

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014555.D
 Acq On : 13 Mar 2018 22:28
 Operator : SJ/JU
 Sample : J1835-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F13

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:36:07 PM

Quant Time: Mar 14 02:55:12 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 02:08:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	127953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	534287	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	287770	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.91	188	545087	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	344626	20.00	ng/ul	0.00
83) Perylene-d12	23.31	264	326057	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	5623m	1.88	ng/uL	0.01
5) Phenol-d5	6.70	99	207613	19.20	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	118772	18.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	167435	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	139727	14.77	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	86839	21.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	101606	24.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	186296	22.01	ng/ul	0.01
29) 4-Chloroaniline-d4	10.44	131	39998	4.80	ng/ul	0.02
43) Dimethylphthalate-d6	13.56	166	623153	26.22	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	725621	24.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	68174m	20.78	ng/ul	0.00
57) Fluorene-d10	15.14	176	488596	22.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	54608	16.70	ng/ul	0.00
70) Anthracene-d10	17.01	188	645685	24.55	ng/ul	0.00
76) Pyrene-d10	19.32	212	547553	30.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.17	264	403372	25.42	ng/ul	0.02

Target Compounds

				Ovalue	
6) Phenol	6.72	94	15162m	1.336	ng/ul
34) 2-Methylnaphthalene	11.93	142	50641m	2.425	ng/ul
44) Dimethylphthalate	13.62	163	87401	3.730	ng/ul# 95
69) Phenanthrene	16.95	178	126486	4.027	ng/ul# 95
77) Pyrene	19.35	202	88408	3.860	ng/ul# 85
80) Benzo(a)anthracene	21.12	228	28996	1.348	ng/ul# 77
82) Chrysene	21.17	228	47253	2.355	ng/ul# 85
91) Benzo(a,h,i)perylene	26.14	276	29527	1.925	ng/ul# 81

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

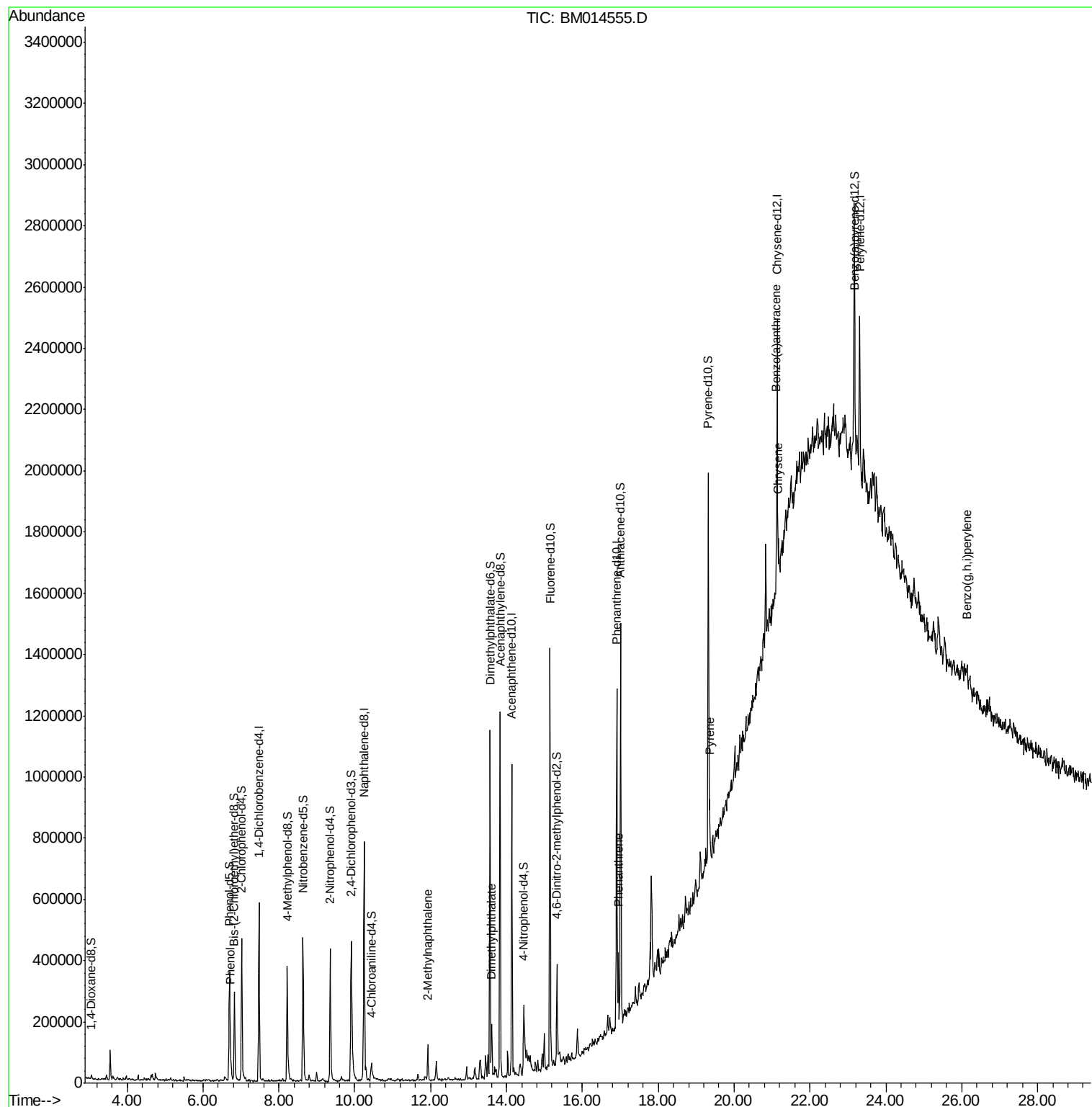
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
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ALS Vial : 15 Sample Multiplier: 1

