

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
 Data File : BG046928.D
 Acq On : 16 Oct 2020 13:23
 Operator : CG/JU
 Sample : L4201-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS4

Manual Integrations
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Quant Time: Oct 16 14:02:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 02:00:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	195020	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	134566	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	289066	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	283263	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	282453	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4915	4.44	ng/uL	0.00
5) Phenol-d5	7.23	99	89897	20.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	55445	22.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	71990	22.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	62508	18.06	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	37210	22.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	42294	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	84165	22.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	14748	3.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	267392	23.92	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	318282	24.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	33282	17.27	ng/ul	0.00
58) Fluorene-d10	15.69	176	240673	23.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	35774	17.97	ng/ul	0.00
71) Anthracene-d10	17.54	188	348781	24.91	ng/ul	0.00
79) Pyrene-d10	19.82	212	393680	25.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	392725	24.69	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.26	94	5927	1.305	ng/ul# 88
14) Acetophenone	8.90	105	8996	1.620	ng/ul# 76
45) Dimethylphthalate	14.15	163	81987	7.075	ng/ul 98
70) Phenanthrene	17.49	178	27921	1.688	ng/ul# 92
77) Fluoranthene	19.49	202	85874	4.252	ng/ul# 97
80) Pyrene	19.86	202	74093	3.865	ng/ul 98
83) Benzo(a)anthracene	21.70	228	45842	2.345	ng/ul# 88
85) Chrysene	21.76	228	51005	2.704	ng/ul# 93
88) Benzo(b)fluoranthene	23.94	252	47225	2.410	ng/ul# 69
89) Benzo(k)fluoranthene	23.96	252	46312m	2.451	ng/ul
91) Benzo(a)pyrene	24.82	252	51857	2.944	ng/ul# 67
92) Indeno(1,2,3-cd)pyrene	28.69	276	46160m	2.139	ng/ul
94) Benzo(g,h,i)perylene	29.85	276	55727m	3.077	ng/ul

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

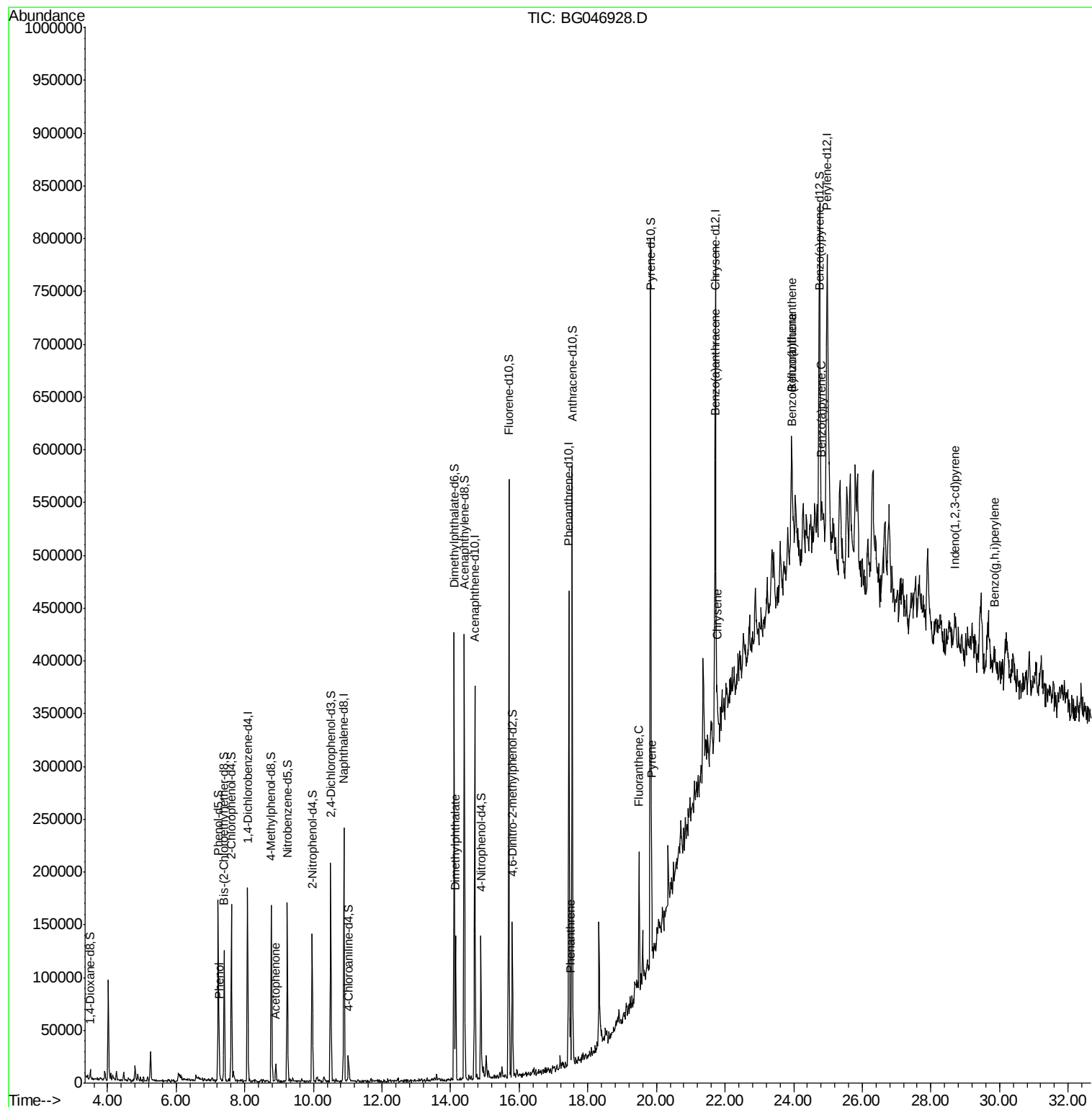
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

