

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013987.D
 Acq On : 30 Jan 2018 08:40
 Operator : SJ/JU
 Sample : J1244-12DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6B53DL

Manual Integrations
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Sohil
 1/30/2018 3:35:01 PM

Quant Time: Jan 30 13:24:49 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	102713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	404527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	255072	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	609840	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	749772	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	770327	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2554	0.98	ng/uL	0.00
5) Phenol-d5	6.76	99	41828	5.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	25902	5.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	37468m	5.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	33007	5.45	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	19046	6.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	16642	5.02	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	33193	5.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	34520	6.21	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	139616	6.64	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	173759	6.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	5307	1.55	ng/ul	0.04
57) Fluorene-d10	15.22	176	123871	6.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	10974	2.99	ng/ul	0.02
70) Anthracene-d10	17.07	188	201181	6.77	ng/ul	0.00
76) Pyrene-d10	19.38	212	238495	6.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	243675	6.88	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.39	128	151851	7.545	ng/ul 98
34) 2-Methylnaphthalene	12.02	142	121654	8.108	ng/ul 97
40) 1,1'-Biphenyl	13.05	154	37998	1.790	ng/ul 95
44) Dimethylphthalate	13.69	163	42039	2.034	ng/ul 98
49) Acenaphthene	14.29	153	163748	9.639	ng/ul 98
53) Dibenzofuran	14.63	168	161327	6.313	ng/ul 96
58) Fluorene	15.27	166	158933	7.592	ng/ul 93
69) Phenanthrene	17.02	178	793573	23.410	ng/ul 99
71) Anthracene	17.12	178	86294	2.468	ng/ul 97
74) Fluoranthene	19.04	202	466176	11.521	ng/ul# 98
77) Pyrene	19.41	202	314857	6.908	ng/ul 97
80) Benzo(a)anthracene	21.16	228	67038	1.480	ng/ul 96
82) Chrysene	21.22	228	49328	1.187	ng/ul 99

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

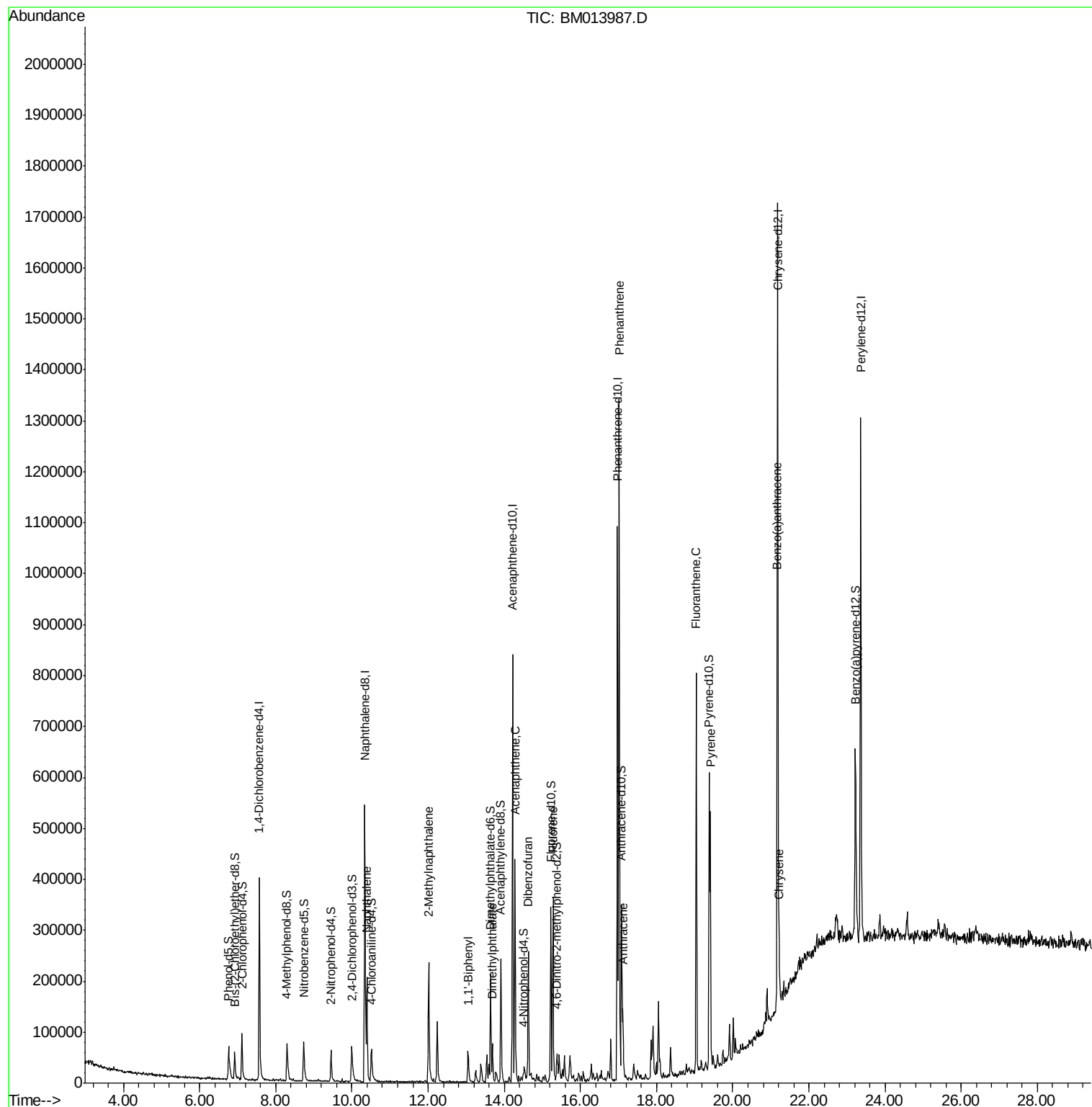
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013987.D
Acq On : 30 Jan 2018 08:40
Operator : SJ/JU
Sample : J1244-12DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