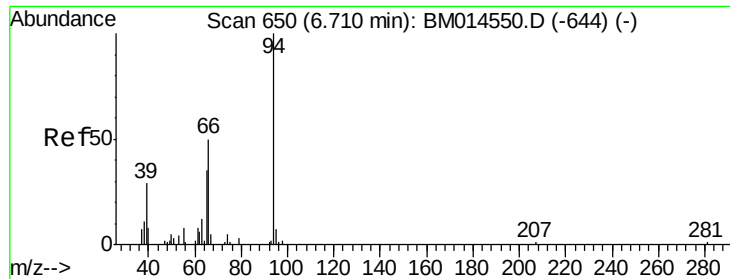
Instrument :
BNA_M
ClientSampled :
F6F13

Quant Time: Mar 14 02:55:12 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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#6

Phenol

Concen: 1.336 ng/ul m

RT: 6.72 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

Instrument :

BNA_M

ClientSampled :

F6F13

Tot Ion: 94 Resp: 15162

Ion Ratio Lower Upper

94 100

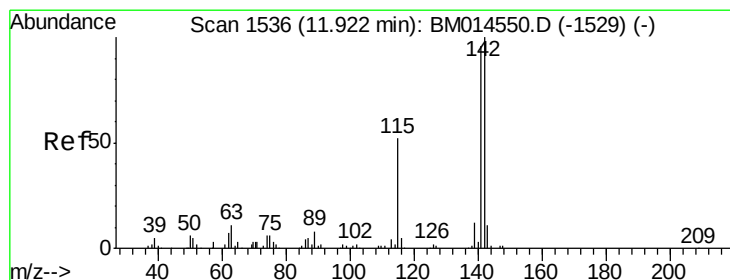
