

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006822.D
 Acq On : 01 Aug 2016 12:16
 Operator : UM/SJ
 Sample : H4188-07
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZL5

Manual Integrations
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Quant Time: Aug 01 14:16:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	236589	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	1009247	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	552913	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1196830	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1137097	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1303602	20.00	ng/ul	0.02

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	11776	2.01	ng/uL	0.00
3) Phenol-d5	6.80	99	455772	22.64	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	306141	24.55	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	380184	23.64	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	300276	19.24	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	195317	25.57	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	214579	26.41	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	369499	24.07	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	399027	23.60	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	1126542	25.99	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1454598	26.29	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	137451	18.25	ng/ul	0.02
21) Fluorene-d10	15.26	176	988894	25.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	73422	11.82	ng/ul	0.02
26) Anthracene-d10	17.12	188	1467268	25.82	ng/ul	0.00
30) Pyrene-d10	19.42	212	1559760	30.10	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1541372	25.71	ng/ul	0.02

Target Compounds

						Qvalue
19) Acenaphthene	14.33	153	63005	1.65	ng/ul	96
25) Phenanthrene	17.06	178	738653	10.97	ng/ul	99
27) Anthracene	17.15	178	160214	2.31	ng/ul	99
28) Fluoranthene	19.09	202	2250992	28.47	ng/ul	97
31) Pyrene	19.45	202	2150398	31.23	ng/ul	97
32) Benzo(a)anthracene	21.20	228	1910573	27.72	ng/ul	98
33) Chrysene	21.26	228	2340194	36.83	ng/ul	96
35) Benzo(b)fluoranthene	22.78	252	4425175	56.63	ng/ul	99
36) Benzo(k)fluoranthene	22.81	252	1463551m	19.37	ng/ul	
38) Benzo(a)pyrene	23.34	252	3106686	40.85	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.66	276	2759426	31.33	ng/ul	98
40) Dibenzo(a,h)anthracene	25.65	278	759300	10.40	ng/ul	96
41) Benzo(g,h,i)perylene	26.34	276	2273094	30.11	ng/ul	98

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

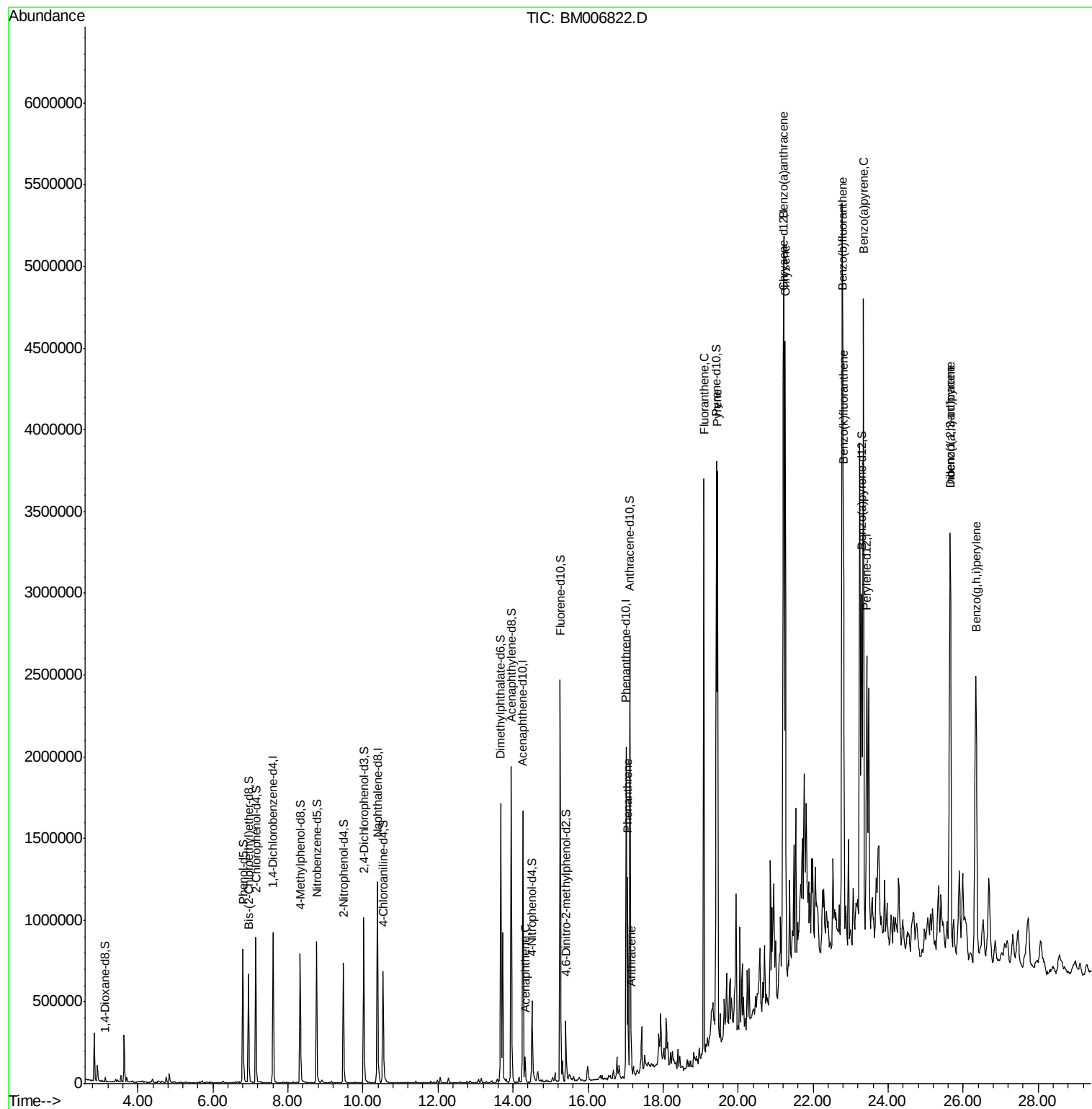
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006822.D
Acq On : 01 Aug 2016 12:16
Operator : UM/SJ
Sample : H4188-07
Misc :
ALS Vial : 89 Sample Multiplier: 1

