

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021344.D
 Acq On : 02 Jul 2019 15:46
 Operator : HP/JU
 Sample : K3594-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD3

Manual Integrations
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Quant Time: Jul 02 17:38:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 02 01:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	236687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1018155	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	595032	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1181086	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	972120	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1172218	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	19923	4.00	ng/uL	0.00
5) Phenol-d5	6.92	99	489982	23.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	286568	23.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	410177	24.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	356611	20.74	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	223664	27.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	266185	29.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	503006	26.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	382528	19.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1583938	29.46	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1783803	27.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	179192	20.49	ng/ul	0.00
57) Fluorene-d10	15.39	176	1290215	27.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	142128	19.58	ng/ul	0.00
70) Anthracene-d10	17.24	188	1712750	27.91	ng/ul	0.00
78) Pyrene-d10	19.54	212	1737727	29.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1959465	28.33	ng/ul	0.01

Target Compounds

					Ovalue	
4) Benzaldehyde	6.90	77	10339	1.101	ng/ul#	85
44) Dimethylphthalate	13.85	163	715923	14.628	ng/ul	99
69) Phenanthrene	17.19	178	257566	3.943	ng/ul	99
75) Di-n-butylphthalate	18.11	149	67802	1.029	ng/ul	100
76) Fluoranthene	19.20	202	629723	8.922	ng/ul	99
79) Pyrene	19.57	202	552701	8.042	ng/ul	99
82) Benzo(a)anthracene	21.32	228	301715	4.552	ng/ul	98
84) Chrysene	21.37	228	315589	5.084	ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	508322	6.846	ng/ul#	98
88) Benzo(k)fluoranthene	22.96	252	177881m	2.490	ng/ul	
90) Benzo(a)pyrene	23.50	252	318297	4.554	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.89	276	259385	3.152	ng/ul	97
93) Benzo(g,h,i)perylene	26.59	276	223981	3.304	ng/ul	98

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

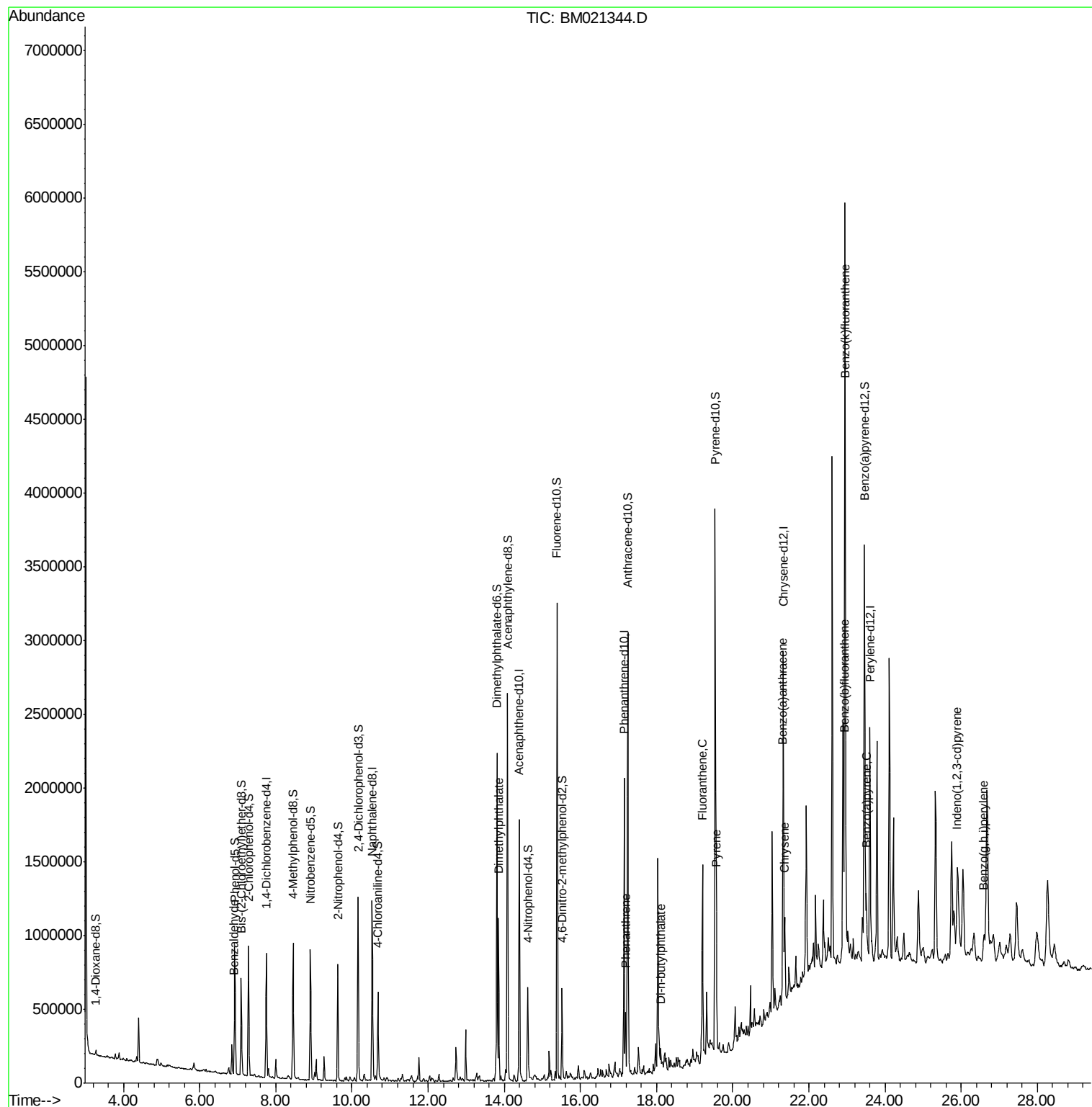
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021344.D
Acq On : 02 Jul 2019 15:46
Operator : HP/JU
Sample : K3594-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