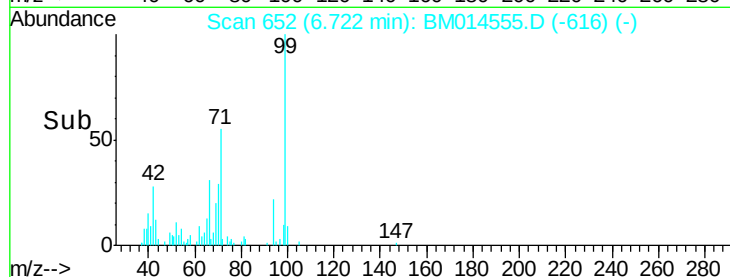
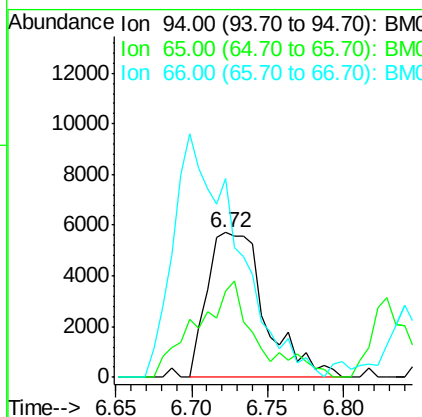
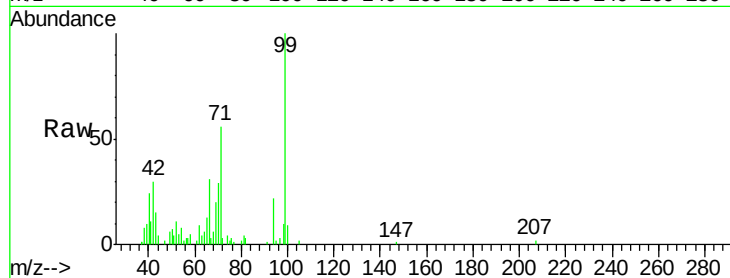
65 59.4 28.2 42.4#

66 137.5 47.2 70.8#

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#34

2-Methylnaphthalene

Concen: 2.425 ng/ul m

RT: 11.93 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM014555.D

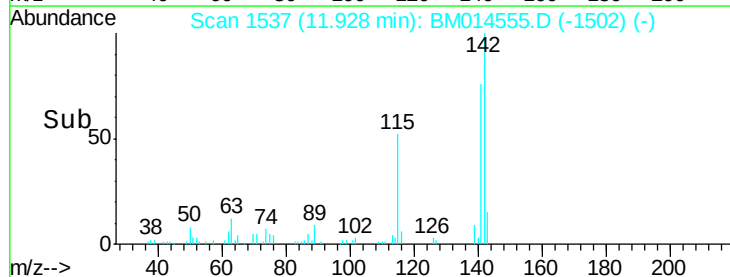
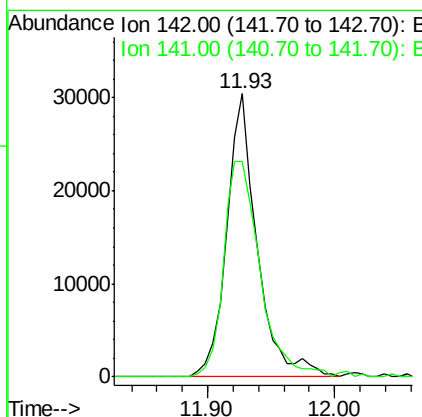
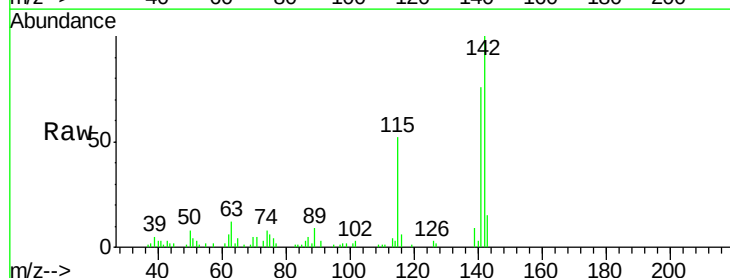
Acq: 13 Mar 2018 22:28