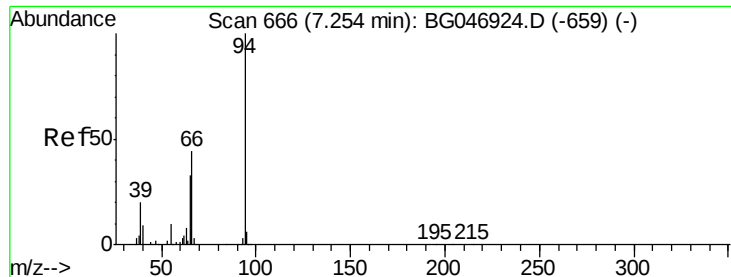
Instrument :
BNA_G
ClientSampled :
C0AS4

Quant Time: Oct 16 14:02:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 02:00:57 2020
Response via : Initial Calibration

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#6

Phenol

Concen: 1.305 ng/ul

RT: 7.26 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG046928.D

Acq: 16 Oct 2020 13:23

Instrument :

BNA_G

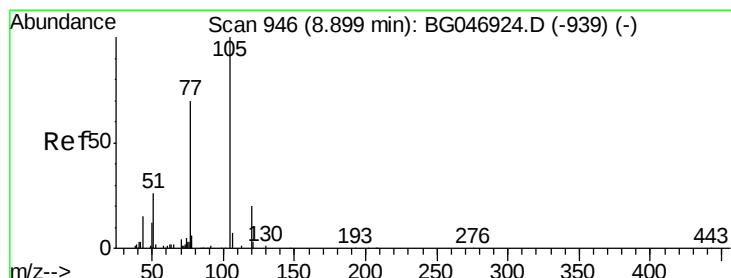
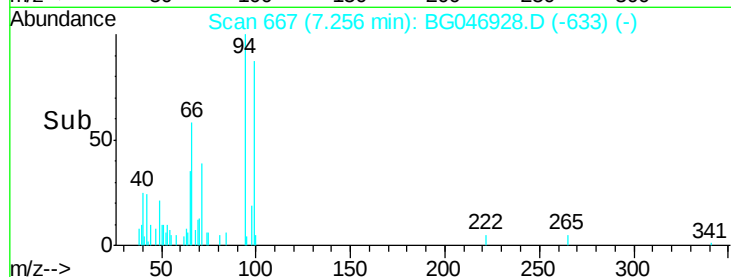
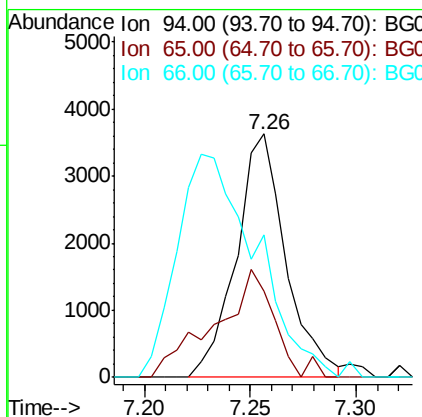
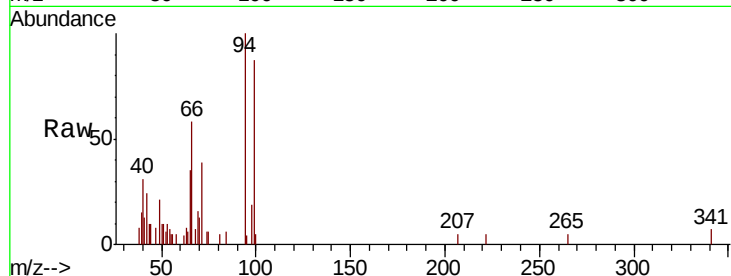
ClientSampled :

C0AS4

Tot Ion:	94	Resp:	5927
Ion	Ratio	Lower	Upper
94	100		
65	35.5	27.8	41.6
66	58.3	35.9	53.9#

