

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
 Data File : BM008372.D
 Acq On : 16 Dec 2016 08:40
 Operator : UM/SJ
 Sample : H5937-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8F6

Manual Integrations
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Quant Time: Dec 16 10:41:46 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:34:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	129532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	533888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	360291	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	720723	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	890474	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	947396	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	10164	3.69	ng/uL	0.00
5) Phenol-d5	6.86	99	196437	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	118490	20.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	161729	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	132476	17.02	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	80419	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	82992	19.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	151148	19.29	ng/ul	0.01
29) 4-Chloroaniline-d4	10.62	131	82111m	9.14	ng/ul	0.02
43) Dimethylphthalate-d6	13.72	166	485195	20.26	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	583837	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	47463m	13.45	ng/ul	0.04
57) Fluorene-d10	15.30	176	430892	20.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	40837	9.52	ng/ul	0.00
70) Anthracene-d10	17.16	188	640104	20.39	ng/ul	0.00
76) Pyrene-d10	19.46	212	789208	22.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	837363	21.05	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.89	94	11111	1.06	ng/ul#	78
44) Dimethylphthalate	13.77	163	363330	15.48	ng/ul	100
69) Phenanthrene	17.10	178	189825	5.14	ng/ul	98
74) Fluoranthene	19.13	202	571751	12.60	ng/ul	100
77) Pyrene	19.49	202	425308	9.73	ng/ul	98
80) Benzo(a)anthracene	21.24	228	168353	3.66	ng/ul	98
82) Chrysene	21.29	228	235914	5.33	ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	339937	6.65	ng/ul#	95
86) Benzo(k)fluoranthene	22.86	252	101102	2.07	ng/ul#	90
88) Benzo(a)pyrene	23.39	252	186075	3.78	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	164501	2.75	ng/ul	97
91) Benzo(g,h,i)perylene	26.41	276	144870	2.90	ng/ul	96

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

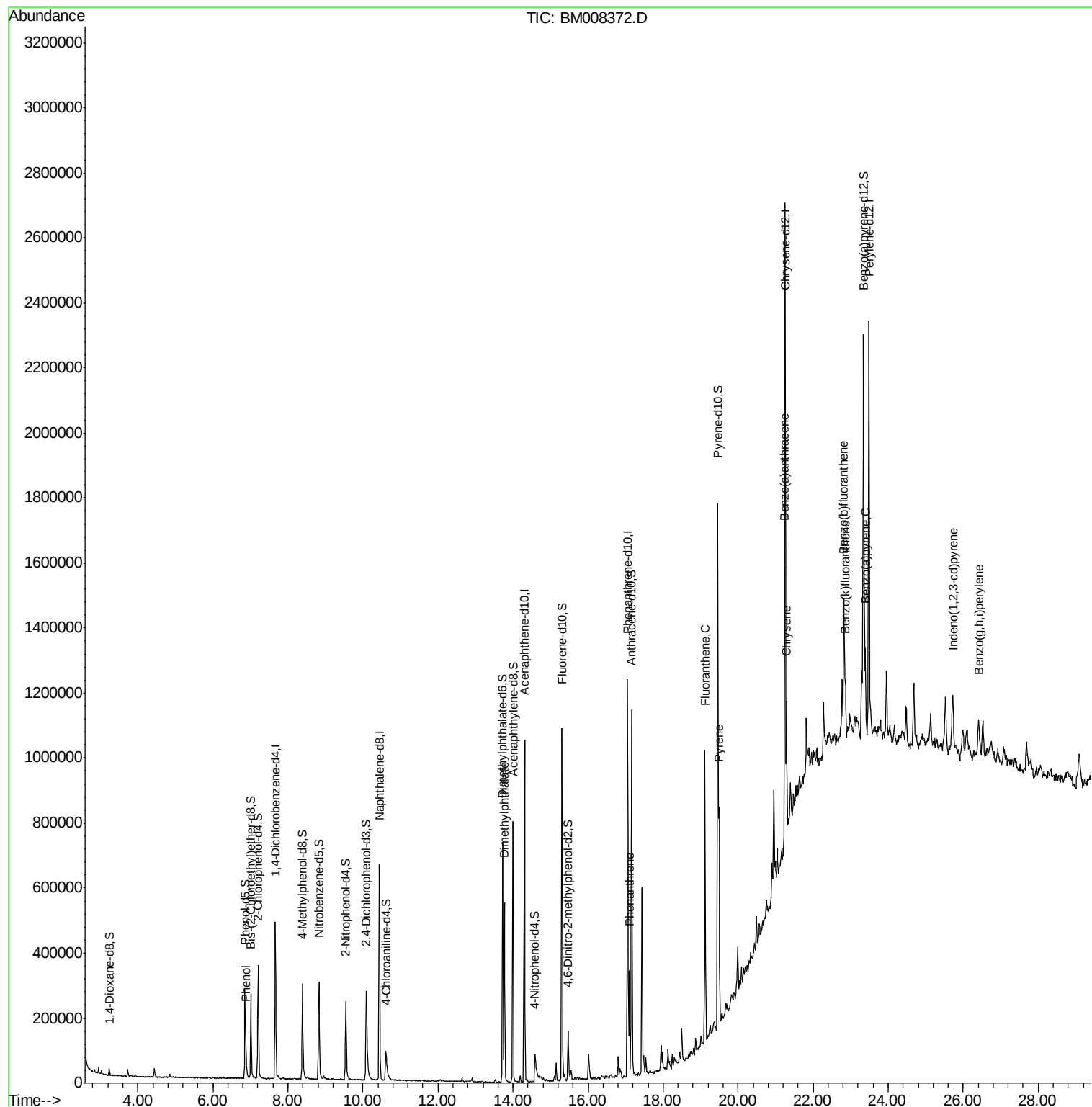
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008372.D
Acq On : 16 Dec 2016 08:40
Operator : UM/SJ
Sample : H5937-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