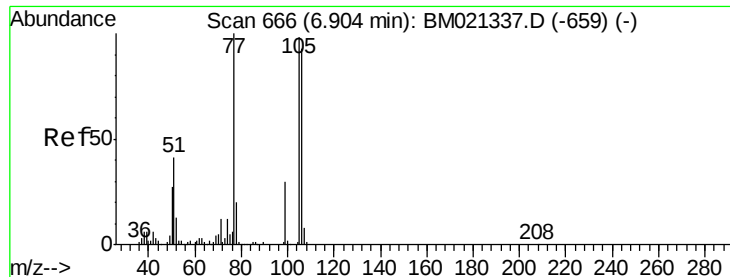
Instrument :
BNA_M
ClientSampleId :
C5BD3

Quant Time: Jul 02 17:38:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration

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#4

Benzaldehyd

Concen: 1.101 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.01 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Instrument :

BNA_M

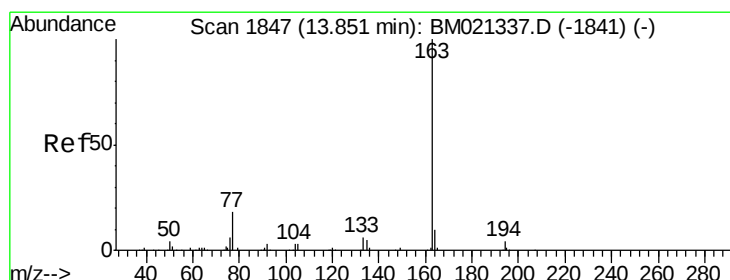
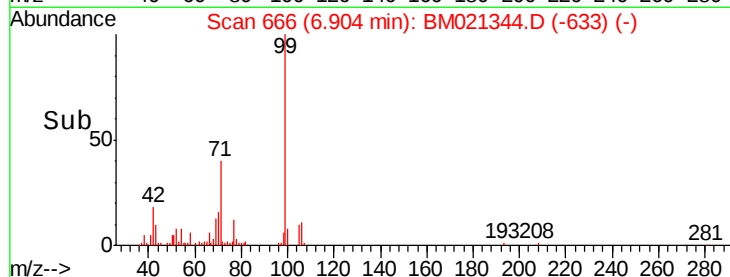
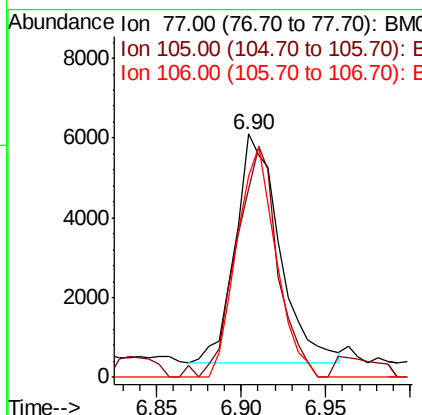
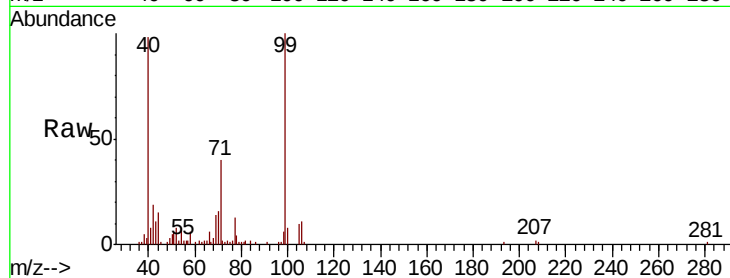
ClientSampleId :