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#14

Acetophenone

Concen: 1.620 ng/ul

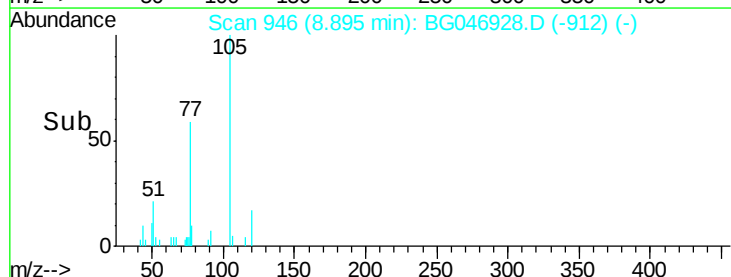
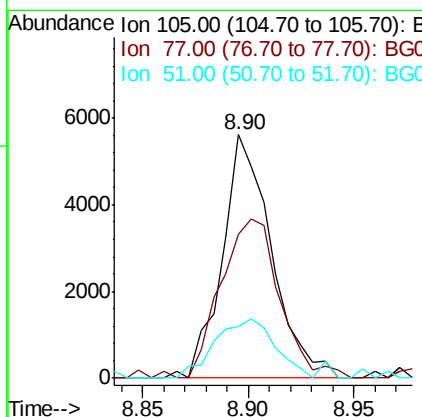
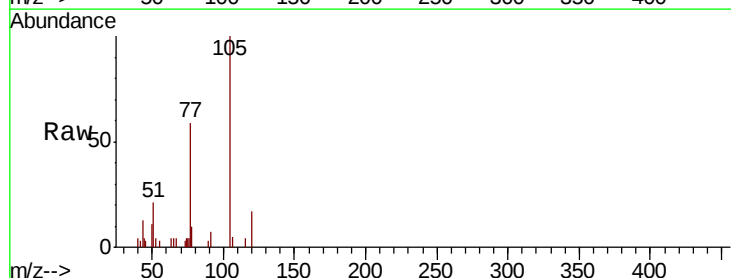
RT: 8.90 min Scan# 946

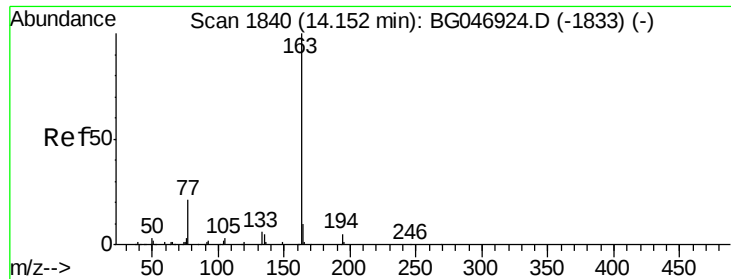
Delta R.T. -0.00 min

Lab File: BG046928.D

Acq: 16 Oct 2020 13:23

Tgt Ion:	105	Resp:	8996
Ion	Ratio	Lower	Upper
105	100		
77	58.9	64.7	97.1#
51	21.1	26.5	39.7#





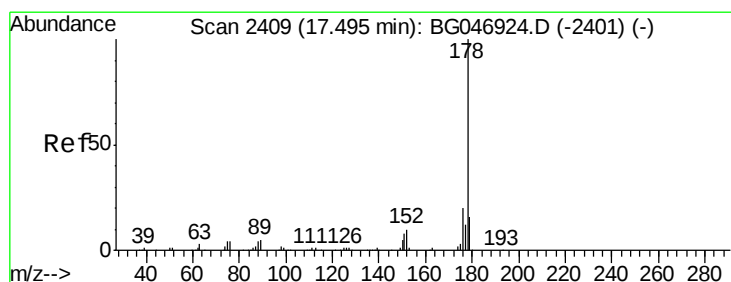
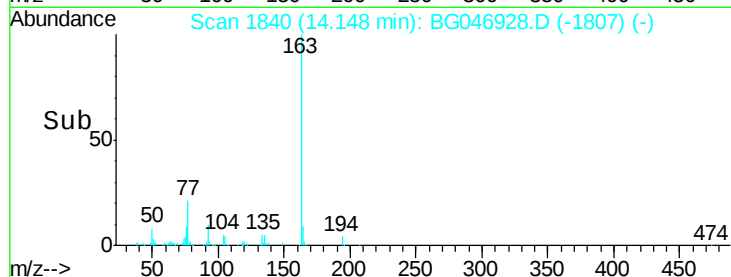
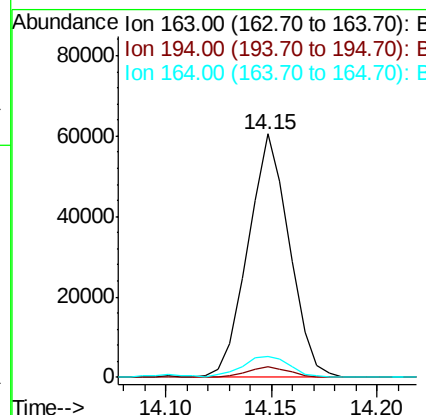
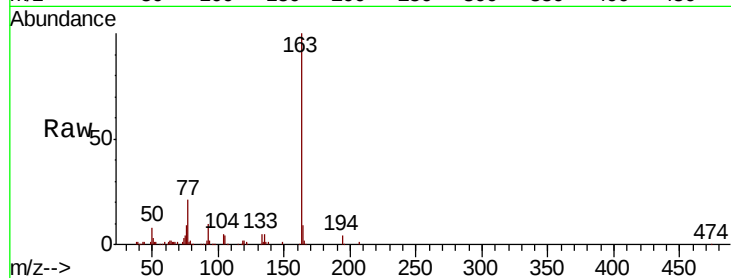
#45
Dimethylphthalate
Concen: 7.075 ng/ul
RT: 14.15 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG046928.D
Acq: 16 Oct 2020 13:23

Instrument :
BNA_G
ClientSampleId :
C0AS4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.9	5.9
164	8.8	7.8	11.8

