

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014343.D
 Acq On : 23 Feb 2018 22:32
 Operator : SJ/JU
 Sample : J1631-07DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y8DL

Manual Integrations
 APPROVED

Sohil
 2/26/2018 4:50:18 PM

Quant Time: Feb 24 01:18:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	121855	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	538329	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	322307	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	689150	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	678062	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	565876	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	1036	0.36	ng/uL	0.00
5) Phenol-d5	6.75	99	20654m	2.01	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.88	67	15033	2.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	19095	2.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	15356	1.70	ng/ul	0.02
19) Nitrobenzene-d5	8.70	128	9304m	2.34	ng/ul	0.02
22) 2-Nitrophenol-d4	9.41	143	8329	2.02	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	15109m	1.77	ng/ul	0.07
29) 4-Chloroaniline-d4	10.50	131	12173m	1.45	ng/ul	0.04
43) Dimethylphthalate-d6	13.61	166	73944	2.78	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	91062	2.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	136	0.04	ng/ul	0.11
57) Fluorene-d10	15.19	176	64995	2.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	3931m	0.95	ng/ul	0.03
70) Anthracene-d10	17.04	188	97293	2.93	ng/ul	0.00
76) Pyrene-d10	19.34	212	111143	3.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	80586	2.93	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.66	163	47472	1.809	ng/ul#	97
69) Phenanthrene	16.98	178	141974	3.576	ng/ul	98
74) Fluoranthene	19.01	202	233398	4.920	ng/ul#	96
77) Pyrene	19.37	202	215506	4.782	ng/ul#	92
80) Benzo(a)anthracene	21.13	228	107132	2.532	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	390208	14.623	ng/ul#	97
82) Chrysene	21.19	228	105507	2.673	ng/ul	98
85) Benzo(b)fluoranthene	22.68	252	110596	2.919	ng/ul#	85
88) Benzo(a)pyrene	23.22	252	78705	2.325	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.47	276	54309	1.653	ng/ul#	86
91) Benzo(g,h,i)perylene	26.13	276	42529	1.598	ng/ul#	69

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

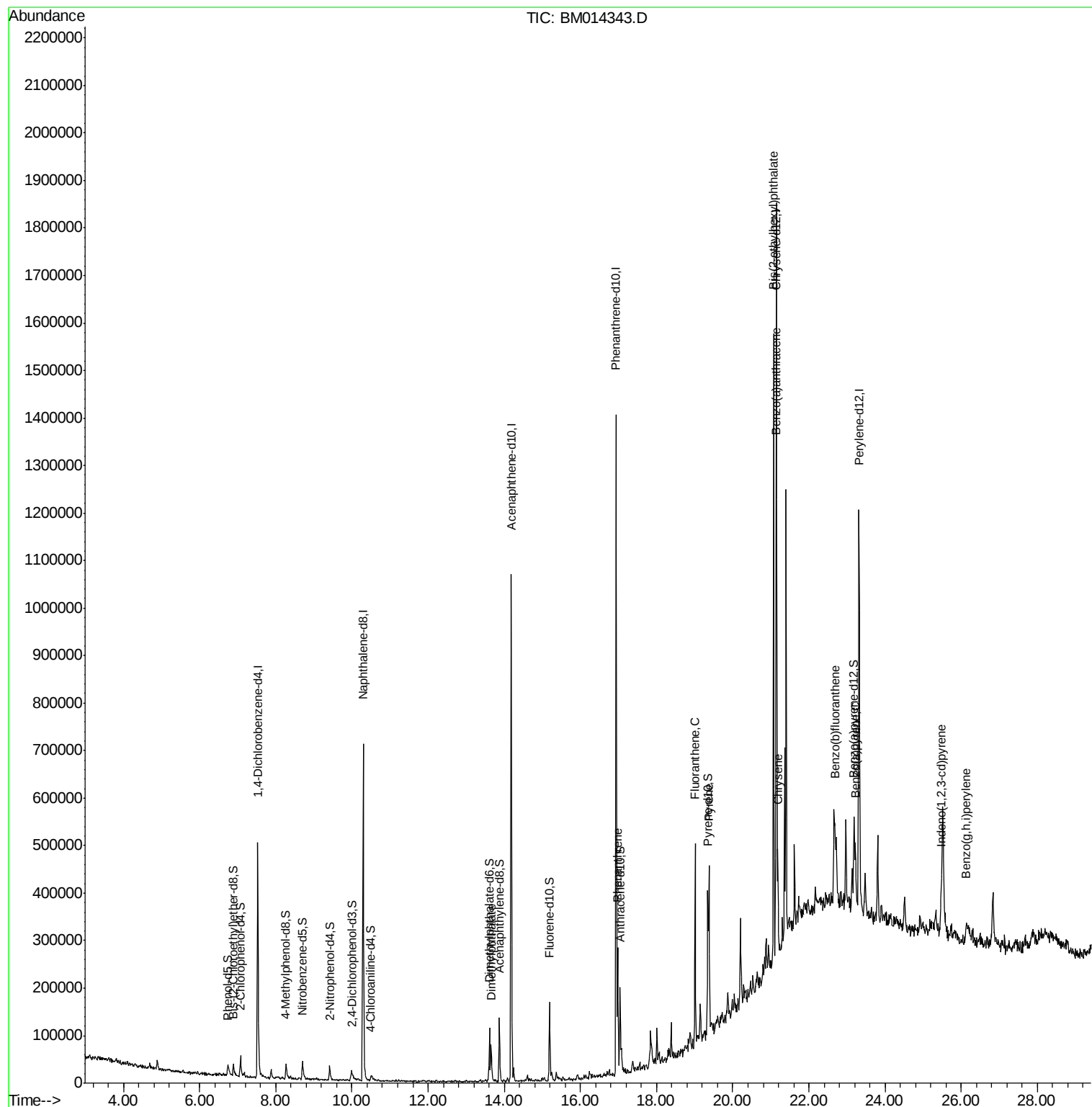
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