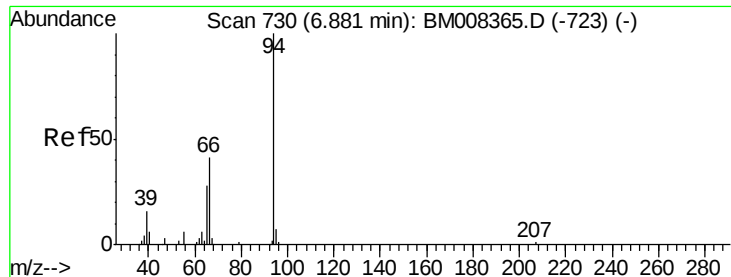
Instrument :
BNA_M
ClientSampleId :
DA8F6

Quant Time: Dec 16 10:41:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:34:14 2016
Response via : Initial Calibration

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#6

Phenol

Concen: 1.06 ng/ul

RT: 6.89 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM008372.D

Acq: 16 Dec 2016 08:40

Instrument :

BNA_M

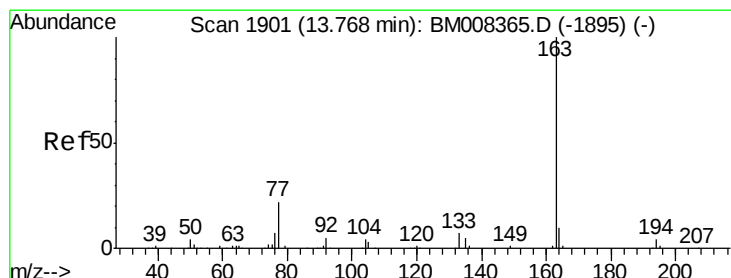
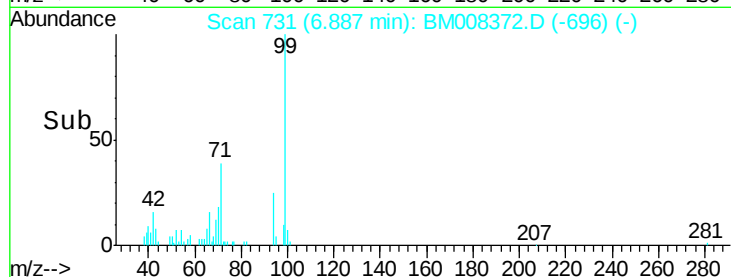
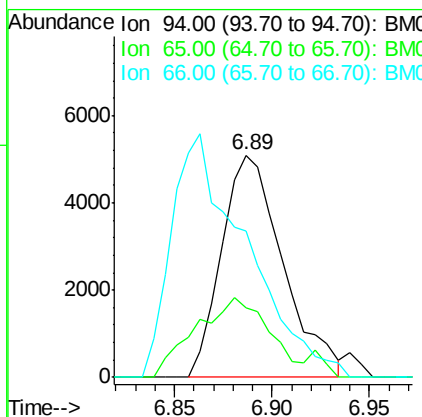
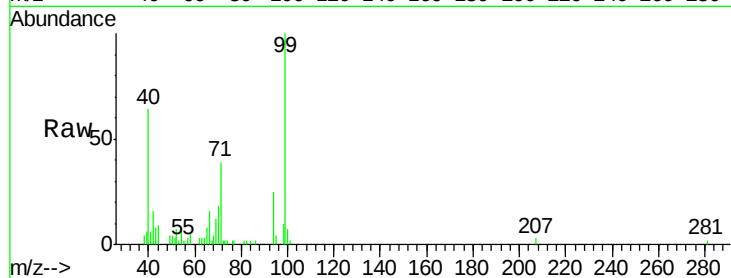
ClientSampleId :