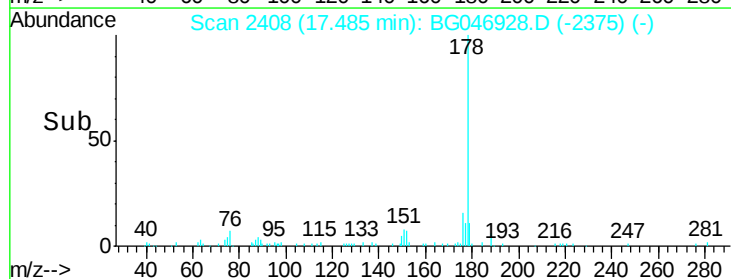
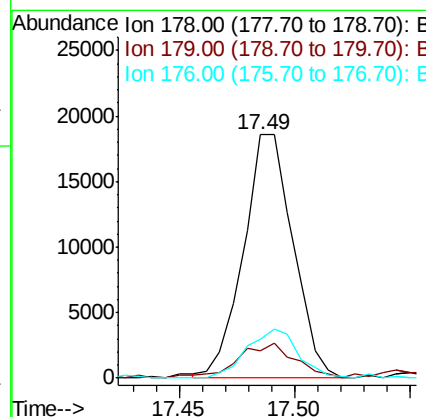
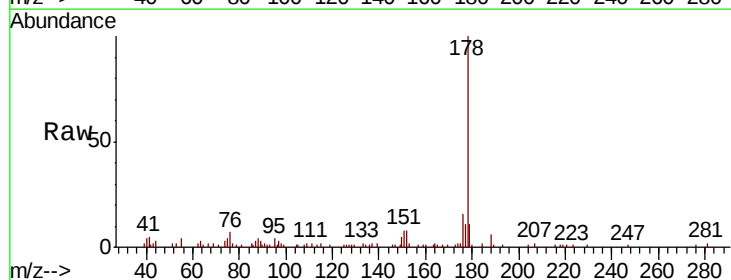
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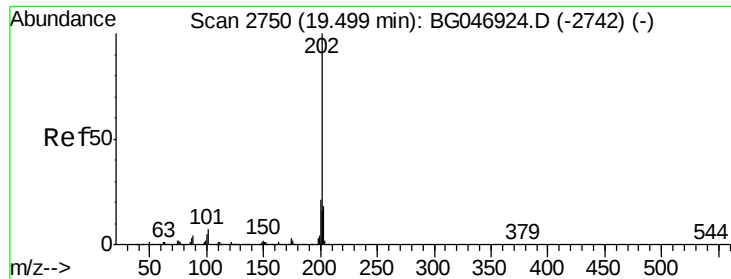
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#70
Phenanthrene
Concen: 1.688 ng/ul
RT: 17.49 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BG046928.D
Acq: 16 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	11.4	12.5	18.7#
176	15.8	15.0	22.4





#77

Fluoranthene

Concen: 4.252 ng/ul

RT: 19.49 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG046928.D

Acq: 16 Oct 2020 13:23

Instrument :

BNA_G

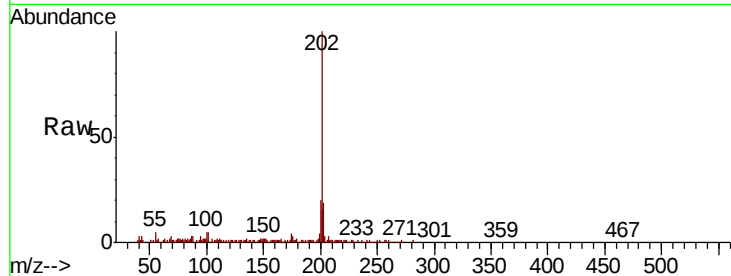
ClientSampleId :

C0AS4

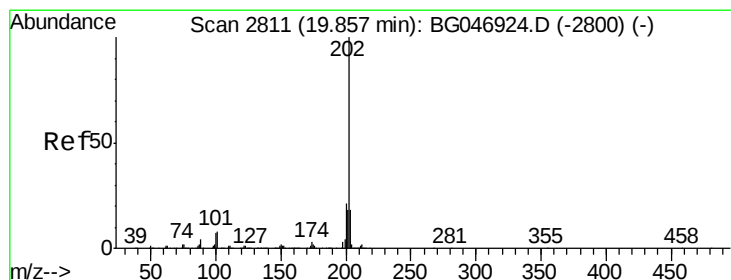
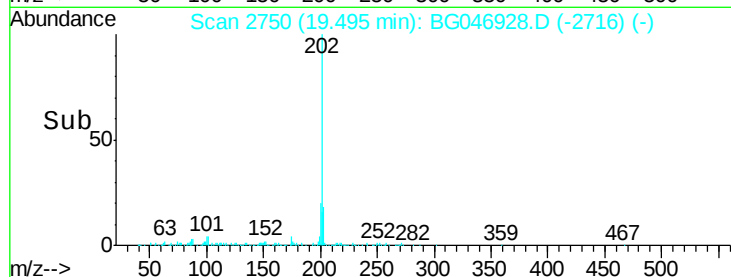
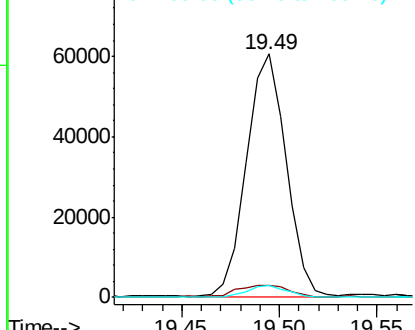
Tot Ion:	202	Resp:	85874
Ion Ratio	Lower	Upper	
202	100		
101	4.8	4.9	7.3#
100	4.8	4.6	6.8