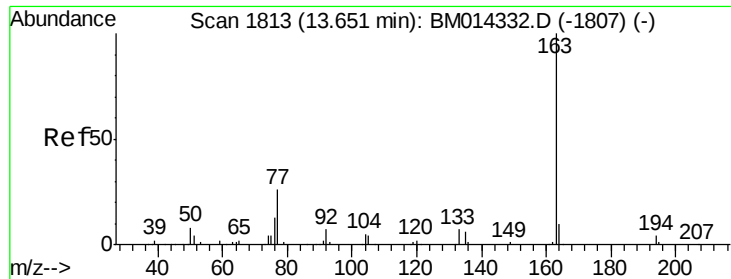
Instrument :
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ClientSampleId :
BE5Y8DL

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2/26/2018 4:50:18 PM

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.809 ng/ul

RT: 13.66 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Instrument :

BNA_M

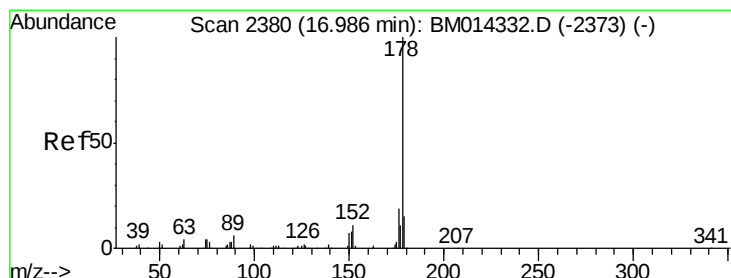
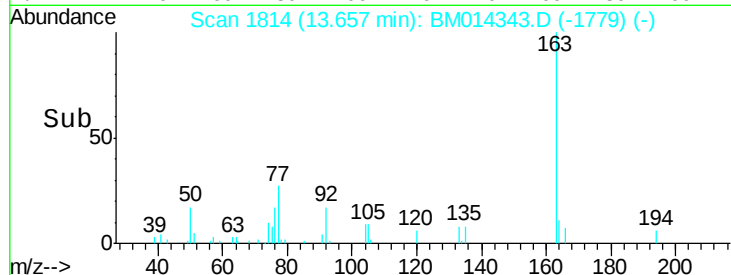
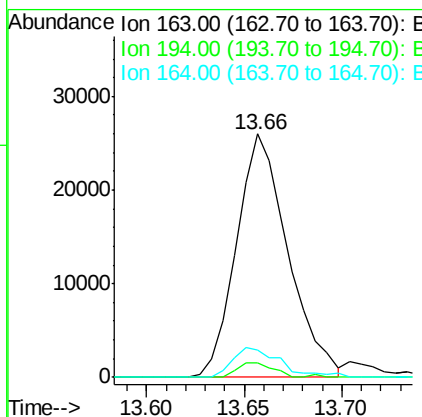
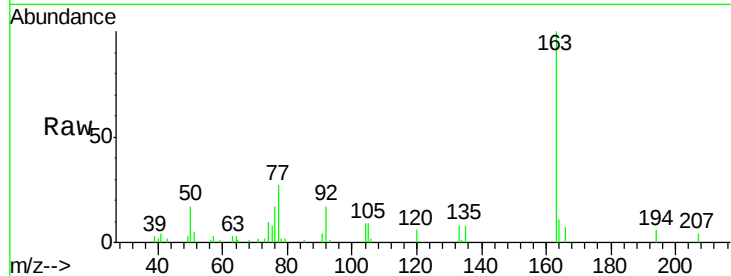
ClientSampleId :