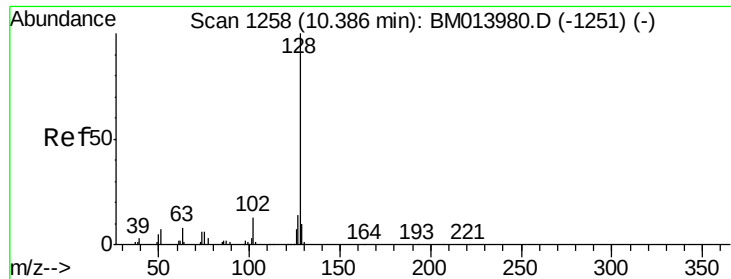
Instrument :
BNA_M
ClientSampleId :
F6B53DL

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Quant Time: Jan 30 13:24:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration





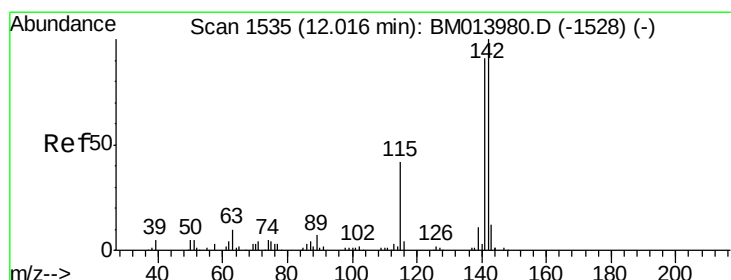
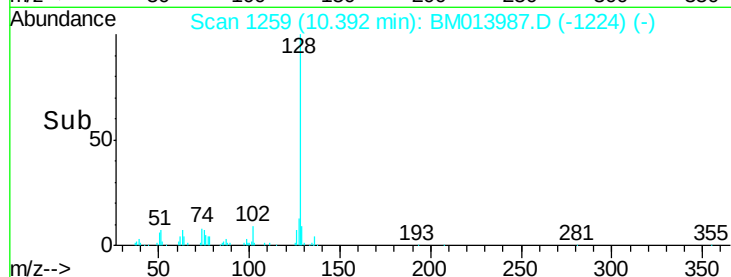
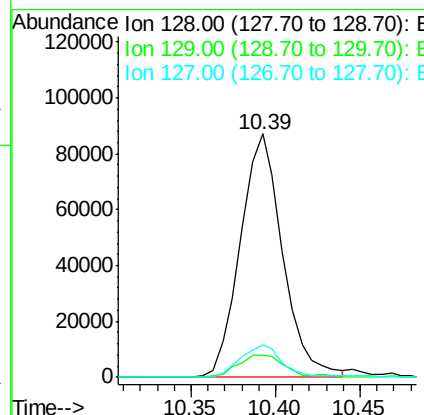
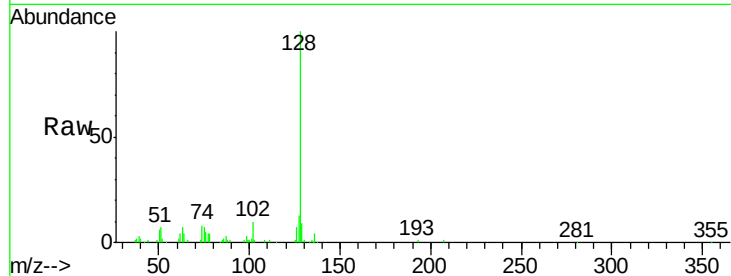
#28
Naphthalene
Concen: 7.545 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013987.D
Acq: 30 Jan 2018 08:40

Instrument :
BNA_M
ClientSampleId :
F6B53DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	151851		
129	9.2	8.8	13.2	
127	13.1	10.6	16.0	