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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



#80

Pyrene

Concen: 3.865 ng/ul

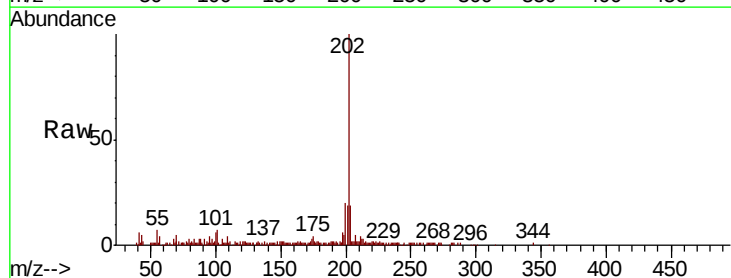
RT: 19.86 min Scan# 2812

Delta R.T. -0.00 min

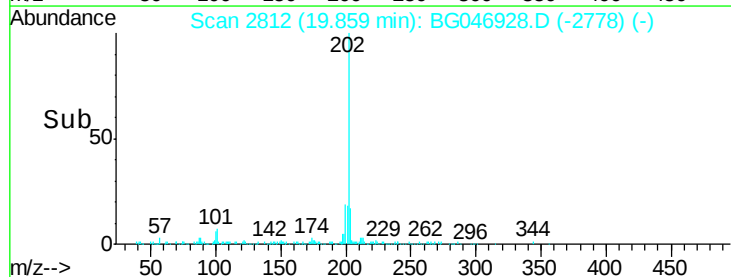
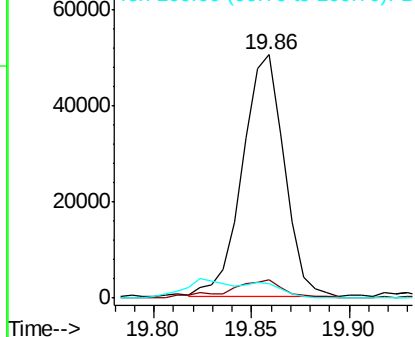
Lab File: BG046928.D

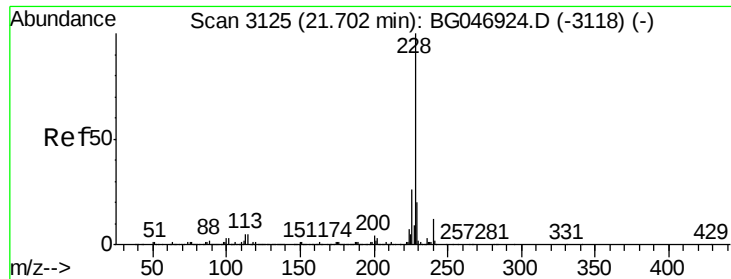
Acq: 16 Oct 2020 13:23

Tgt Ion:	202	Resp:	74093
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.5	9.7
100	6.1	5.2	7.8



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





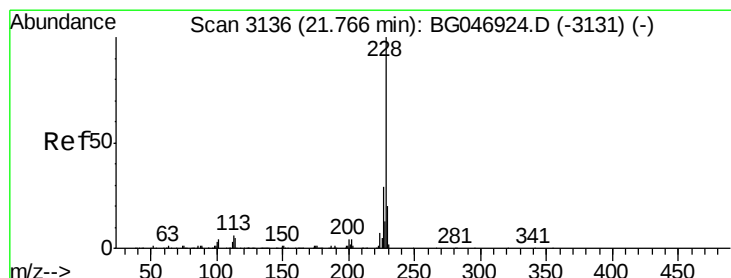
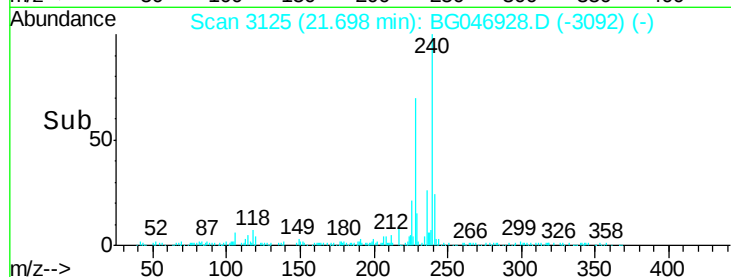
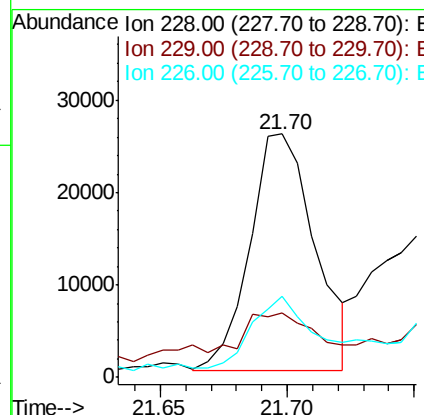
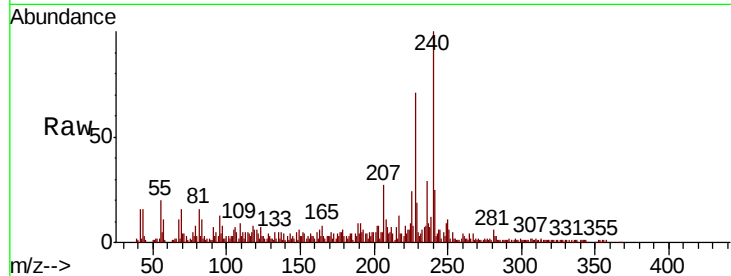
#83
Benzo(a)anthracene
Concen: 2.345 ng/ul
RT: 21.70 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG046928.D
Acq: 16 Oct 2020 13:23