BE5Y8DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.5	5.3#
164	11.0	8.2	12.4

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#69

Phenanthrene

Concen: 3.576 ng/ul

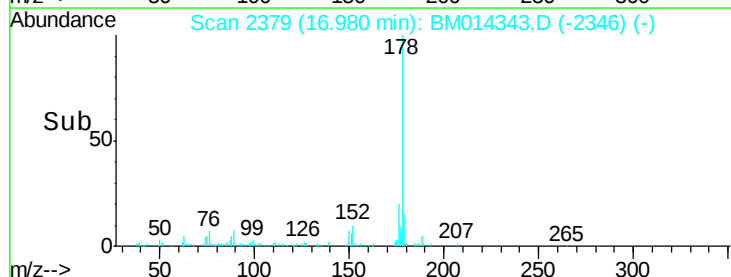
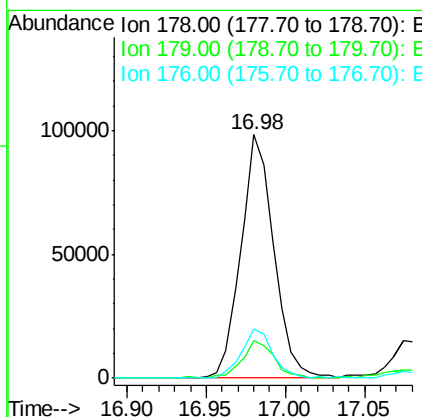
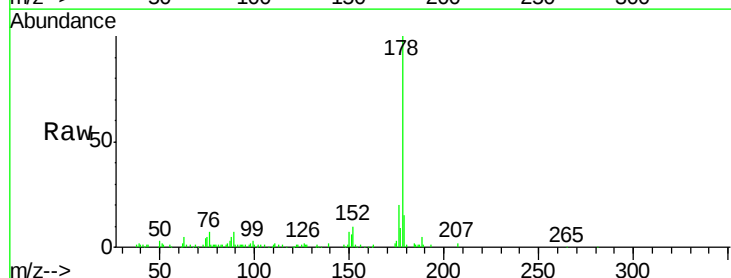
RT: 16.98 min Scan# 2379

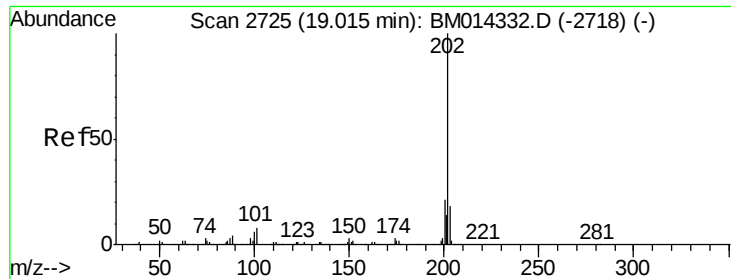
Delta R.T. -0.01 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.9	14.9	22.3





#74

Fluoranthene

Concen: 4.920 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Instrument :

BNA_M

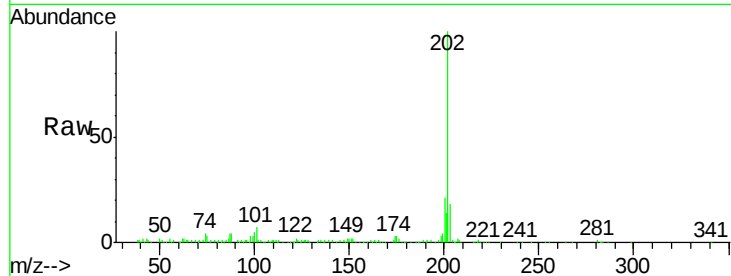
ClientSampleId :

