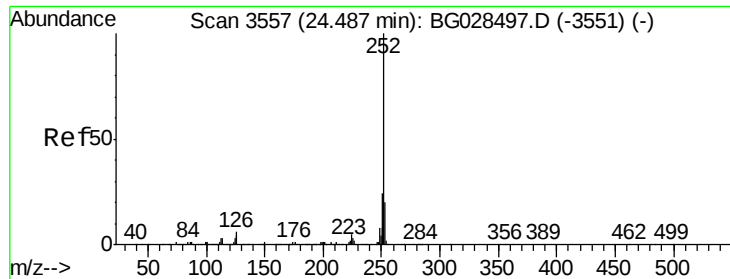
Delta R.T. 0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Tgt Ion:	252	Resp:	91667
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	11.8	4.0	6.0#





#86

Benzo(k)fluoranthene

Concen: 2.231 ng/ul m

RT: 24.45 min Scan# 3551

Delta R.T. -0.03 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Instrument :

BNA_G

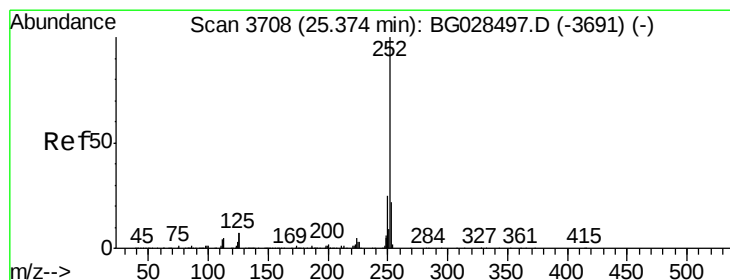
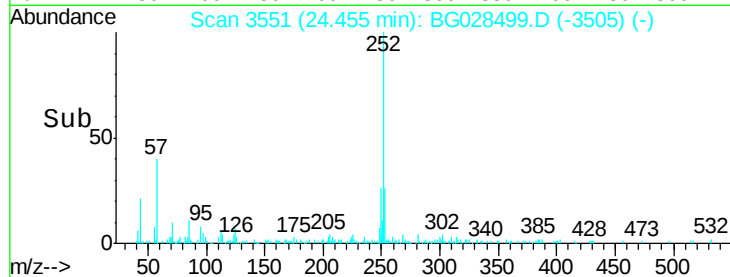
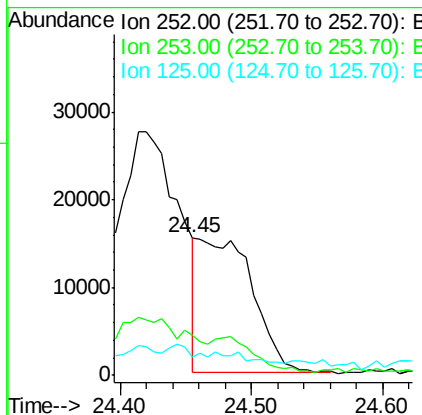
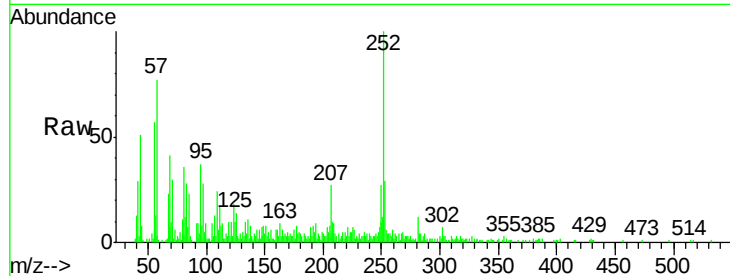
ClientSampled :

B0AR6

Tgt Ion:	252	Resp:	44647
Ion Ratio	Lower	Upper	
252	100		
253	28.7	18.5	27.7#
125	13.8	4.1	6.1#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 3.828 ng/ul