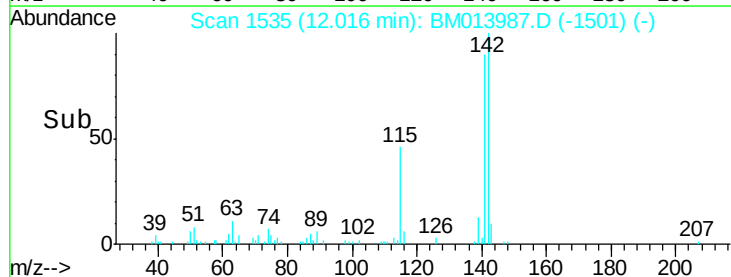
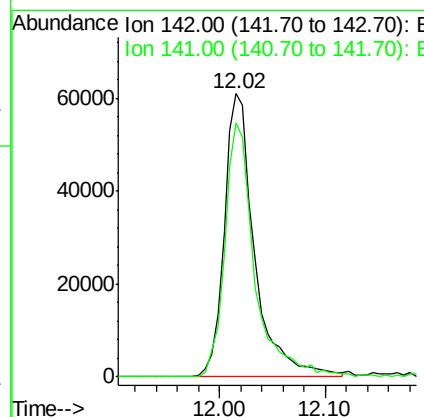
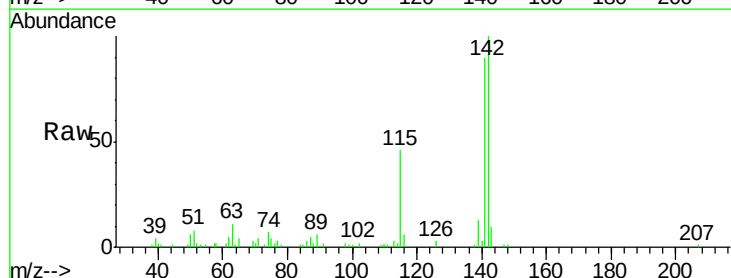
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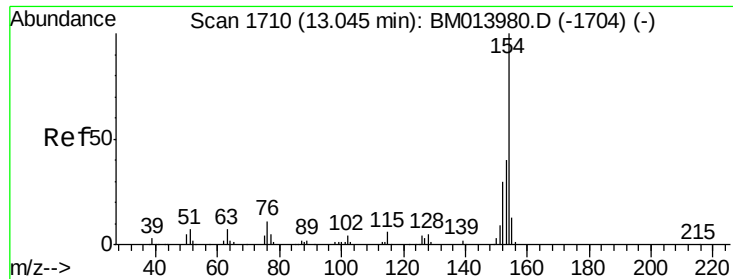
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#34
2-Methylnaphthalene
Concen: 8.108 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013987.D
Acq: 30 Jan 2018 08:40

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	121654		
141	89.8	74.1	111.1	





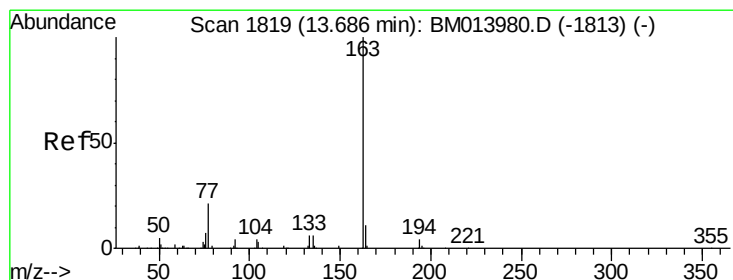
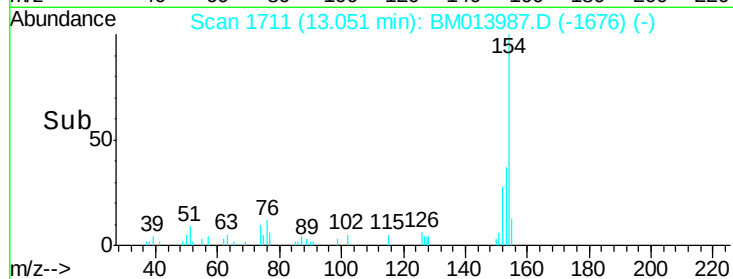
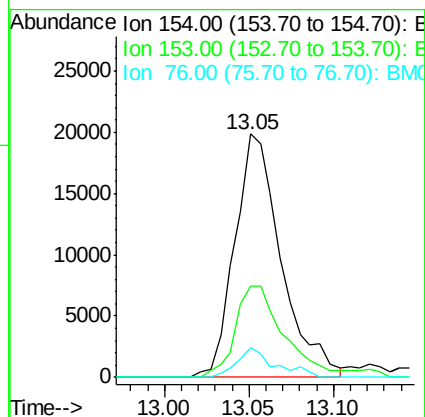
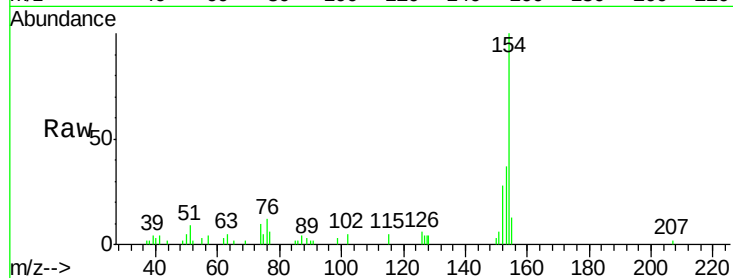
#40
 1,1'-Biphenyl
 Concen: 1.790 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BM013987.D
 Acq: 30 Jan 2018 08:40

Instrument :
 BNA_M
 ClientSampled :
 F6B53DL

Tot Ion:	154	Resp:	37998
Ion Ratio	Lower	Upper	
154	100		
153	37.5	32.6	48.8
76	12.2	8.5	12.7