BE5Y8DL

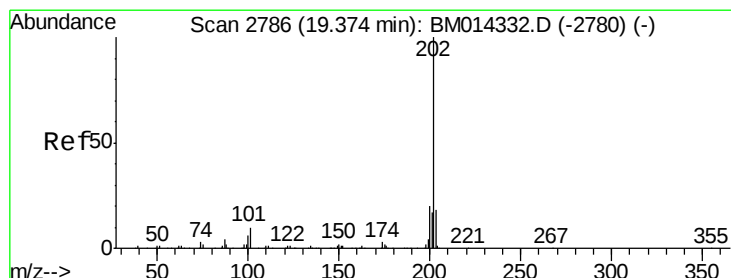
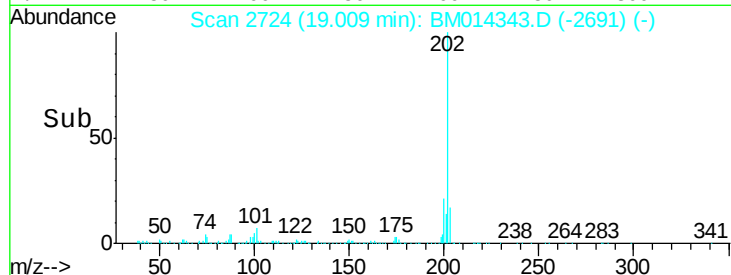
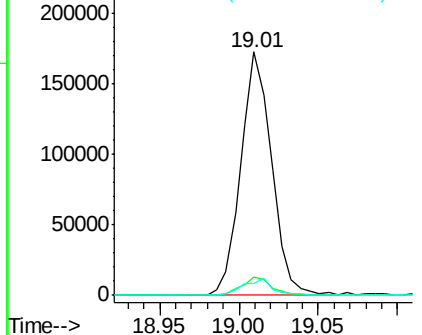
Tot Ion	Ratio	Resp	Lower	Upper
202	100	233398		
101	7.5	4.6	7.0#	
100	5.0	3.4	5.2	

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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



#77

Pyrene

Concen: 4.782 ng/ul

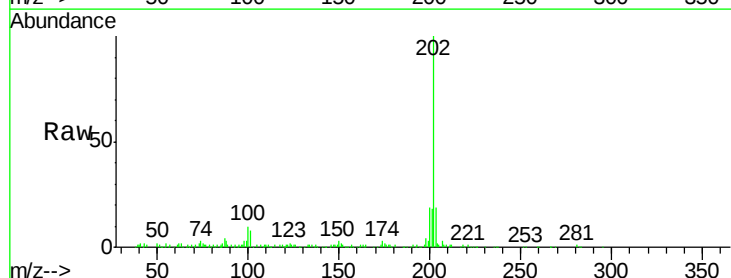
RT: 19.37 min Scan# 2786

Delta R.T. 0.00 min

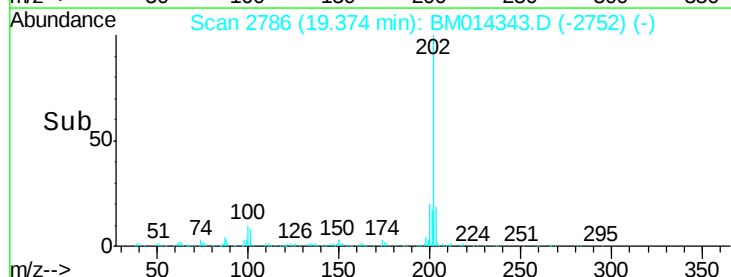
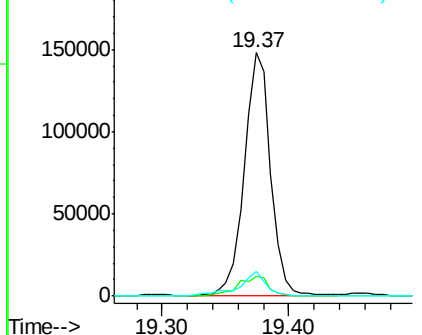
Lab File: BM014343.D

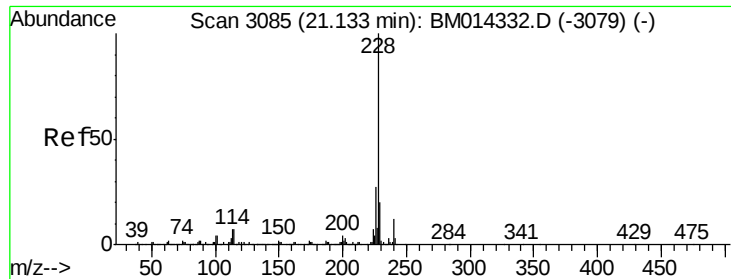
Acq: 23 Feb 2018 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	215506		
101	7.9	5.1	7.7#	
100	10.0	4.9	7.3#	