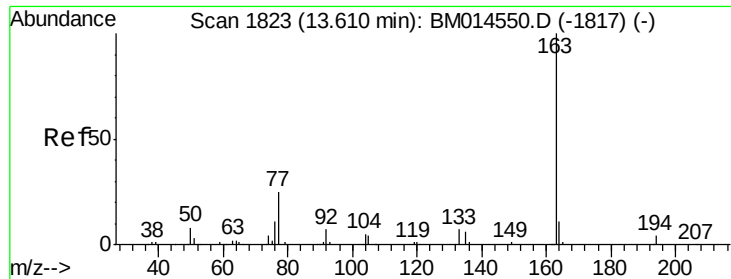
Tgt Ion: 142 Resp: 50641

Ion Ratio Lower Upper

142 100

141 76.0 74.1 111.1





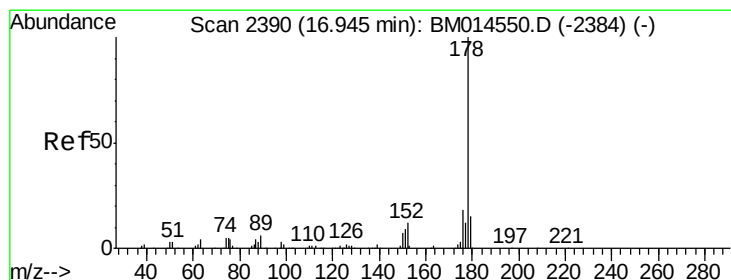
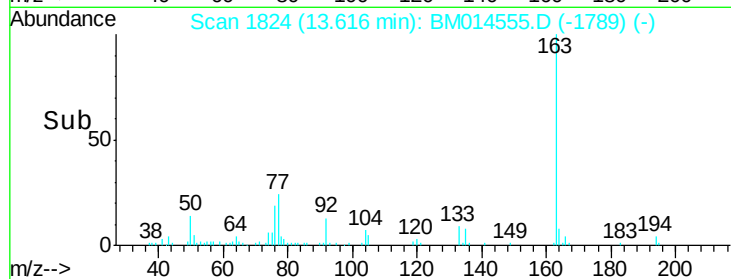
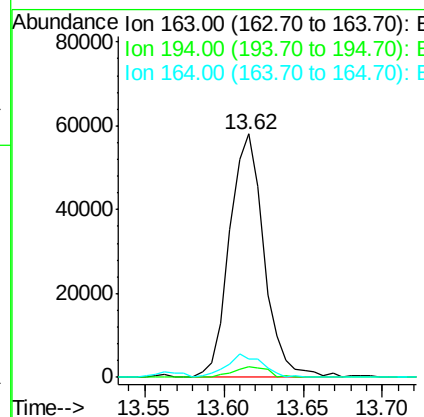
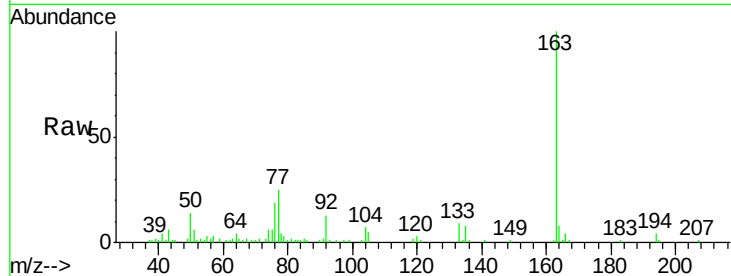
#44
Dimethylphthalate
Concen: 3.730 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BM014555.D
Acq: 13 Mar 2018 22:28