C5BD3

Tot Ion	Ratio	Lower	Upper
77	100		
105	77.5	78.1	117.1#
106	82.6	73.4	110.2

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#44

Dimethylphthalate

Concen: 14.628 ng/ul

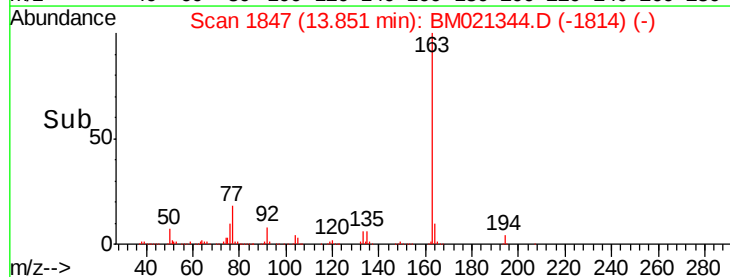
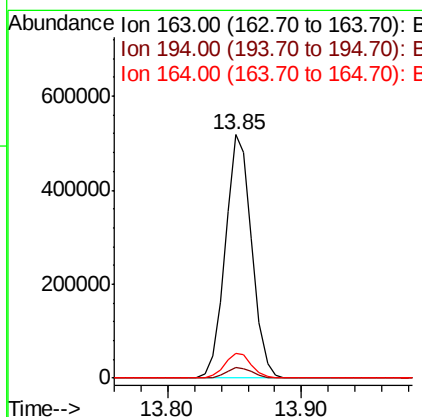
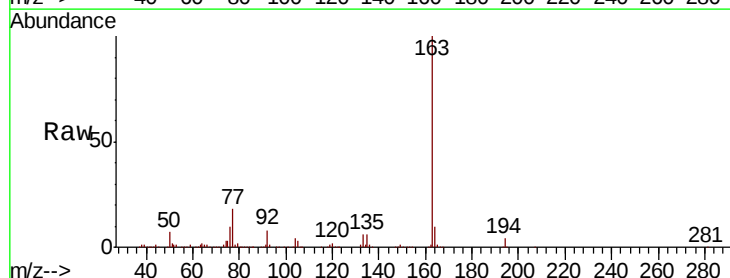
RT: 13.85 min Scan# 1847

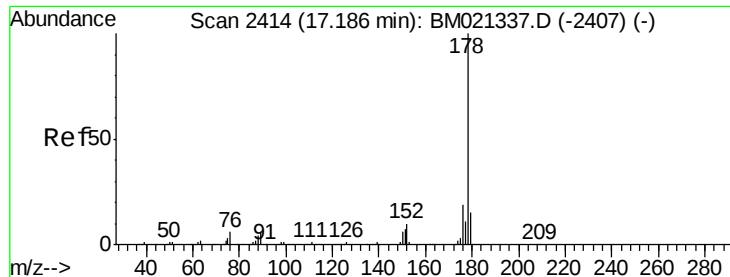
Delta R.T. -0.01 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.3	7.7	11.5





#69

Phenanthrene

Concen: 3.943 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Instrument :

BNA_M

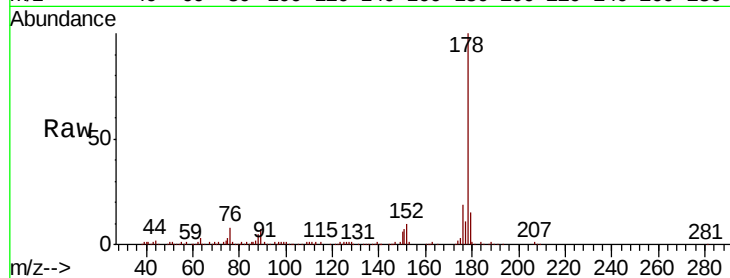
ClientSampled :

C5BD3

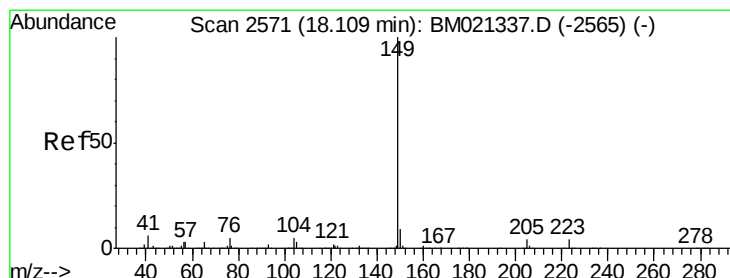
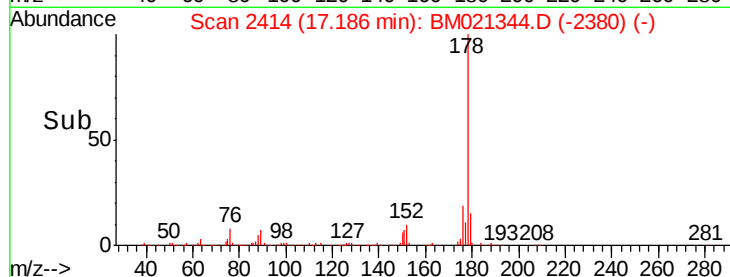
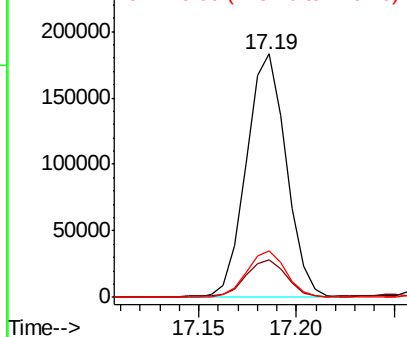
Tot Ion:	178	Resp:	257566
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.8	17.8
176	19.3	15.0	22.6

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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