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: 2.532 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Instrument :

BNA_M

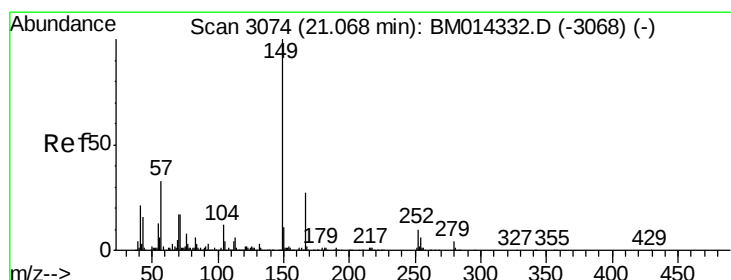
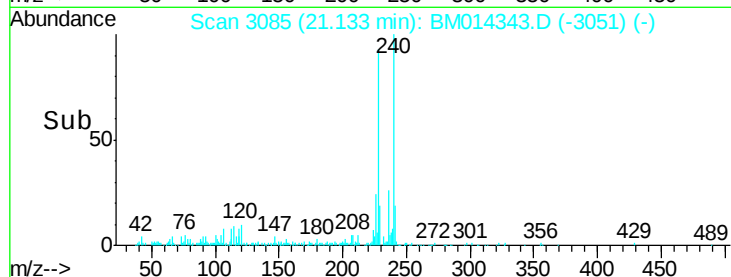
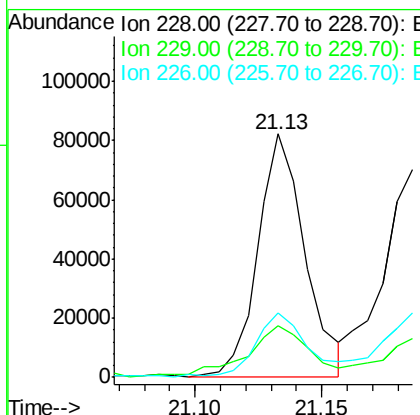
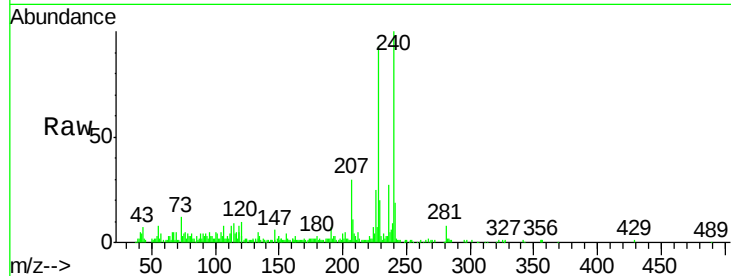
ClientSampled :

BE5Y8DL

Tot Ion:	228	Resp:	107132
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.4	23.0
226	26.5	21.4	32.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 14.623 ng/ul

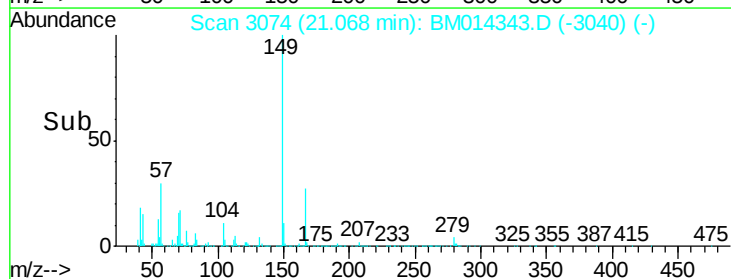
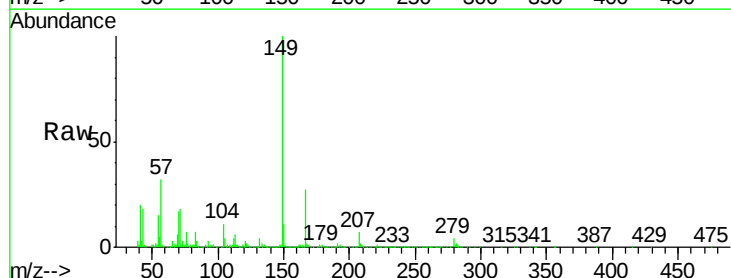
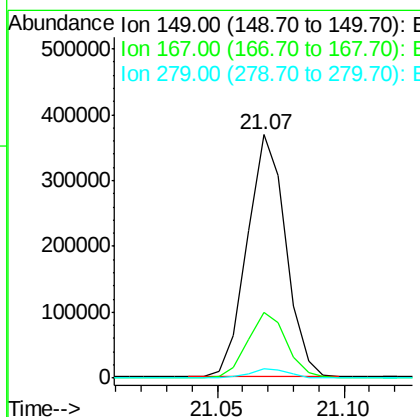
RT: 21.07 min Scan# 3074