Instrument :
BNA_G
ClientSampleId :
C0AS4

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.3	16.2	24.2#
226	33.0	21.6	32.4#

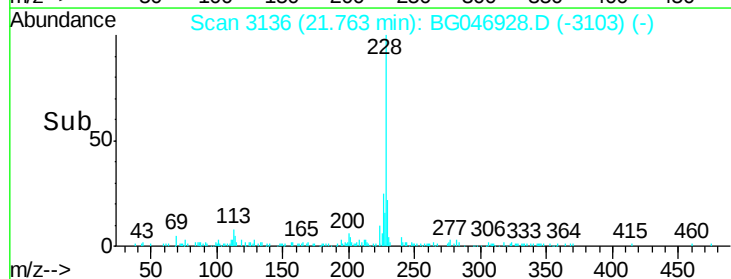
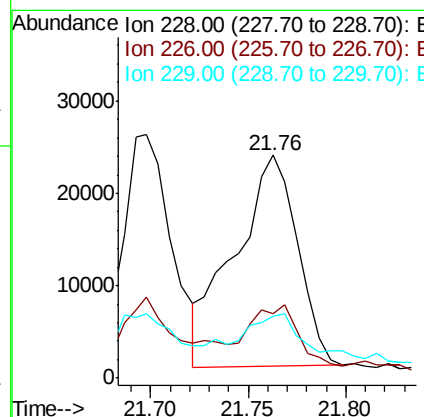
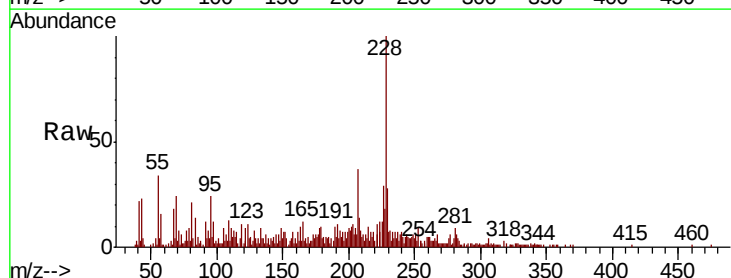
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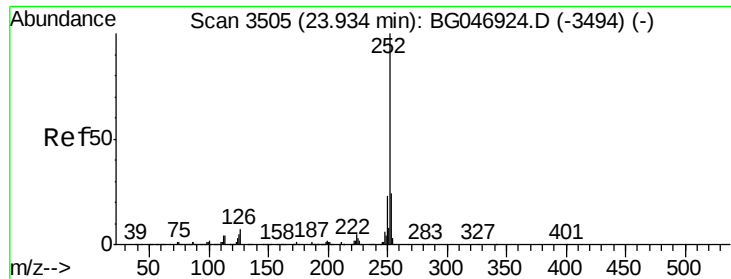
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#85
Chrysene
Concen: 2.704 ng/ul
RT: 21.76 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG046928.D
Acq: 16 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.2	34.8
229	27.7	15.6	23.4#





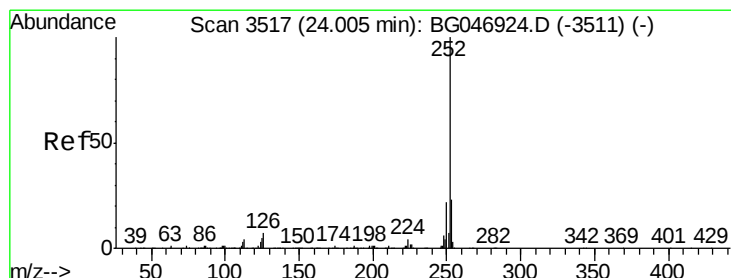
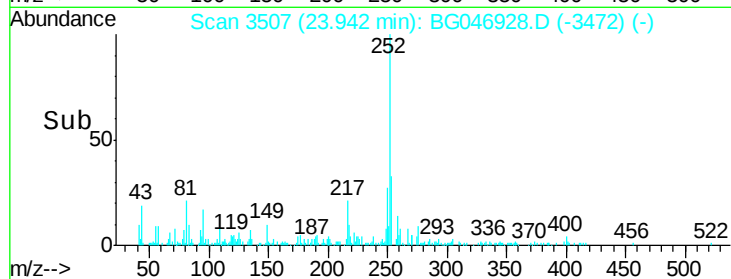
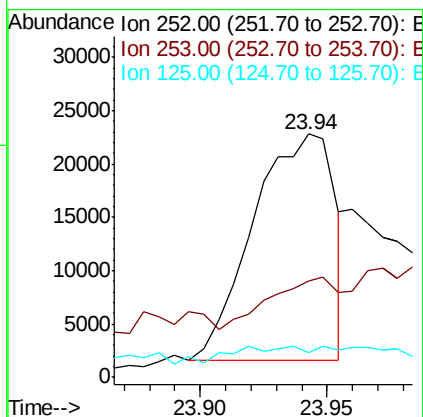
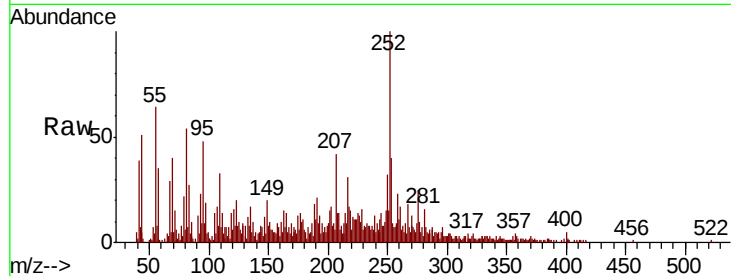
#88
Benzo(b)fluoranthene
Concen: 2.410 ng/ul
RT: 23.94 min Scan# 3507
Delta R.T. 0.00 min
Lab File: BG046928.D
Acq: 16 Oct 2020 13:23