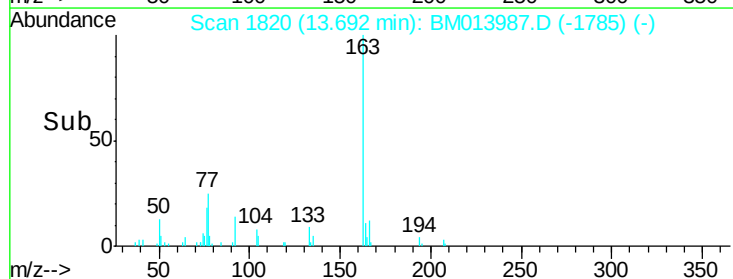
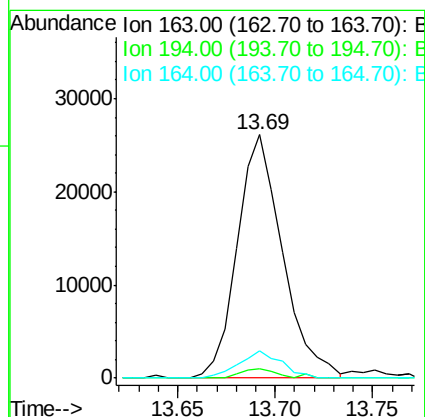
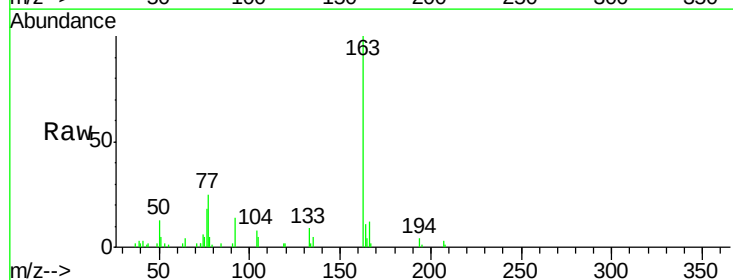
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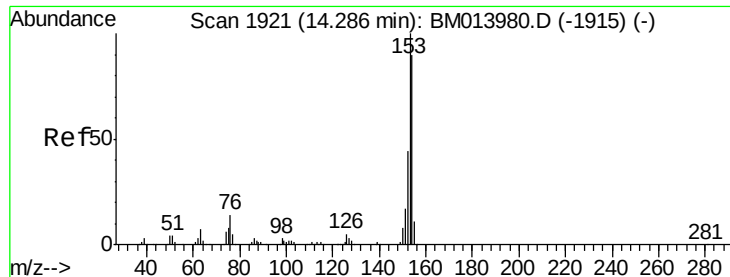
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#44
 Dimethylphthalate
 Concen: 2.034 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BM013987.D
 Acq: 30 Jan 2018 08:40

Tgt Ion:	163	Resp:	42039
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.5	5.3
164	11.0	8.2	12.4





#49

Acenaphthene

Concen: 9.639 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM013987.D

Acq: 30 Jan 2018 08:40

Instrument :

BNA_M

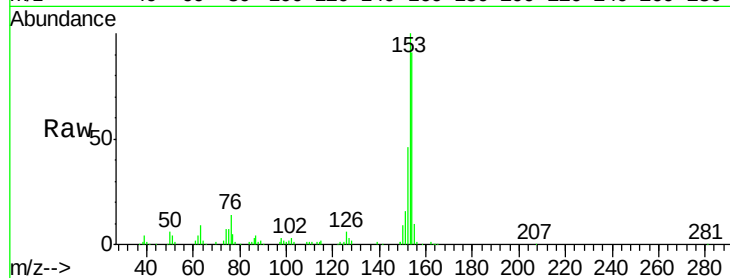
ClientSampleId :

F6B53DL

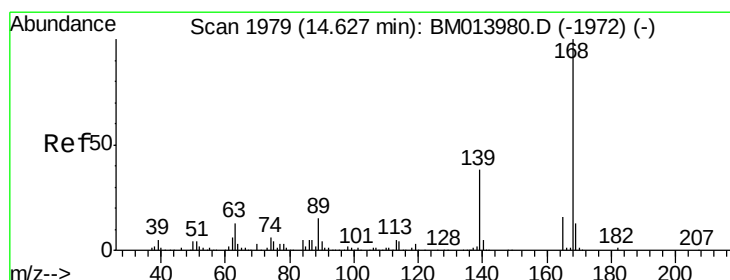
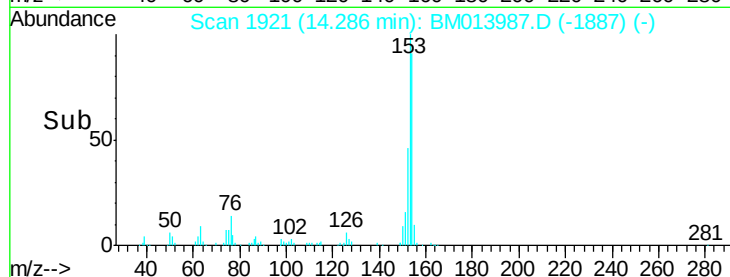
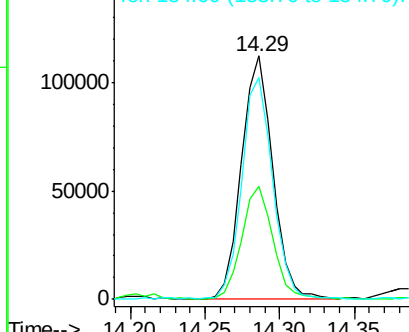
Tot Ion:	153	Resp:	163748
Ion Ratio	Lower	Upper	
153	100		
152	46.5	37.6	56.4
154	91.0	70.4	105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 6.313 ng/ul