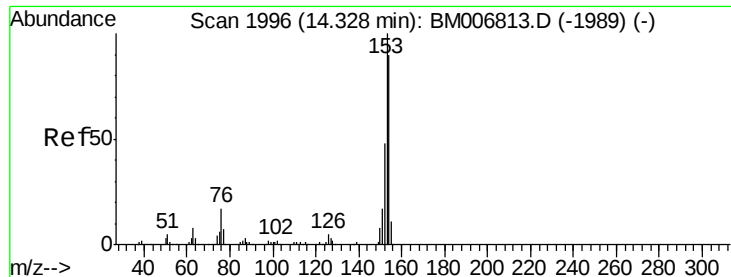
Instrument :
BNA_M
ClientSampleId :
D9ZL5

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Quant Time: Aug 01 14:16:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration





#19

Acenaphthene

Concen: 1.65 ng/ul

RT: 14.33 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BM006822.D

Acq: 01 Aug 2016 12:16

Instrument :

BNA_M

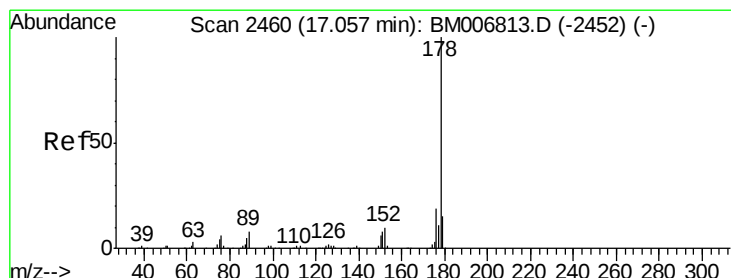
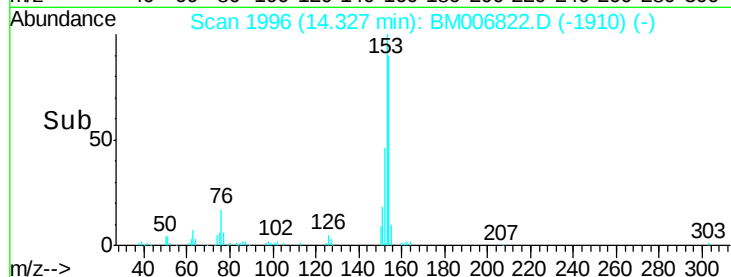
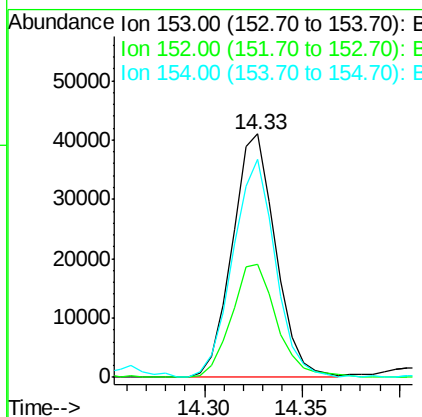
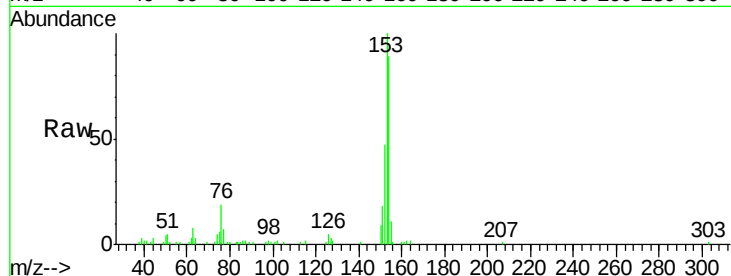
ClientSampled :

D9ZL5

Tgt Ion:	153	Resp:	63005
Ion Ratio	Lower	Upper	
153	100		
152	46.7	36.5	54.7
154	89.3	67.3	100.9