Instrument :
BNA_M
ClientSampled :
F6F13

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	7.6	8.2	12.4#

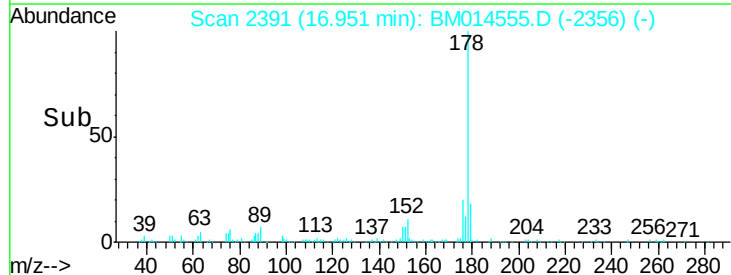
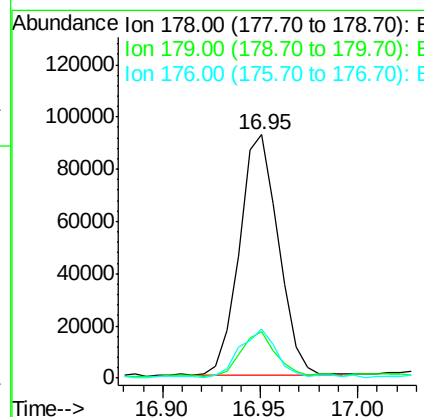
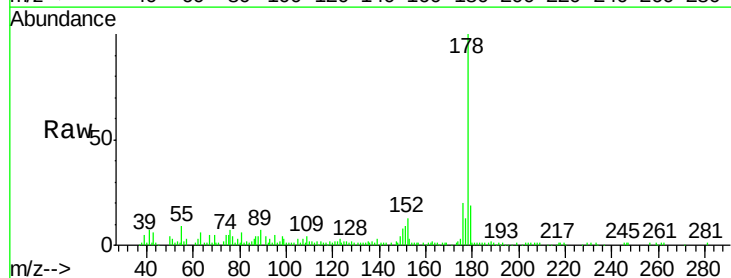
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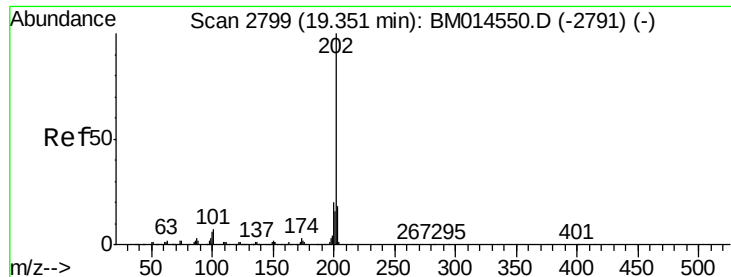
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#69
Phenanthrene
Concen: 4.027 ng/ul
RT: 16.95 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BM014555.D
Acq: 13 Mar 2018 22:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.6	19.0#
176	20.1	14.9	22.3





#77

Pvrene

Concen: 3.860 ng/ul

RT: 19.35 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

Instrument :

BNA_M

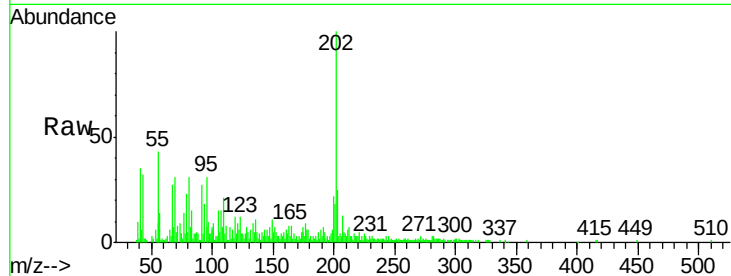
ClientSampleId :

F6F13

Tot Ion:	202	Resp:	88408
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	13.6	4.9	7.3#