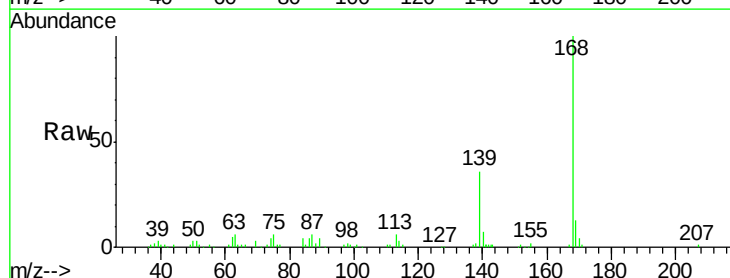
RT: 14.63 min Scan# 1979

Delta R.T. 0.00 min

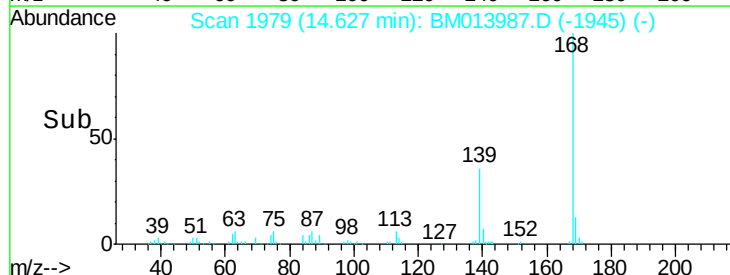
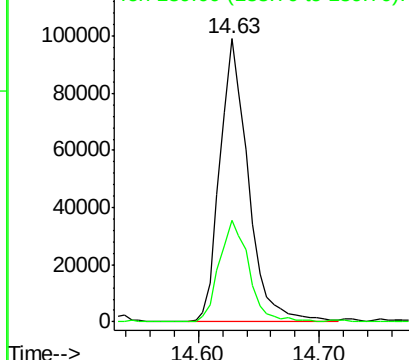
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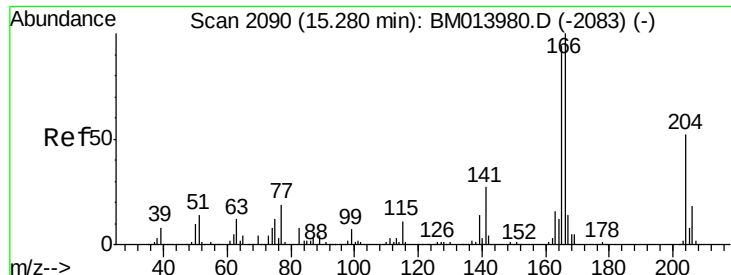
Acq: 30 Jan 2018 08:40

Tgt Ion:	168	Resp:	161327
Ion Ratio	Lower	Upper	
168	100		
139	35.9	30.8	46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





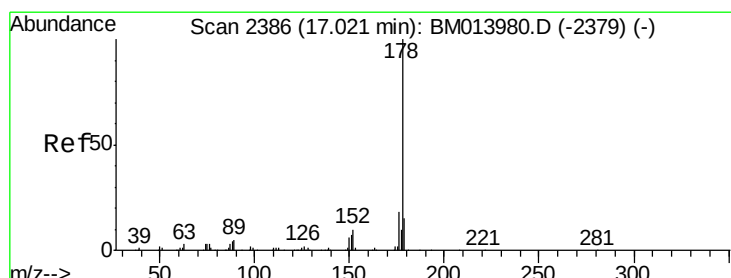
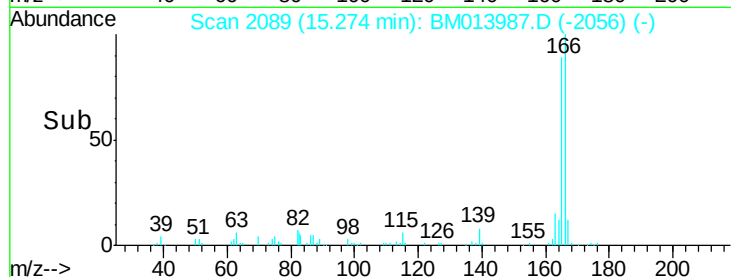
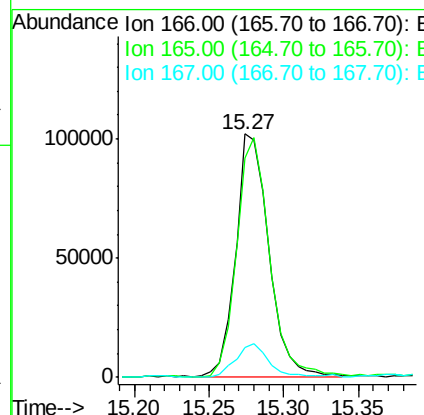
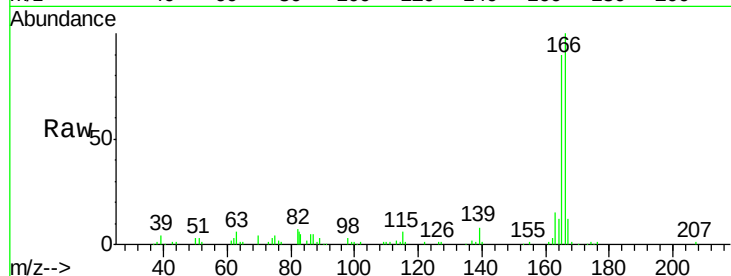
#58
 Fluorene
 Concen: 7.592 ng/ul
 RT: 15.27 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BM013987.D
 Acq: 30 Jan 2018 08:40