#75

Di-n-butylphthalate

Concen: 1.029 ng/ul

RT: 18.11 min Scan# 2571

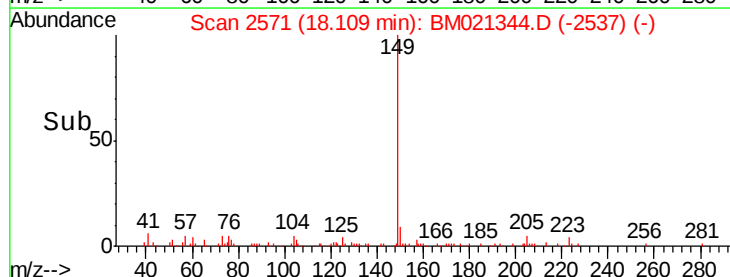
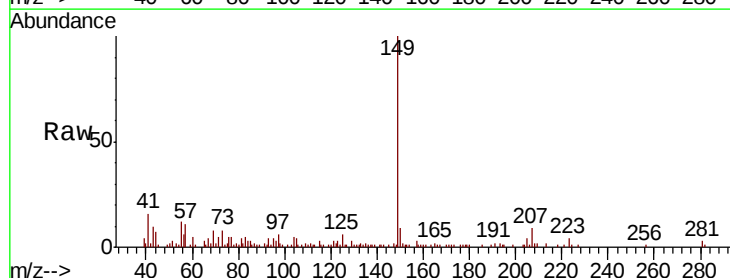
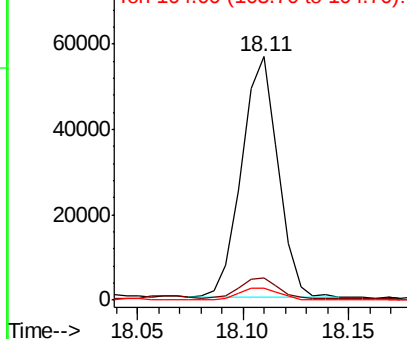
Delta R.T. -0.00 min

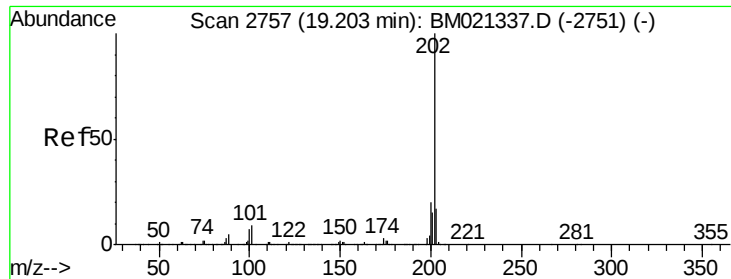
Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Tgt Ion:	149	Resp:	67802
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.3	10.9
104	4.6	3.8	5.8

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





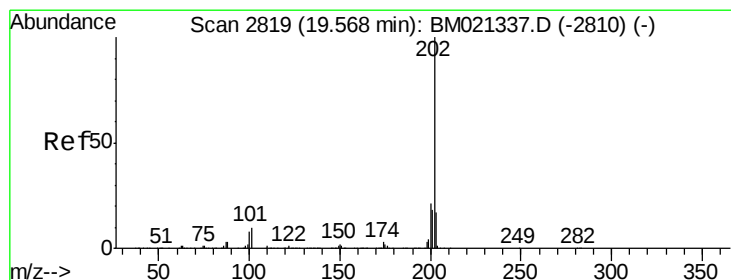
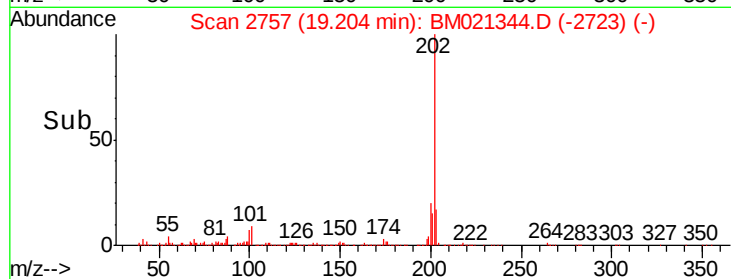
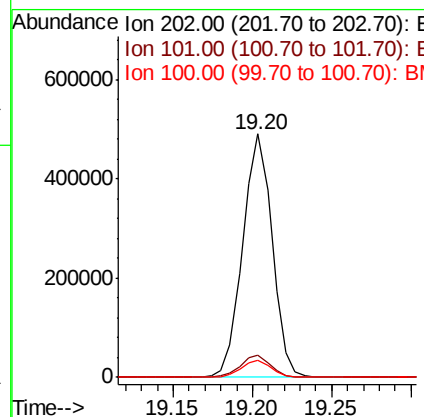
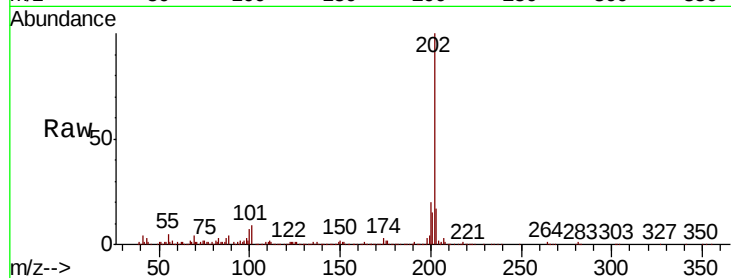
#76
Fluoranthene
Concen: 8.922 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BM021344.D
Acq: 02 Jul 2019 15:46