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#25

Phenanthrene

Concen: 10.97 ng/ul

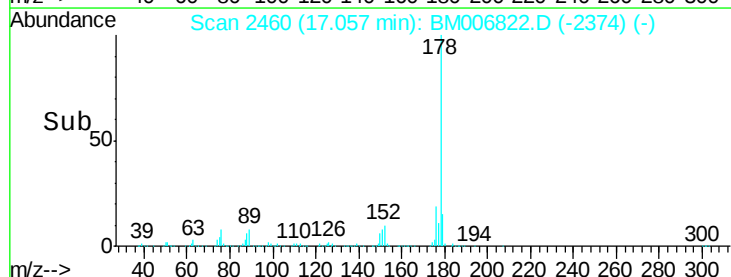
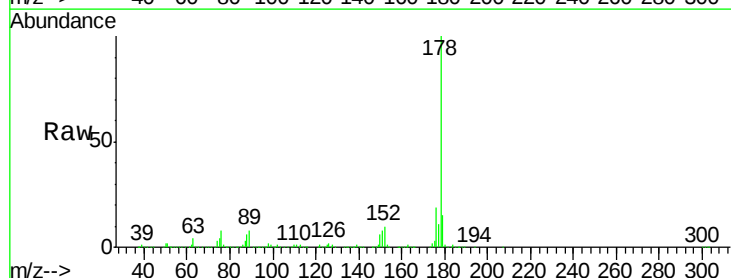
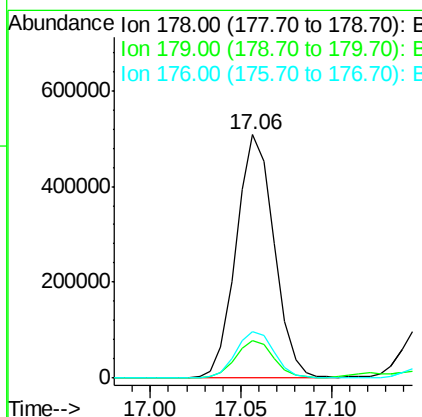
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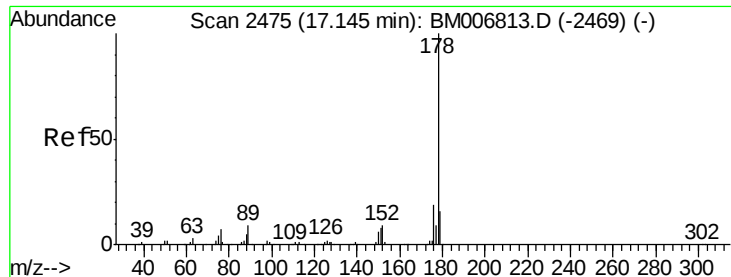
Delta R.T. 0.01 min

Lab File: BM006822.D

Acq: 01 Aug 2016 12:16

Tgt Ion:	178	Resp:	738653
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.8	17.8
176	19.0	14.8	22.2





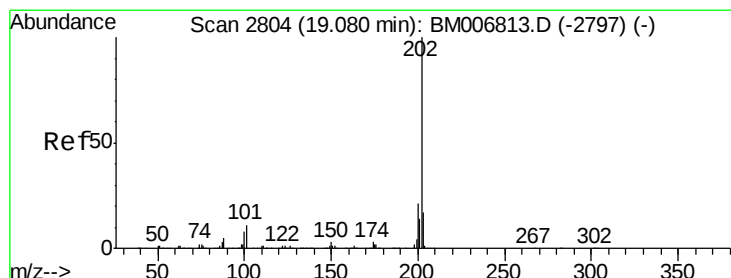
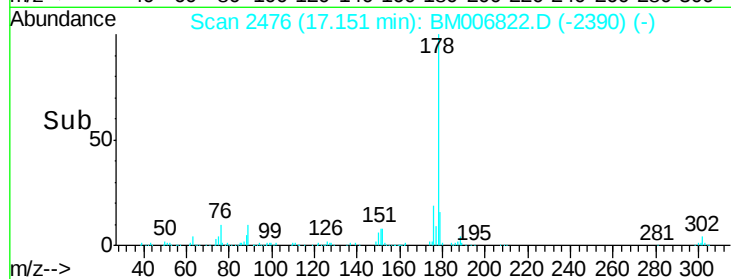
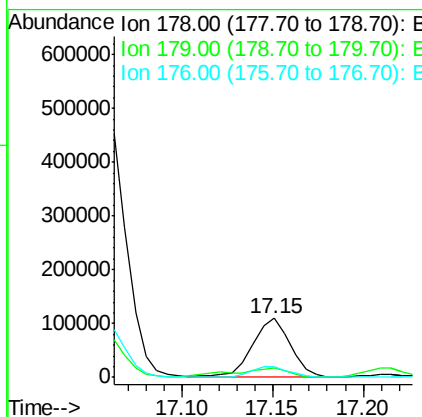
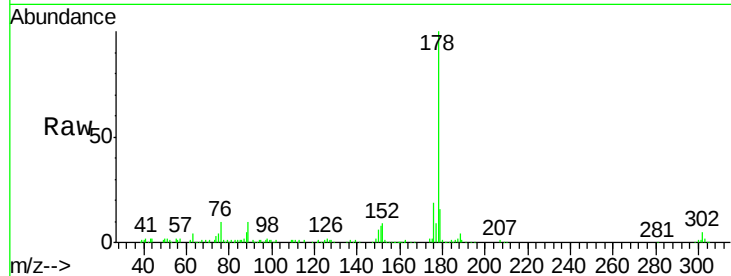
#27
 Anthracene
 Concen: 2.31 ng/ul
 RT: 17.15 min Scan# 2476
 Delta R.T. 0.01 min
 Lab File: BM006822.D
 Acq: 01 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampled :
 D9ZL5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	19.1	15.6	23.4