Manual Integrations
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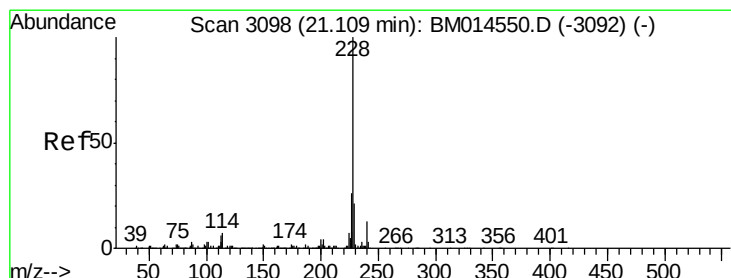
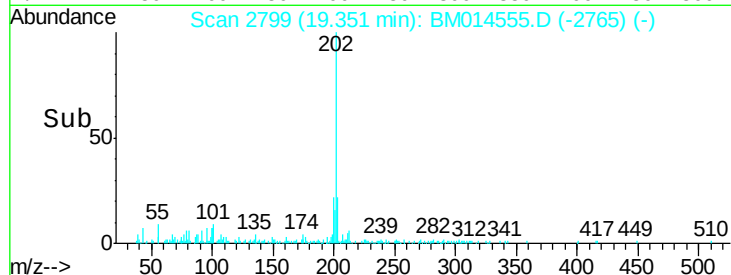
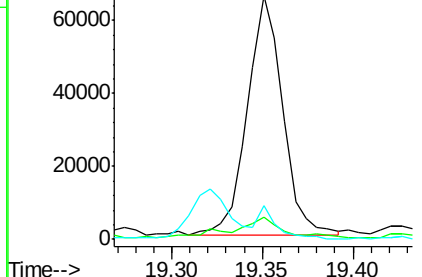
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 1.348 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM014555.D

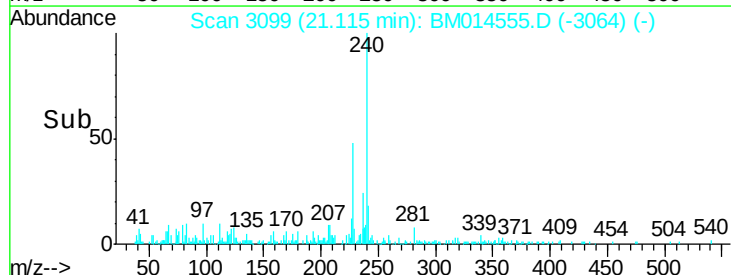
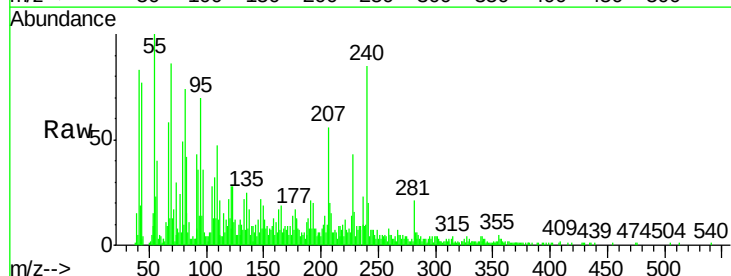
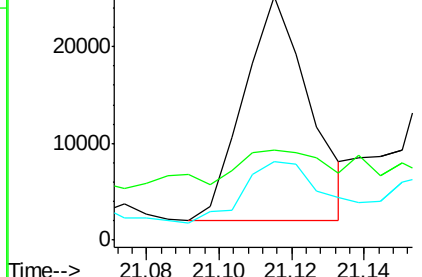
Acq: 13 Mar 2018 22:28