Instrument :
BNA_M
ClientSampleId :
C5BD3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	6.7	10.1
100	7.0	5.5	8.3

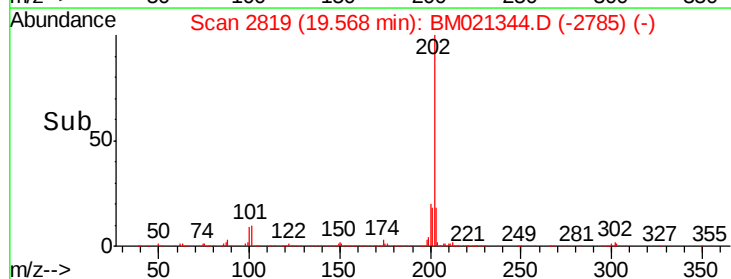
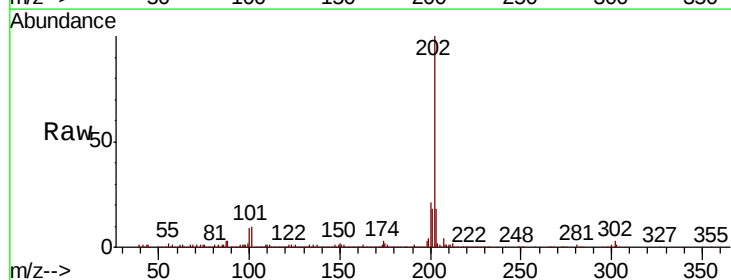
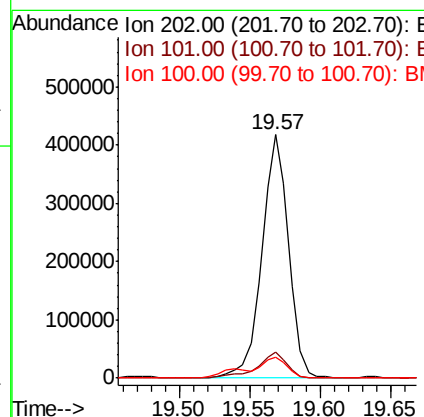
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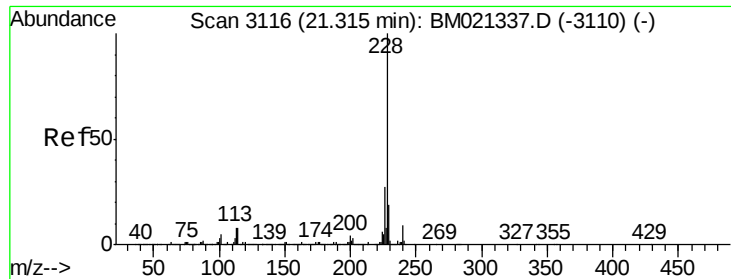
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#79
Pyrene
Concen: 8.042 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BM021344.D
Acq: 02 Jul 2019 15:46

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	8.1	12.1
100	8.7	6.6	10.0





#82

Benzo(a)anthracene

Concen: 4.552 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Instrument :

BNA_M

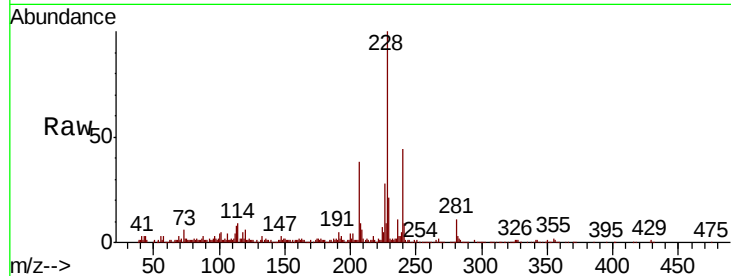
ClientSampleId :

C5BD3

Tot Ion:	228	Resp:	301715
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.8
226	28.1	21.4	32.2

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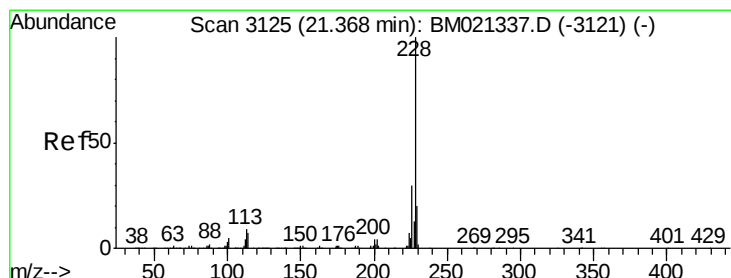
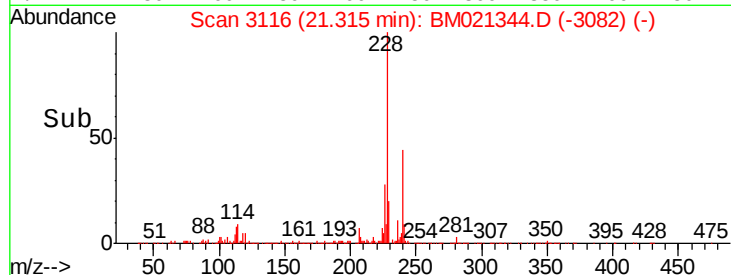
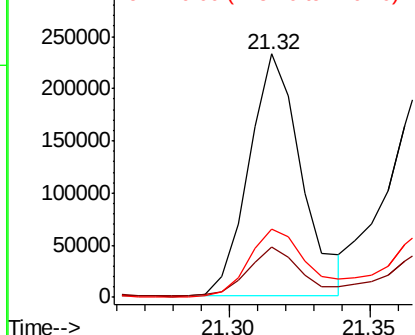