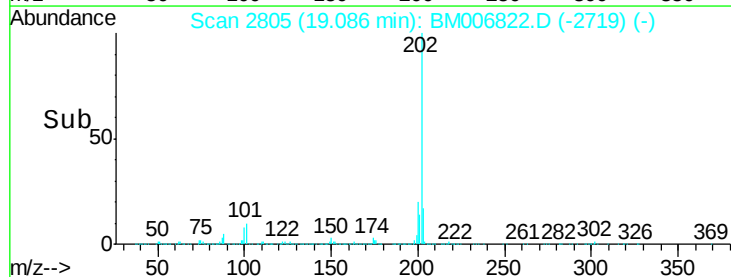
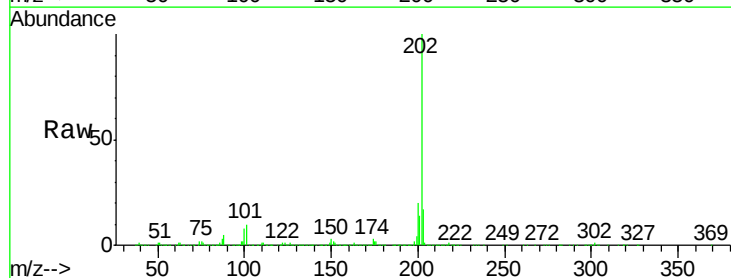
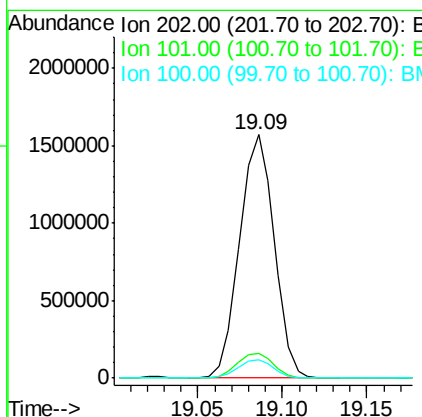
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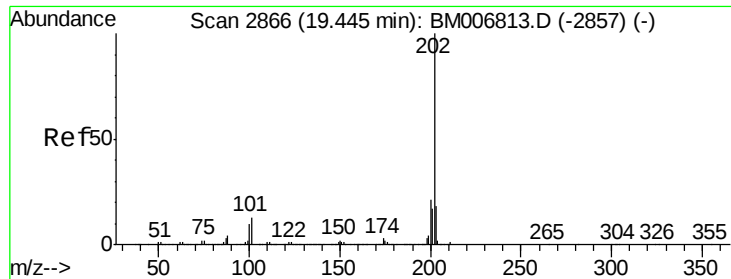
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#28
 Fluoranthene
 Concen: 28.47 ng/ul
 RT: 19.09 min Scan# 2805
 Delta R.T. 0.01 min
 Lab File: BM006822.D
 Acq: 01 Aug 2016 12:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.9	13.3
100	7.5	7.0	10.4





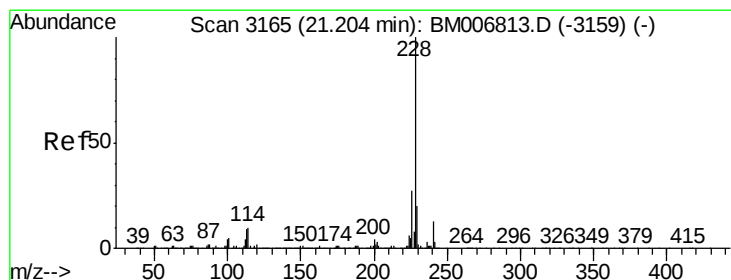
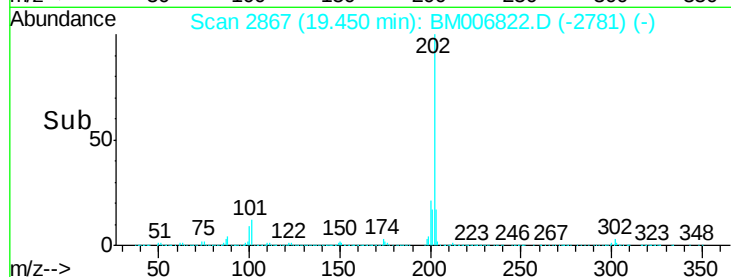
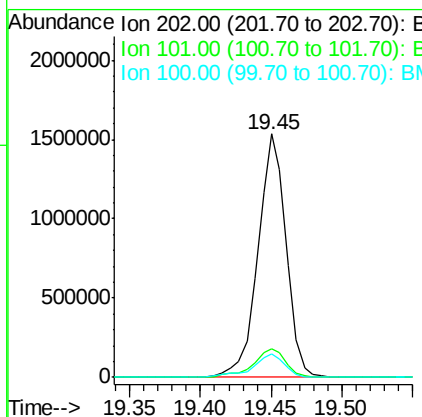
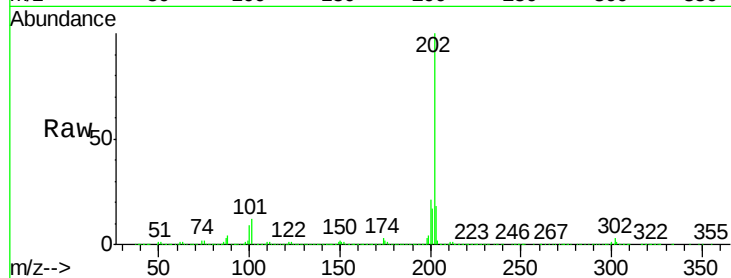
#31
 Pyrene
 Concen: 31.23 ng/ul
 RT: 19.45 min Scan# 2867
 Delta R.T. 0.01 min
 Lab File: BM006822.D
 Acq: 01 Aug 2016 12:16