Instrument :
BNA_G
ClientSampleId :
C0AS4

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.5	18.2	27.2#
125	10.4	4.6	7.0#

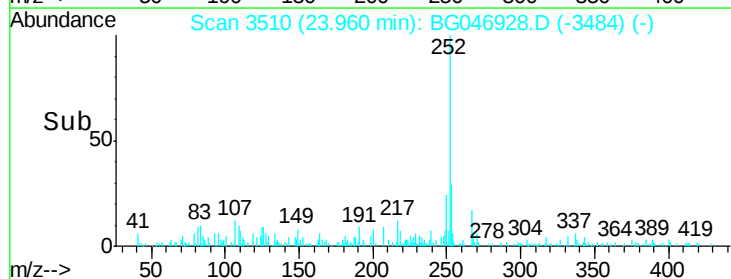
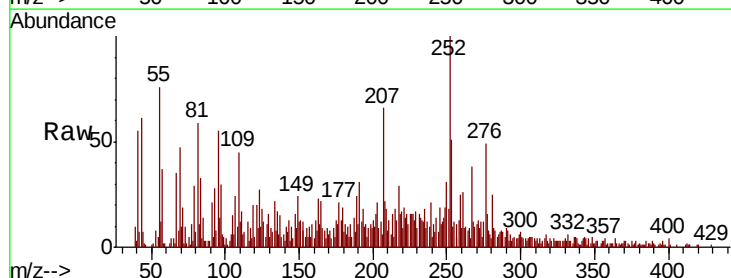
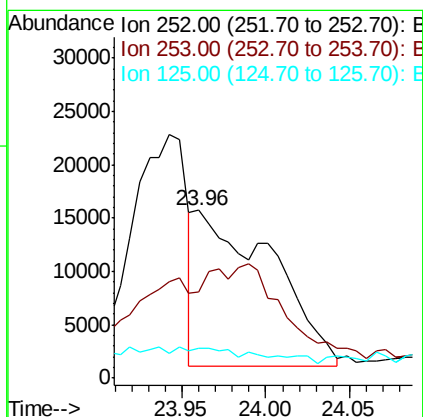
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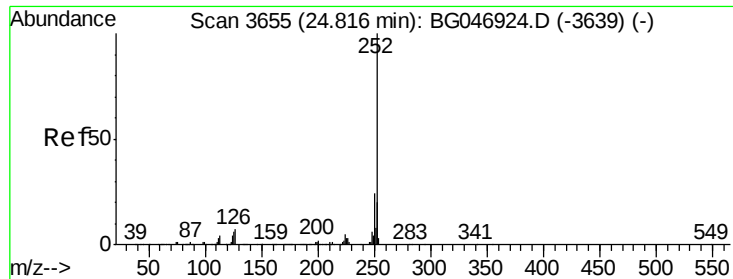
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#89
Benzo(k)fluoranthene
Concen: 2.451 ng/ul m
RT: 23.96 min Scan# 3510
Delta R.T. -0.05 min
Lab File: BG046928.D
Acq: 16 Oct 2020 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.2	17.7	26.5#
125	17.9	4.2	6.4#





#91

Benzo(a)pyrene

Concen: 2.944 ng/ul

RT: 24.82 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG046928.D

Acq: 16 Oct 2020 13:23

Instrument :