Abundance

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



#84

Chrysene

Concen: 5.084 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

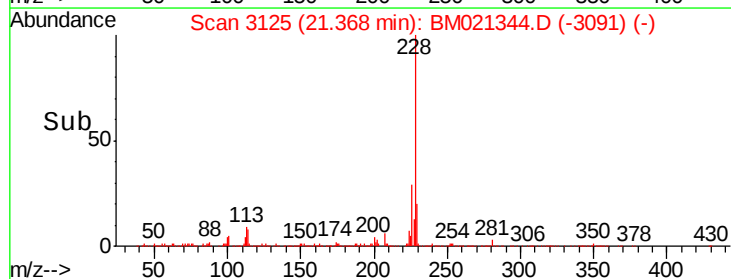
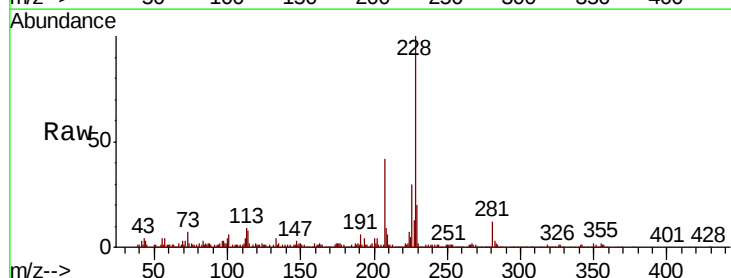
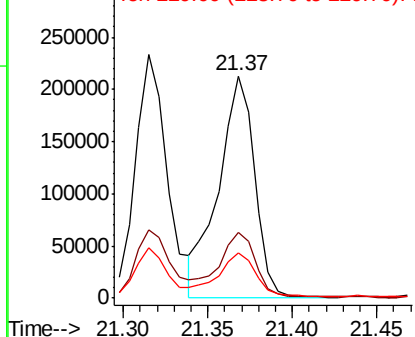
Tgt Ion:	228	Resp:	315589
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.9	35.9
229	20.4	15.4	23.2

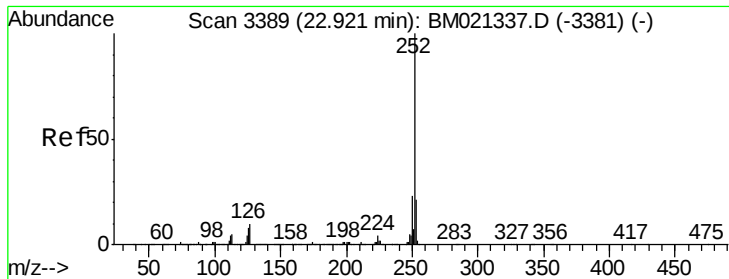
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 6.846 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Instrument :

BNA_M

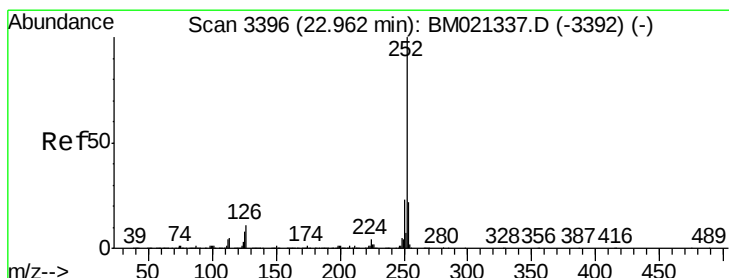
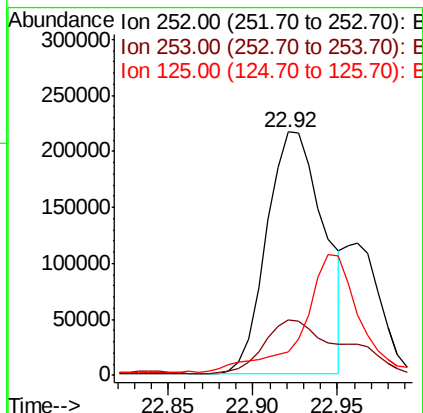
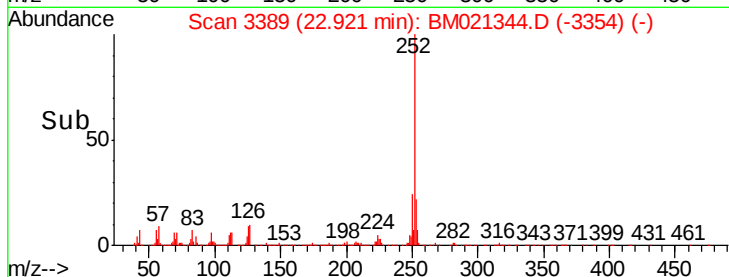
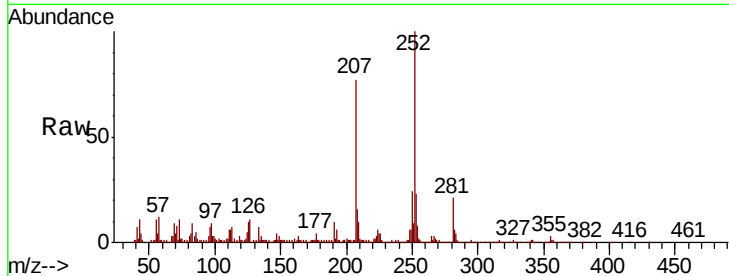
ClientSampled :