Instrument :
 BNA_M
 ClientSampleId :
 D9ZL5

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
100	9.4	9.3	13.9

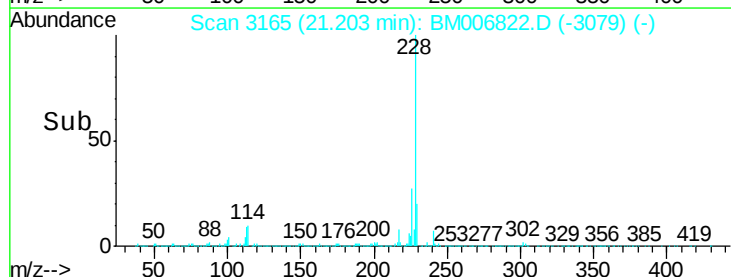
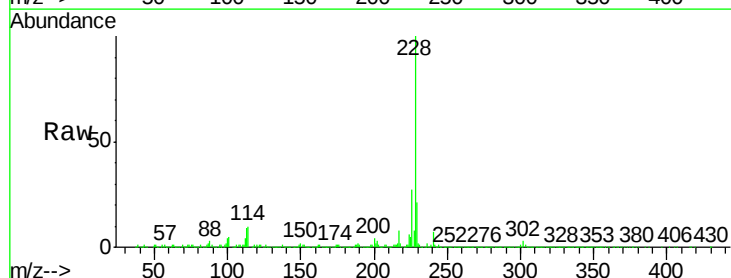
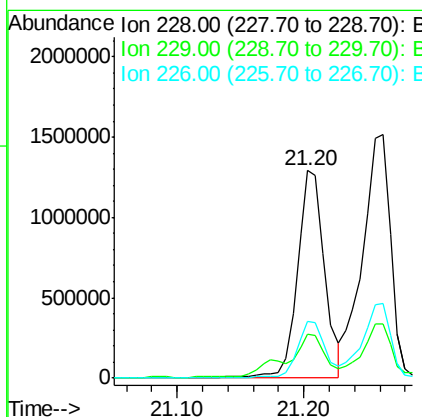
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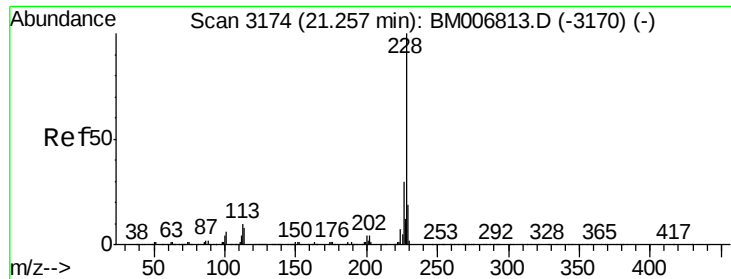
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#32
 Benzo(a)anthracene
 Concen: 27.72 ng/ul
 RT: 21.20 min Scan# 3165
 Delta R.T. 0.01 min
 Lab File: BM006822.D
 Acq: 01 Aug 2016 12:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	27.5	21.0	31.4





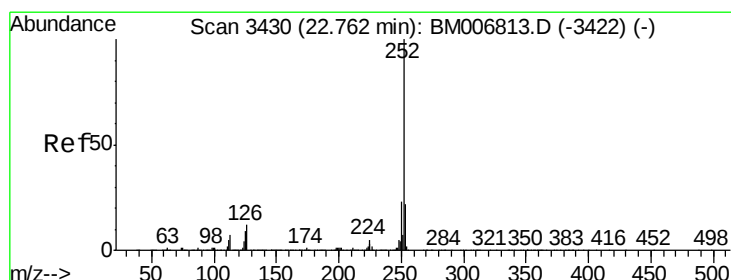
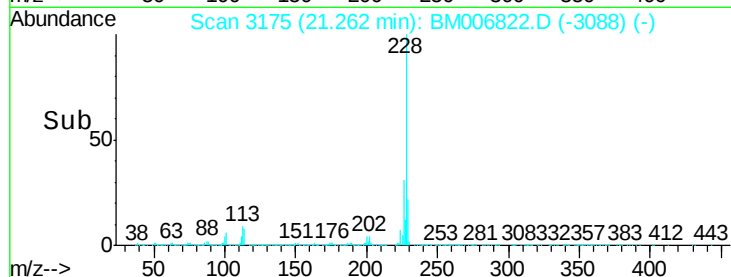
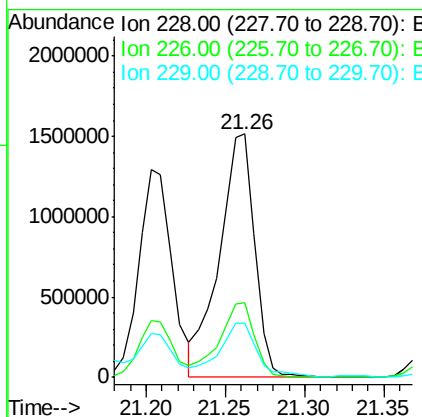
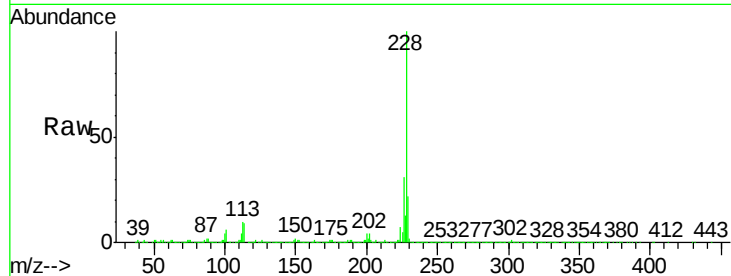
#33
Chrysene
Concen: 36.83 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BM006822.D
Acq: 01 Aug 2016 12:16