Instrument :
 BNA_M
 ClientSampleID :
 F6B53DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	158933		
165	89.8	77.9	116.9	
167	12.3	10.6	16.0	

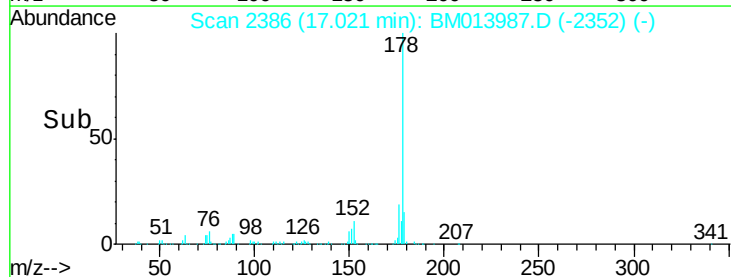
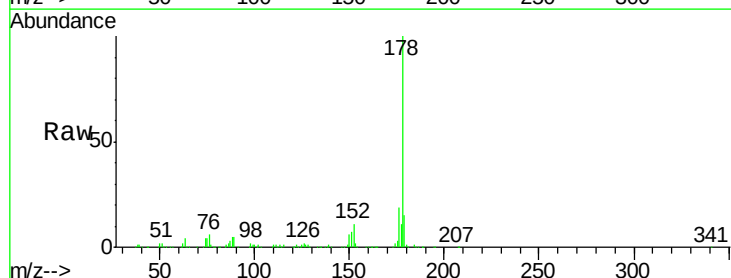
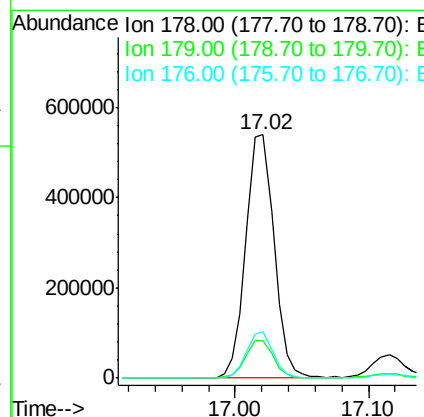
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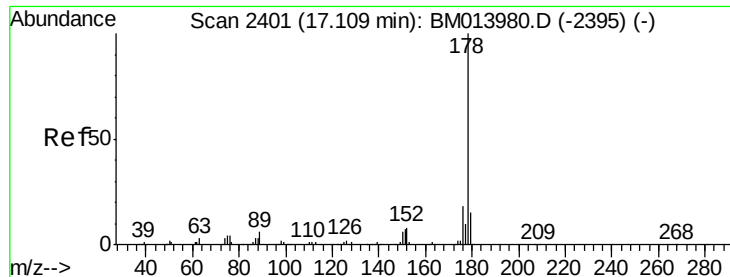
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#69
 Phenanthrene
 Concen: 23.410 ng/ul
 RT: 17.02 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM013987.D
 Acq: 30 Jan 2018 08:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	793573		
179	15.3	12.6	19.0	
176	19.1	14.9	22.3	





#71

Anthracene

Concen: 2.468 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BM013987.D

Acq: 30 Jan 2018 08:40

Instrument :

BNA_M

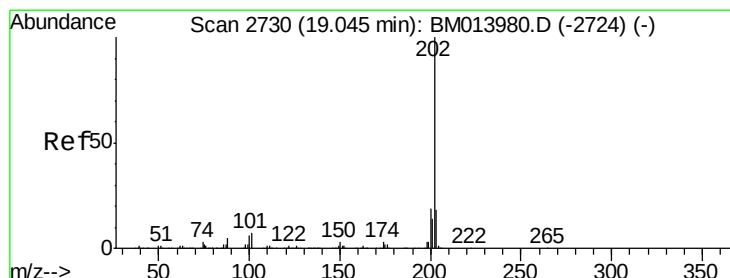
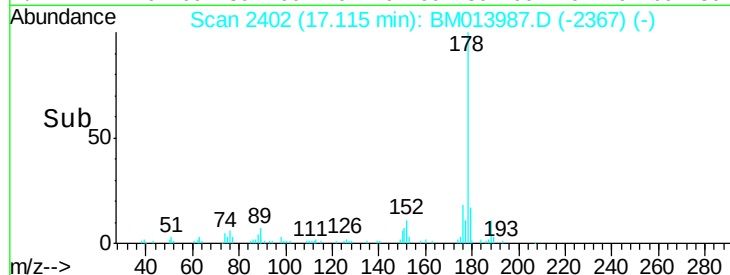
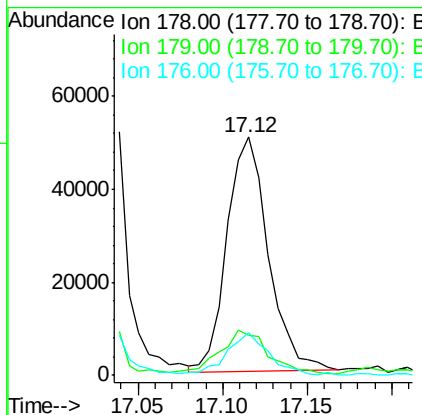
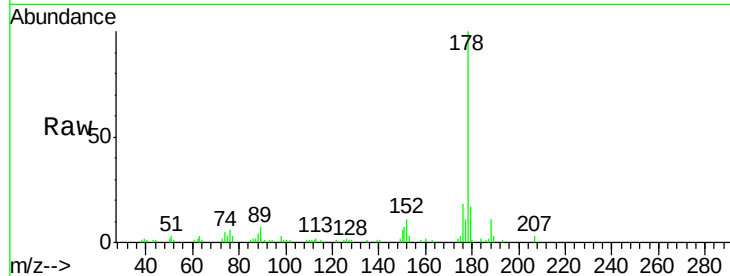
ClientSampled :