C5BD3

Tot Ion:	252	Resp:	508322
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	9.6	6.3	9.5#

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#88

Benzo(k)fluoranthene

Concen: 2.490 ng/ul m

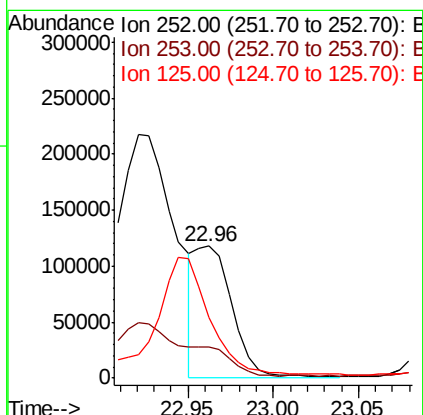
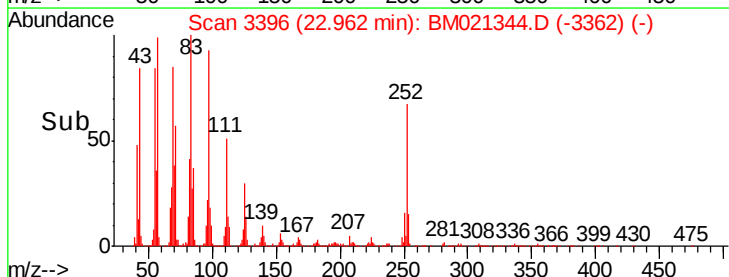
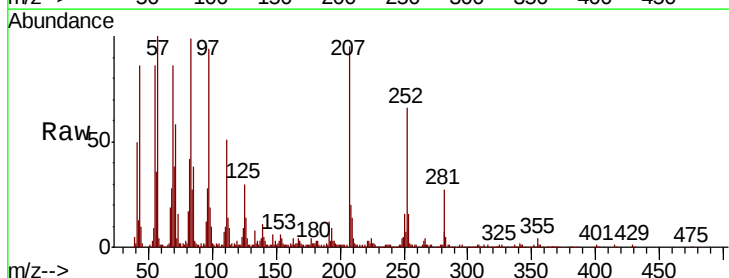
RT: 22.96 min Scan# 3396

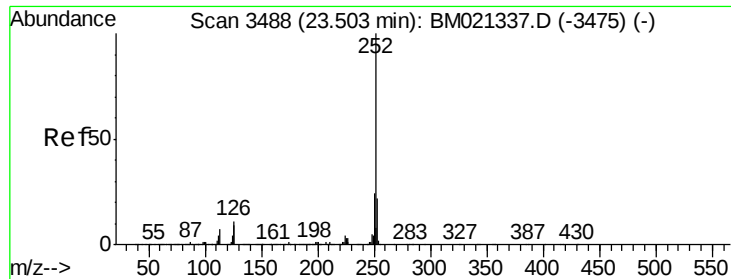
Delta R.T. -0.00 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Tgt Ion:	252	Resp:	177881
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	46.1	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 4.554 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Instrument :