Instrument :
BNA_M
ClientSampleId :
D9ZL5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.4	16.2	24.2

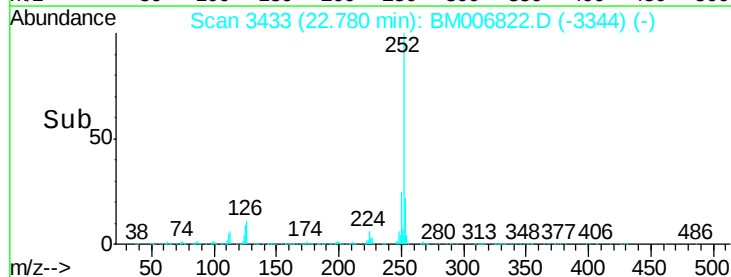
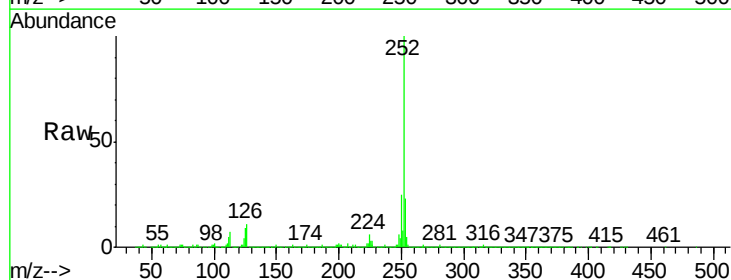
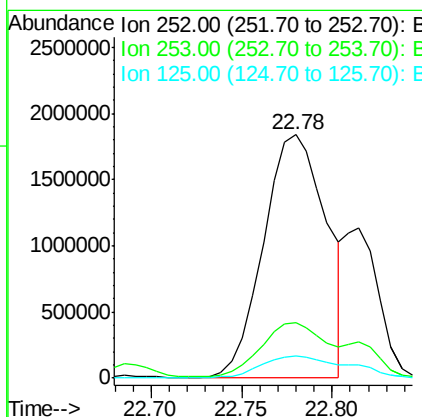
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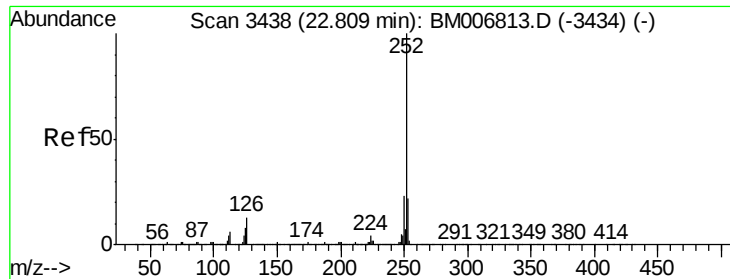
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#35
Benzo(b)fluoranthene
Concen: 56.63 ng/ul
RT: 22.78 min Scan# 3433
Delta R.T. 0.02 min
Lab File: BM006822.D
Acq: 01 Aug 2016 12:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	9.1	7.6	11.4





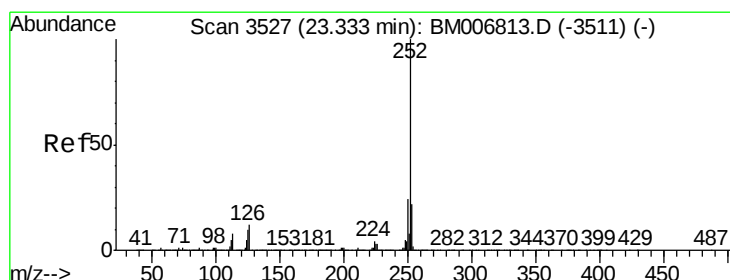
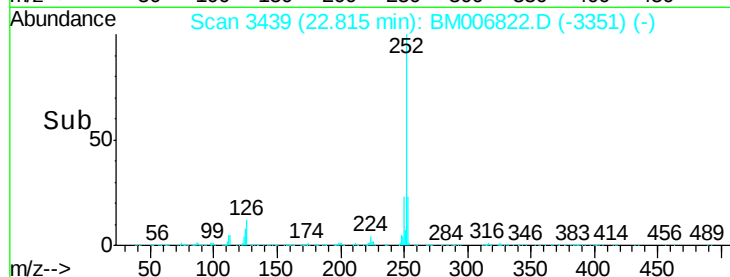
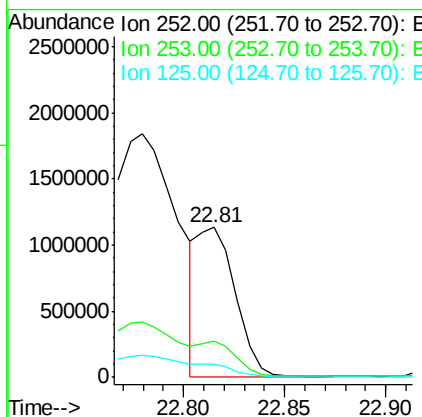
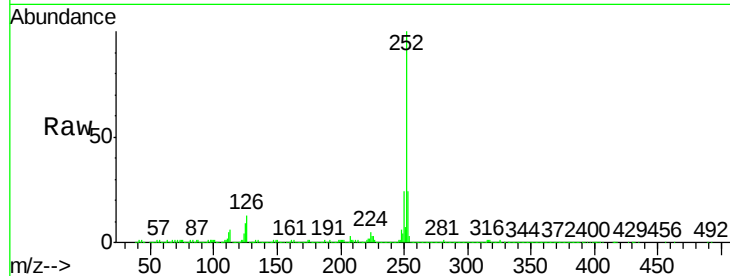
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Benzo(k)fluoranthene
Concen: 19.37 ng/ul m
RT: 22.81 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006822.D
Acq: 01 Aug 2016 12:16