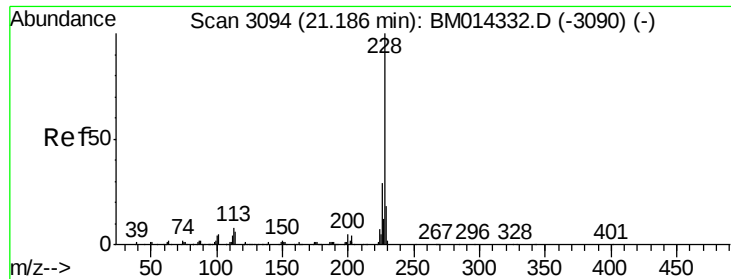
Delta R.T. 0.00 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Tgt Ion:	149	Resp:	390208
Ion Ratio	Lower	Upper	
149	100		
167	27.1	22.8	34.2
279	4.0	4.9	7.3#





#82

Chrysene

Concen: 2.673 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Instrument :

BNA_M

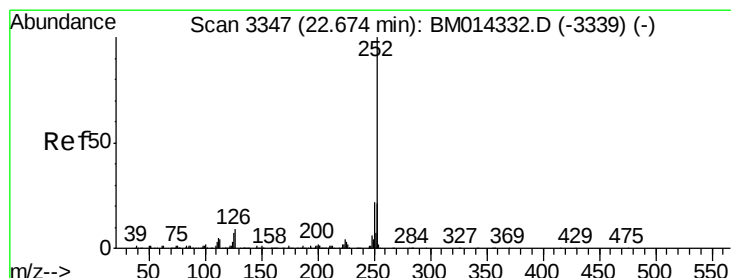
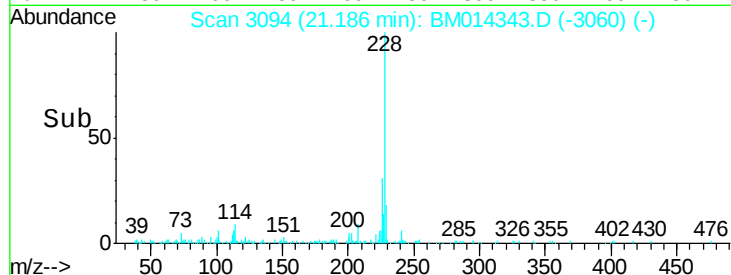
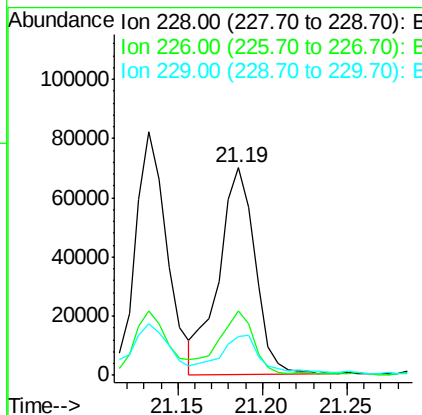
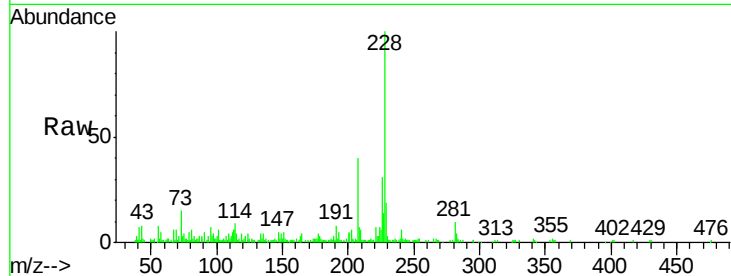
ClientSampled :

BE5Y8DL

Tot Ion:	228	Resp:	105507
Ion Ratio		Lower	Upper
228	100		
226	30.8	23.4	35.2
229	18.9	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 2.919 ng/ul