BNA_M

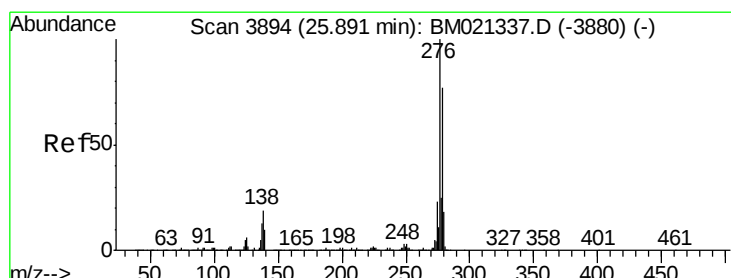
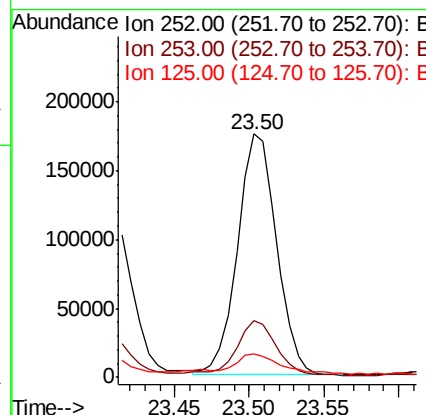
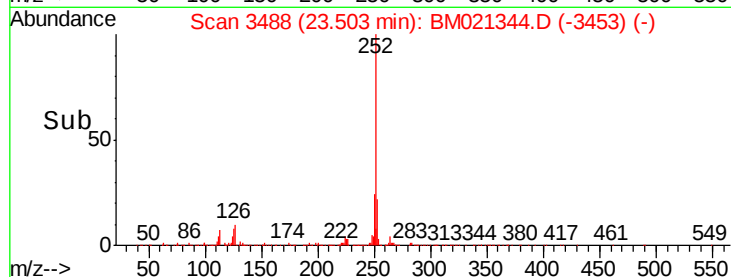
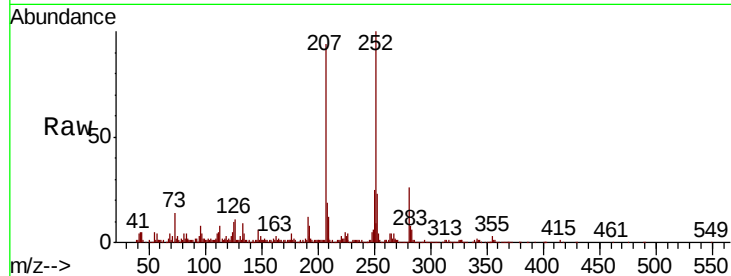
ClientSampleId :

C5BD3

Tot Ion:	252	Resp:	318297
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.8
125	9.6	7.2	10.8

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#91

Indeno(1,2,3-cd)pyrene

Concen: 3.152 ng/ul

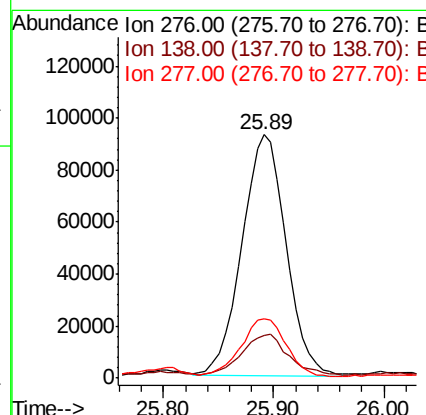
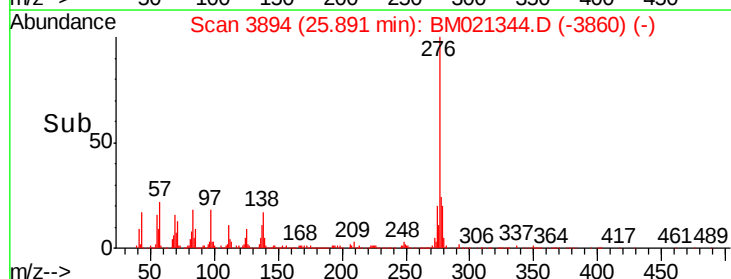
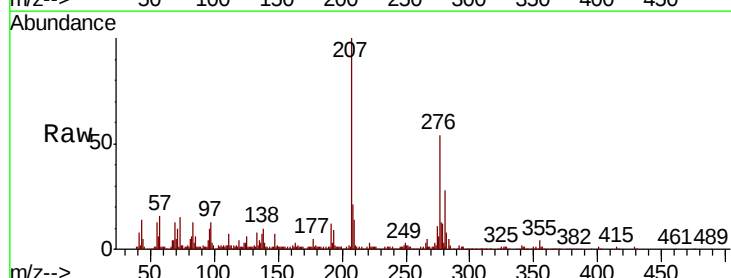
RT: 25.89 min Scan# 3894

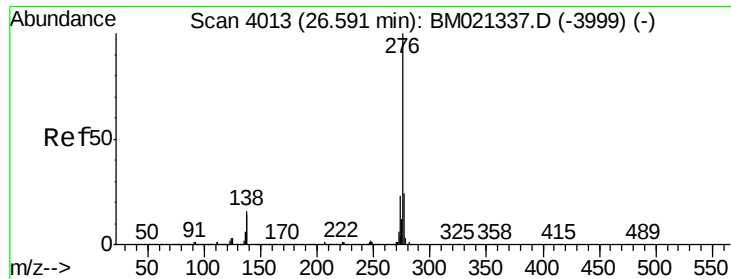
Delta R.T. -0.00 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Tgt Ion:	276	Resp:	259385
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.9	23.9
277	24.4	20.4	30.6





#93

Benzo(a,h,i)perylene

Concen: 3.304 ng/ul

RT: 26.59 min Scan# 4013

Delta R.T. -0.00 min

Lab File: BM021344.D

Acq: 02 Jul 2019 15:46

Instrument :

BNA_M

ClientSampleId :

C5BD3

Tot Ion:	276	Resp:	223981
Ion Ratio	Lower	Upper	
276	100		
138	16.5	14.6	21.8
277	23.9	18.9	28.3

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