Instrument :
BNA_M
ClientSampled :
D9ZL5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	8.8	7.7	11.5

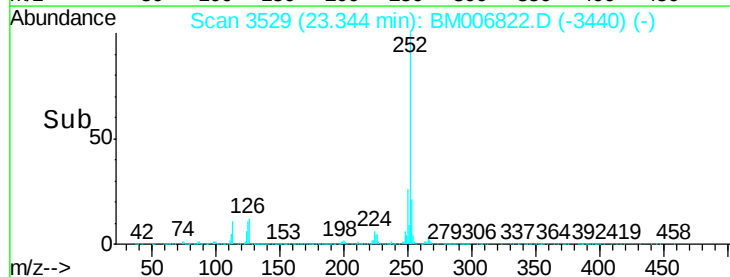
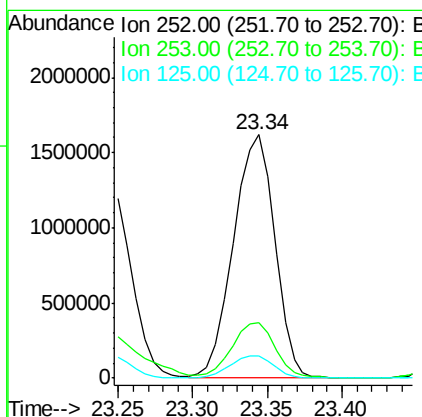
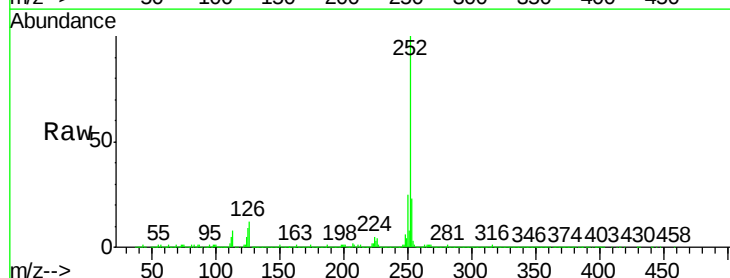
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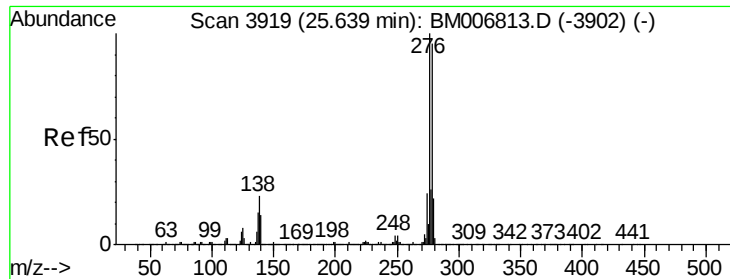
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#38
Benzo(a)pyrene
Concen: 40.85 ng/ul
RT: 23.34 min Scan# 3529
Delta R.T. 0.02 min
Lab File: BM006822.D
Acq: 01 Aug 2016 12:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	9.1	8.2	12.2





#39

Indeno(1,2,3-cd)pyrene

Concen: 31.33 ng/ul

RT: 25.66 min Scan# 3922

Delta R.T. 0.04 min

Lab File: BM006822.D

Acq: 01 Aug 2016 12:16

Instrument :

BNA_M

ClientSampleId :