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Tot Ion:	178	Resp:	86294
Ion Ratio	Lower	Upper	
178	100		
179	17.0	11.7	17.5
176	17.9	14.6	21.8

Manual Integrations
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#74

Fluoranthene

Concen: 11.521 ng/ul

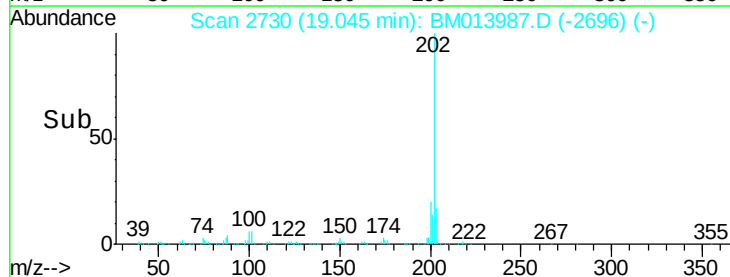
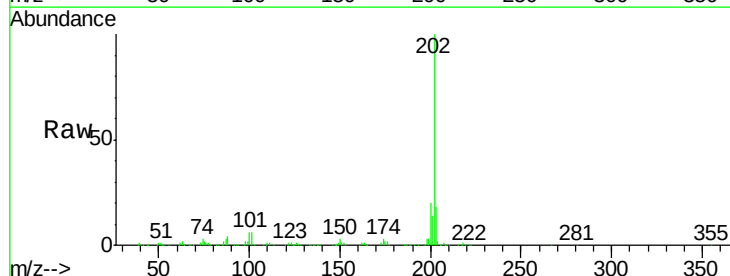
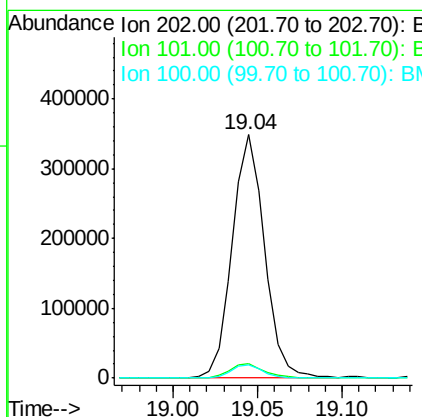
RT: 19.04 min Scan# 2730

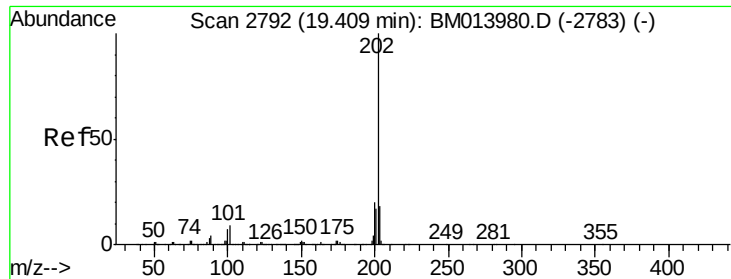
Delta R.T. 0.00 min

Lab File: BM013987.D

Acq: 30 Jan 2018 08:40

Tgt Ion:	202	Resp:	466176
Ion Ratio	Lower	Upper	
202	100		
101	6.1	4.6	7.0
100	5.6	3.4	5.2#





#77

Pvrene

Concen: 6.908 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM013987.D

Acq: 30 Jan 2018 08:40

Instrument :