BNA_G

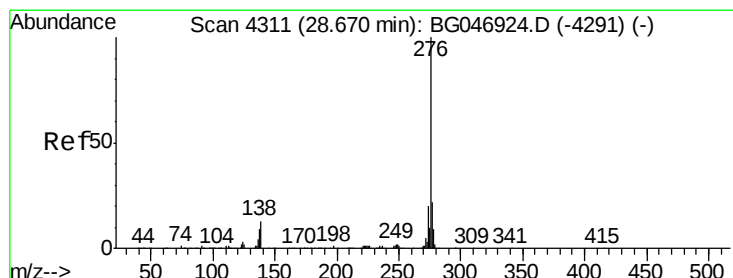
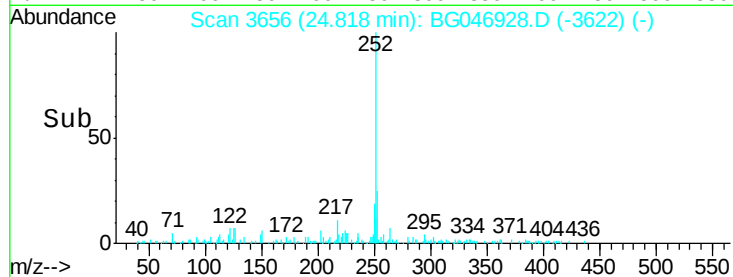
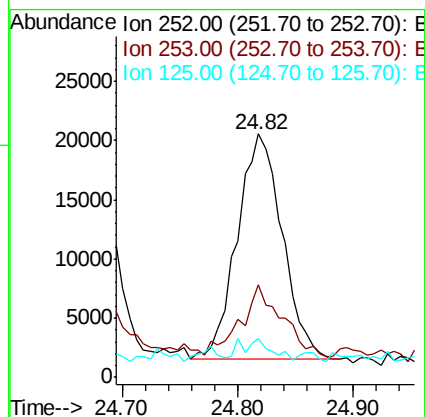
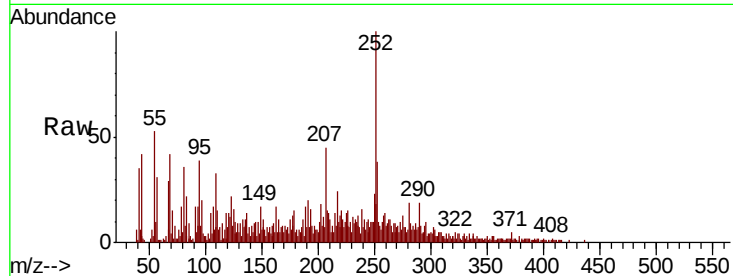
ClientSampleId :

C0AS4

Tot Ion:	252	Resp:	51857
Ion Ratio	Lower	Upper	
252	100		
253	38.1	17.2	25.8#
125	16.1	5.4	8.0#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.139 ng/ul m

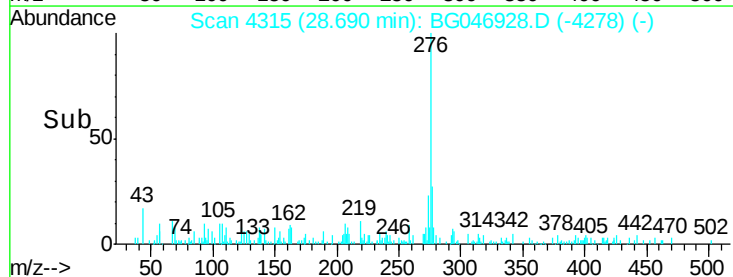
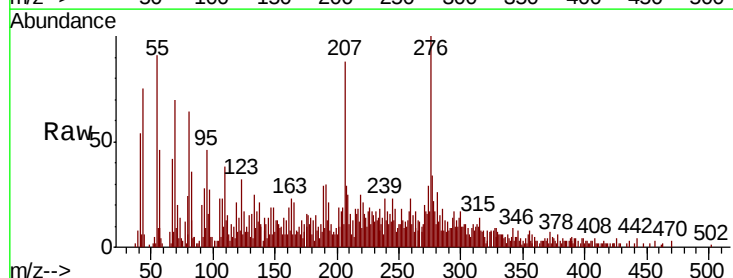
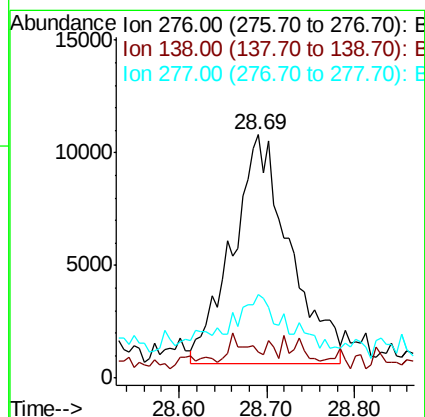
RT: 28.69 min Scan# 4315

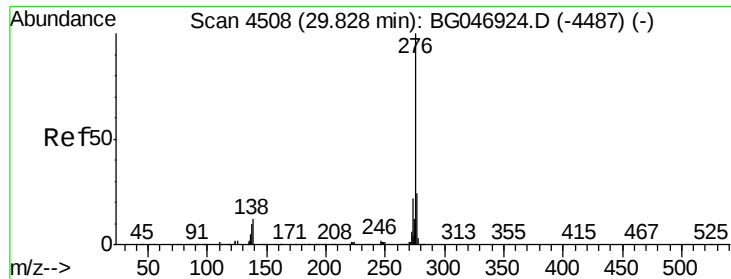
Delta R.T. 0.02 min

Lab File: BG046928.D

Acq: 16 Oct 2020 13:23

Tgt Ion:	276	Resp:	46160
Ion Ratio	Lower	Upper	
276	100		
138	10.5	7.8	11.6
277	34.4	19.4	29.2#





#94
 Benzo(a,h,i)perylene
 Concen: 3.077 ng/ul m
 RT: 29.85 min Scan# 4513
 Delta R.T. 0.02 min
 Lab File: BG046928.D
 Acq: 16 Oct 2020 13:23

Instrument :
 BNA_G
 ClientSampleId :
 C0AS4

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	8.5	12.7#
277	32.2	18.5	27.7#

Manual Integrations
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