D9ZL5

Tgt Ion:276 Resp: 2759426

Ion Ratio Lower Upper

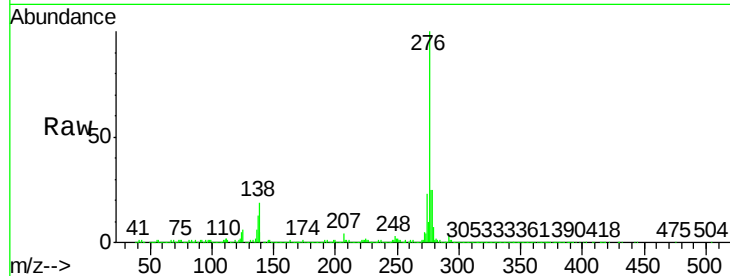
276 100

138 19.0 15.8 23.6

277 24.6 19.0 28.6

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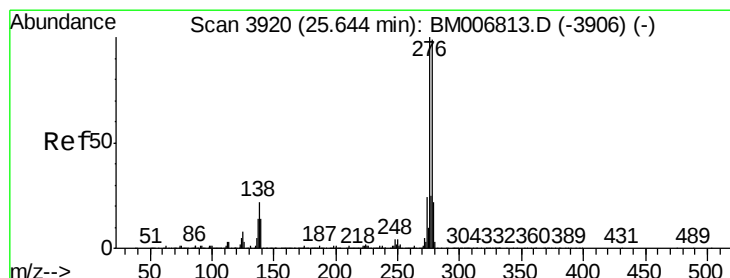
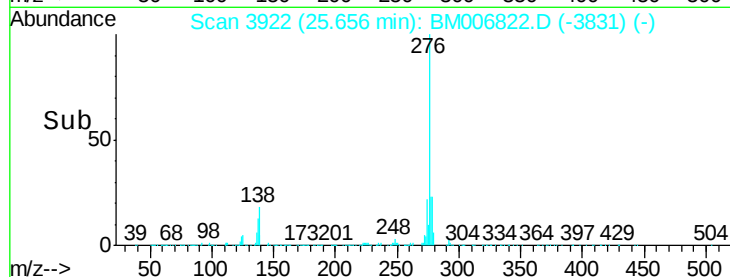
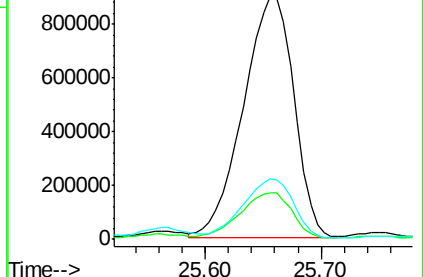
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40

Dibenzo(a,h)anthracene

Concen: 10.40 ng/ul

RT: 25.65 min Scan# 3921

Delta R.T. 0.02 min

Lab File: BM006822.D

Acq: 01 Aug 2016 12:16

Tgt Ion:278 Resp: 759300

Ion Ratio Lower Upper

278 100

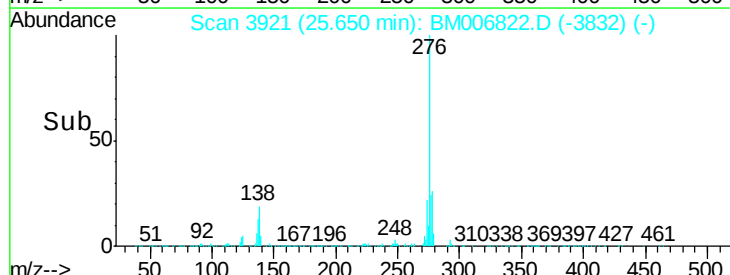
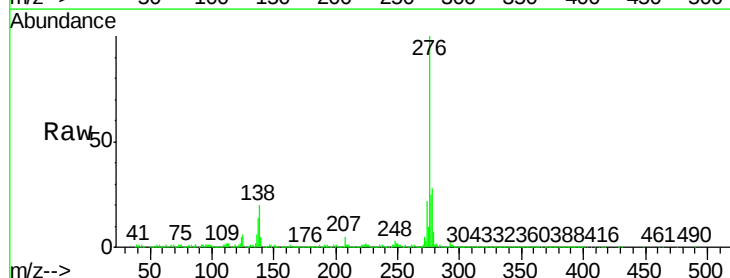
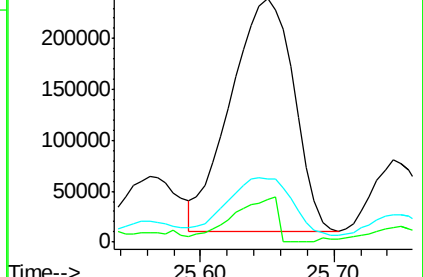
139 17.5 12.1 18.1

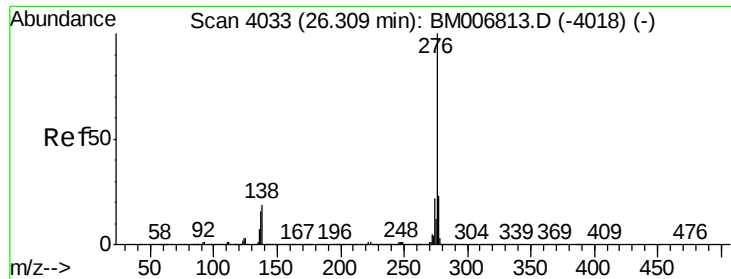
279 25.9 19.8 29.8

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





#41

Benzo(g,h,i)perylene

Concen: 30.11 ng/ul

RT: 26.34 min Scan# 4039

Delta R.T. 0.05 min

Lab File: BM006822.D

Acq: 01 Aug 2016 12:16

Instrument :

BNA_M

ClientSampleId :

D9ZL5

Tgt Ion: 276 Resp: 2273094

Ion Ratio Lower Upper

276 100

138 19.4 13.9 20.9

277 24.3 19.8 29.6

Manual Integrations

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