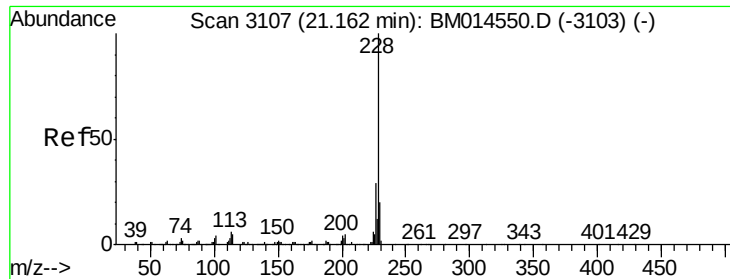
Tgt Ion:	228	Resp:	28996
Ion Ratio	Lower	Upper	
228	100		
229	36.7	15.4	23.0#
226	32.5	21.4	32.0#

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





#82

Chrysene

Concen: 2.355 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

Instrument :

BNA_M

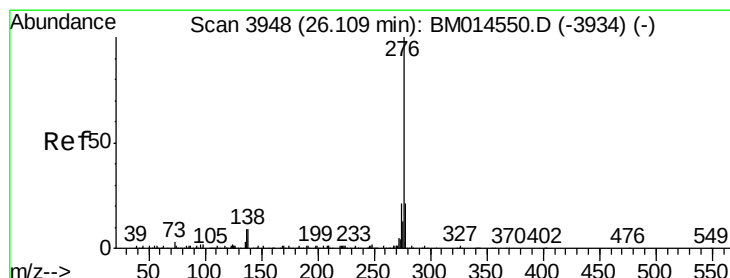
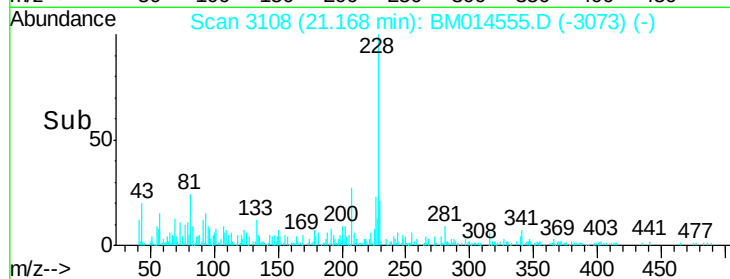
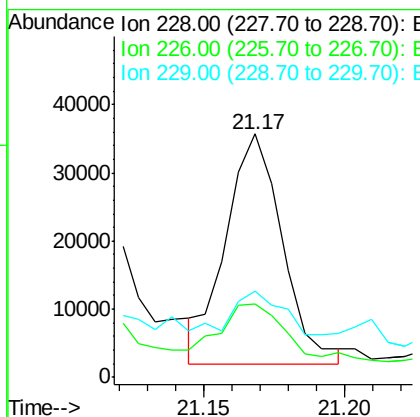
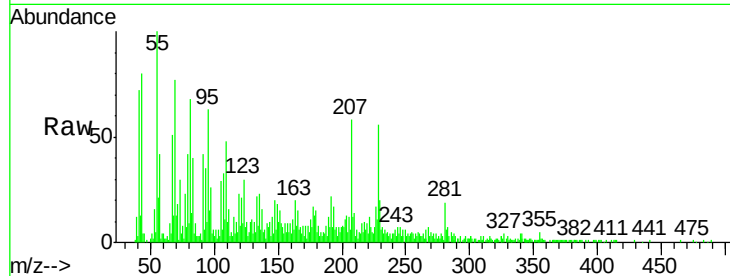
ClientSampled :

F6F13

Tot Ion:	228	Resp:	47253
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	35.2	15.5	23.3#

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#91

Benzo(g,h,i)perylene

Concen: 1.925 ng/ul

RT: 26.14 min Scan# 3954

Delta R.T. 0.04 min

Lab File: BM014555.D

Acq: 13 Mar 2018 22:28

Tgt Ion:	276	Resp:	29527
Ion	Ratio	Lower	Upper
276	100		
138	29.1	8.5	12.7#
277	26.0	18.6	28.0