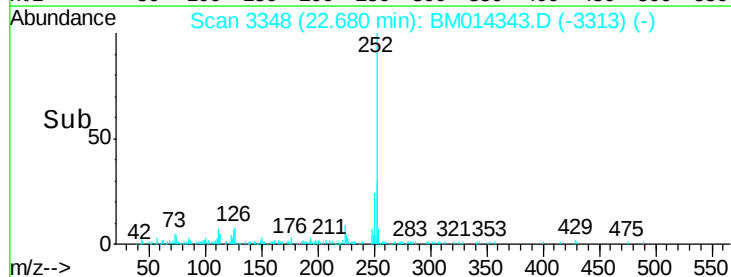
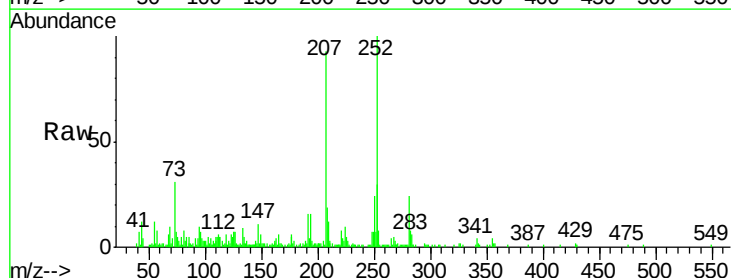
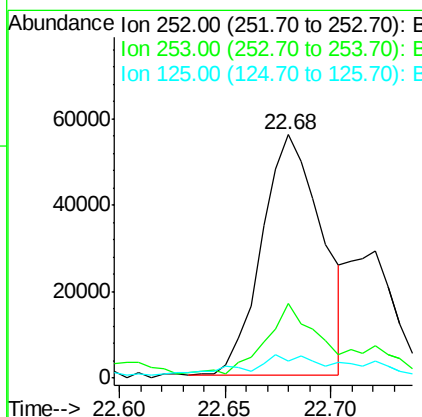
RT: 22.68 min Scan# 3348

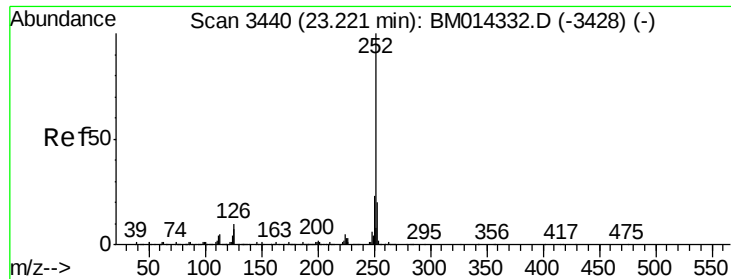
Delta R.T. 0.01 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Tgt Ion:	252	Resp:	110596
Ion Ratio		Lower	Upper
252	100		
253	30.4	17.9	26.9#
125	7.2	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 2.325 ng/ul

RT: 23.22 min Scan# 3440

Delta R.T. 0.00 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Instrument :

BNA_M

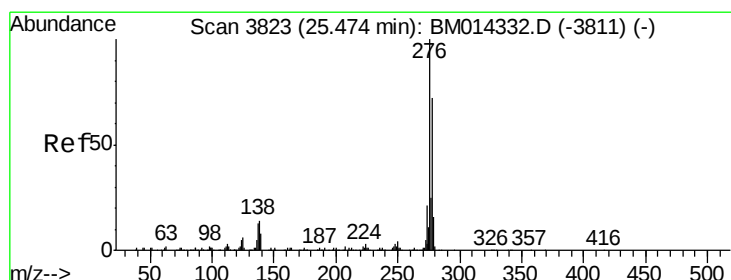
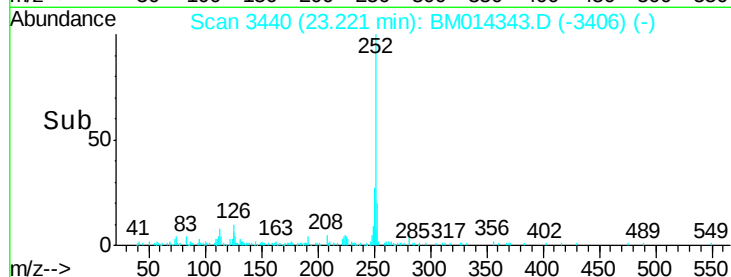
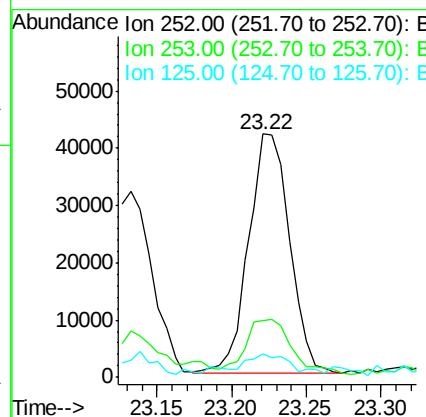
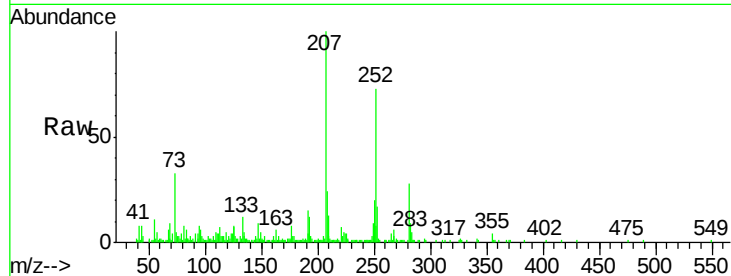
ClientSampleId :