BNA_M

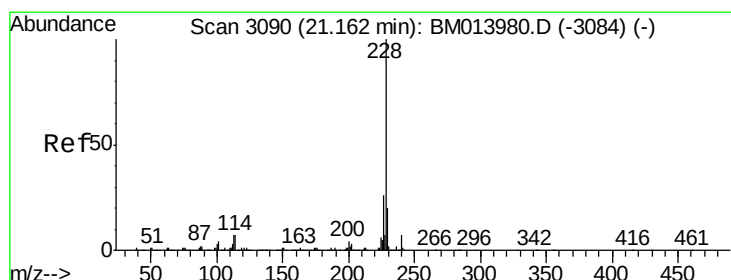
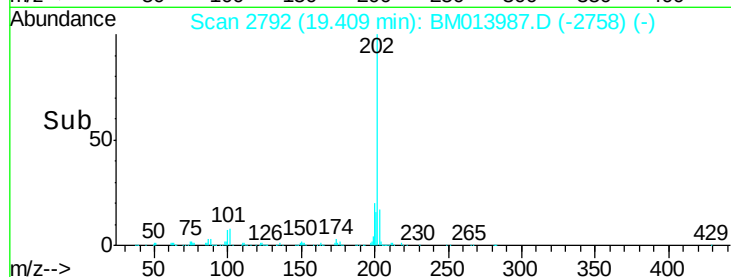
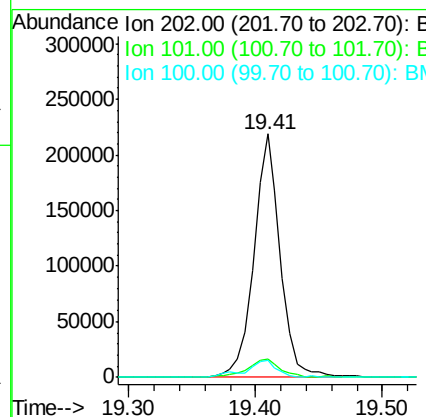
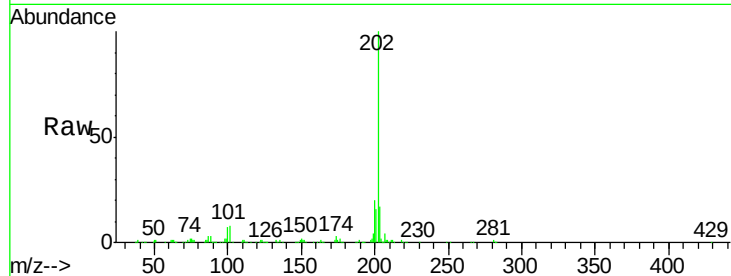
ClientSampled :

F6B53DL

Tot Ion:	202	Resp:	314857
Ion Ratio	Lower	Upper	
202	100		
101	7.5	5.1	7.7
100	6.9	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 1.480 ng/ul

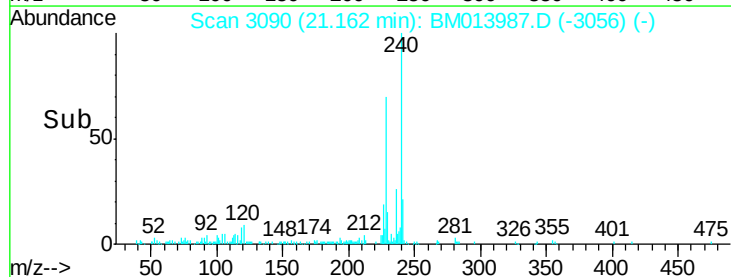
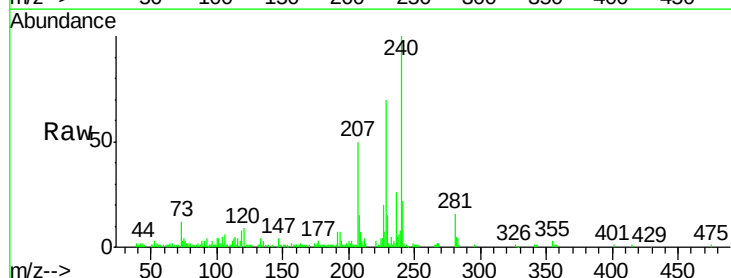
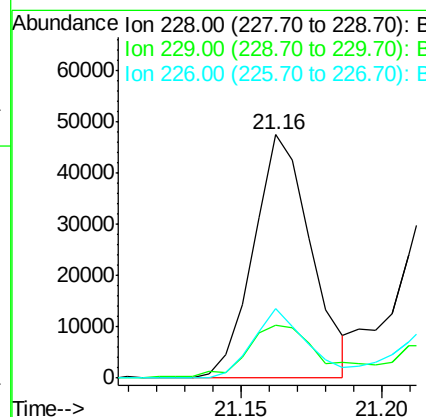
RT: 21.16 min Scan# 3090

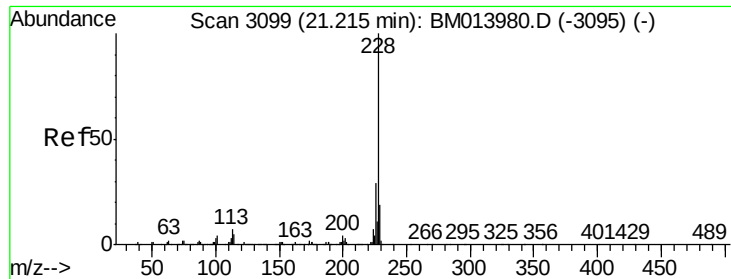
Delta R.T. 0.00 min

Lab File: BM013987.D

Acq: 30 Jan 2018 08:40

Tgt Ion:	228	Resp:	67038
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.4	23.0
226	28.5	21.4	32.0





#82
 Chrysene
 Concen: 1.187 ng/ul
 RT: 21.22 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BM013987.D
 Acq: 30 Jan 2018 08:40

Instrument :
 BNA_M
 ClientSampleId :
 F6B53DL

Tot Ion:	228	Resp:	49328
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.4	35.2
229	18.4	15.5	23.3

Manual Integrations
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