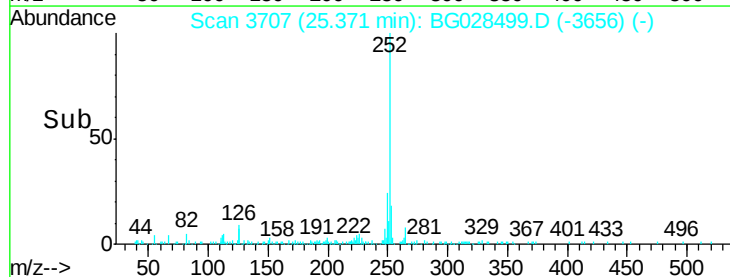
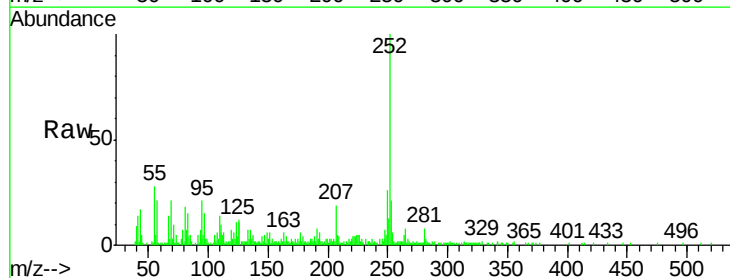
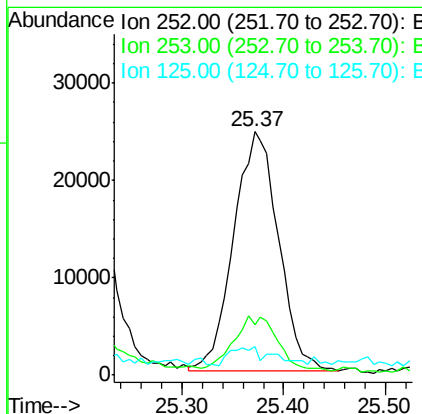
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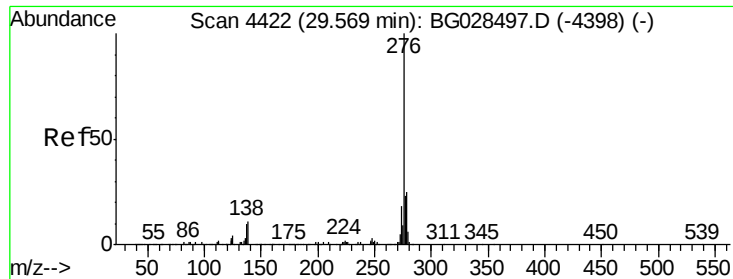
Delta R.T. -0.00 min

Lab File: BG028499.D

Acq: 25 Aug 2017 20:22

Tgt Ion:	252	Resp:	75937
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.8	26.6
125	11.8	5.4	8.0#





#89

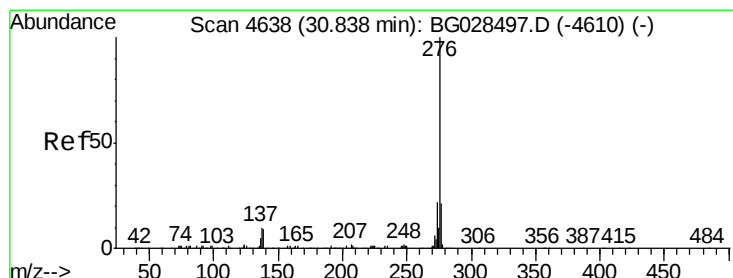
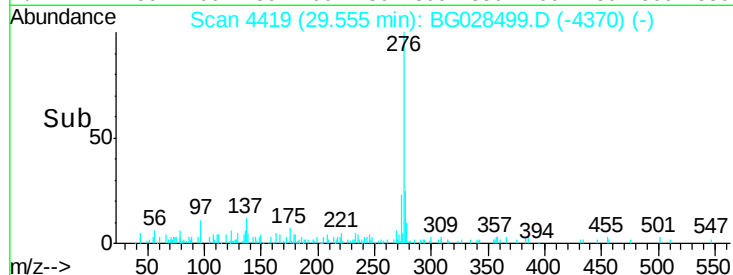
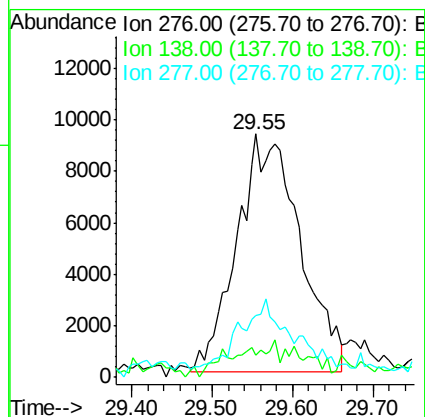
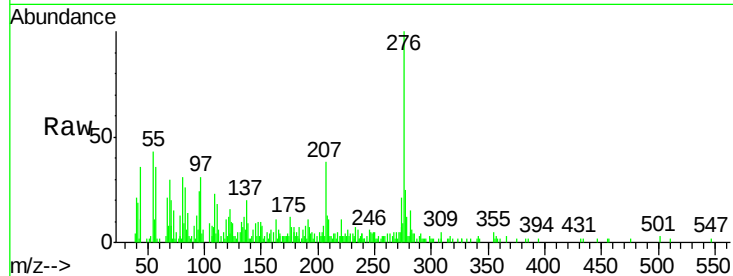
Indeno(1,2,3-cd)pyrene
Concen: 2.166 ng/ul m
RT: 29.55 min Scan# 4419
Delta R.T. -0.01 min
Lab File: BG028499.D
Acq: 25 Aug 2017 20:22

Instrument :
BNA_G
ClientSampleId :
B0AR6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.3	8.2	12.4
277	25.3	18.6	28.0

Manual Integrations
APPROVED

Sohil
8/28/2017 3:16:48 PM



#91

Benzo(g,h,i)perylene
Concen: 2.092 ng/ul m
RT: 30.82 min Scan# 4634
Delta R.T. -0.02 min
Lab File: BG028499.D
Acq: 25 Aug 2017 20:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	8.6	12.8
277	25.5	17.6	26.4