BE5Y8DL

Tot Ion:	252	Resp:	78705
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.2
125	9.6	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.653 ng/ul

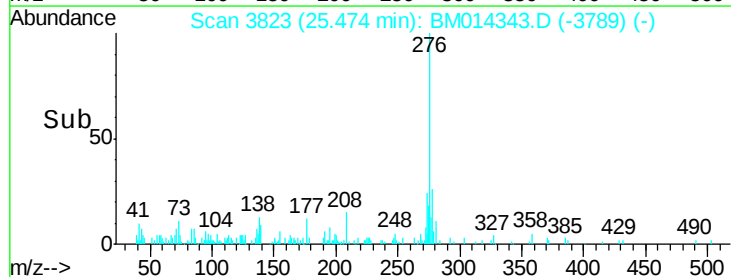
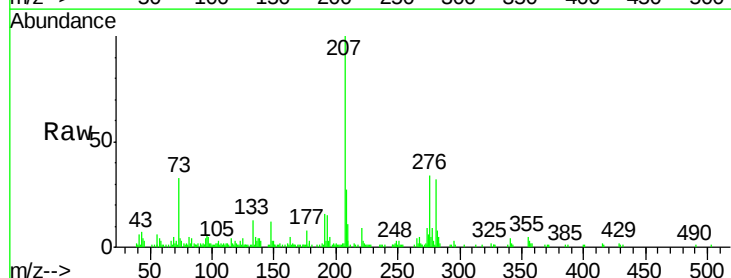
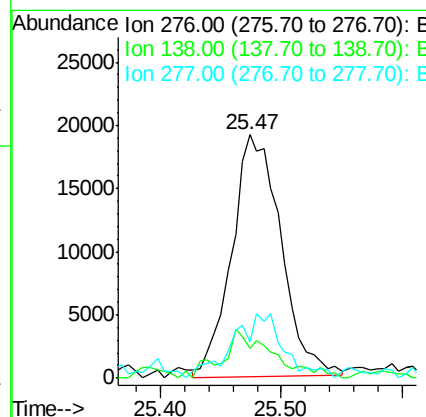
RT: 25.47 min Scan# 3823

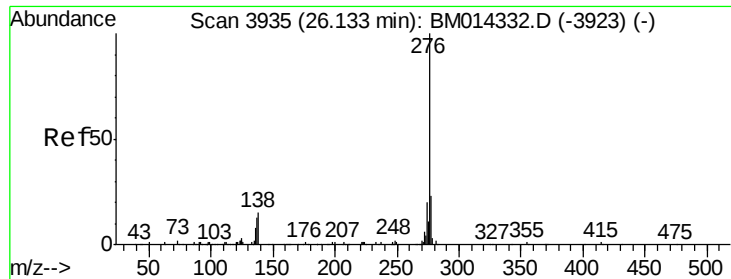
Delta R.T. 0.00 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Tgt Ion:	276	Resp:	54309
Ion Ratio	Lower	Upper	
276	100		
138	12.1	9.3	13.9
277	14.7	19.9	29.9#





#91

Benzo(a,h,i)perylene

Concen: 1.598 ng/ul

RT: 26.13 min Scan# 3935

Delta R.T. 0.00 min

Lab File: BM014343.D

Acq: 23 Feb 2018 22:32

Instrument :

BNA_M

ClientSampleId :

BE5Y8DL

Tot Ion:	276	Resp:	42529
Ion Ratio	Lower	Upper	
276	100		
138	33.1	8.5	12.7#
277	32.0	18.6	28.0#

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