DA8F6

Tgt Ion:	94	Resp:	11111
Ion Ratio	Lower	Upper	
94	100		
65	31.6	22.6	34.0
66	65.8	35.8	53.8#

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#44

Dimethylphthalate

Concen: 15.48 ng/ul

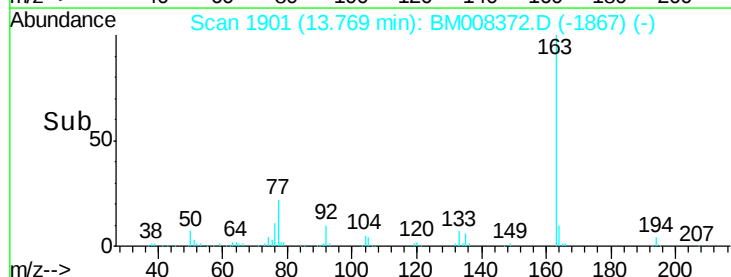
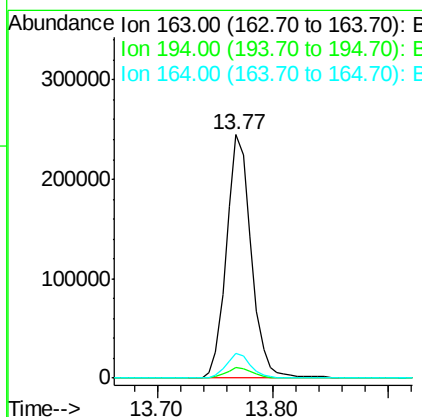
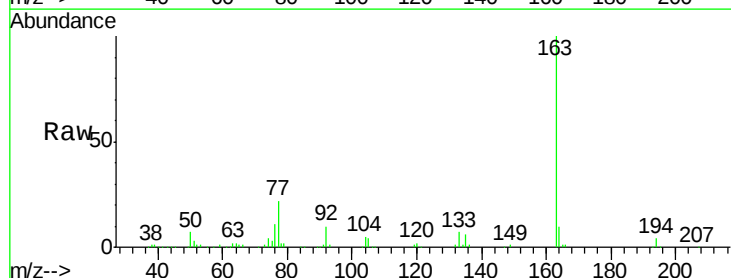
RT: 13.77 min Scan# 1901

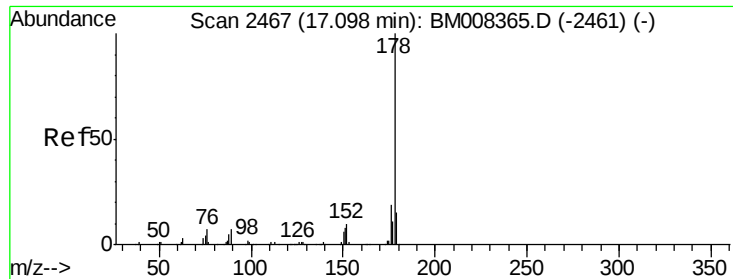
Delta R.T. 0.00 min

Lab File: BM008372.D

Acq: 16 Dec 2016 08:40

Tgt Ion:	163	Resp:	363330
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.0	7.8	11.8





#69

Phenanthrene

Concen: 5.14 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BM008372.D

Acq: 16 Dec 2016 08:40

Instrument :

BNA_M

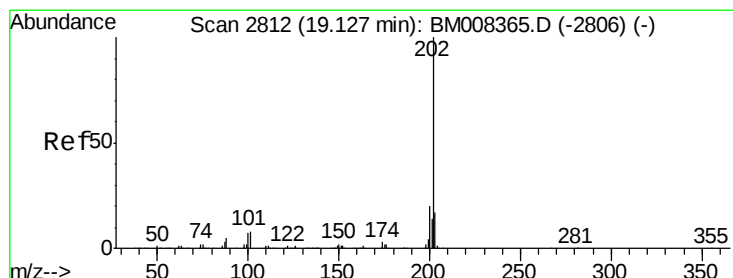
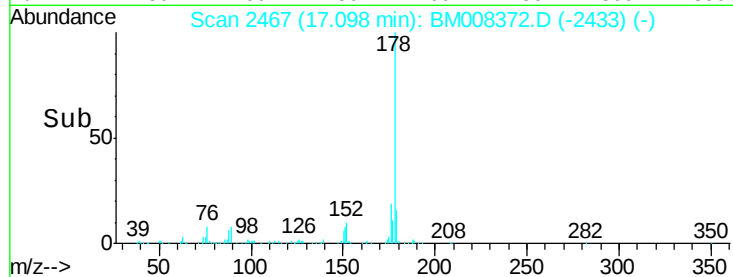
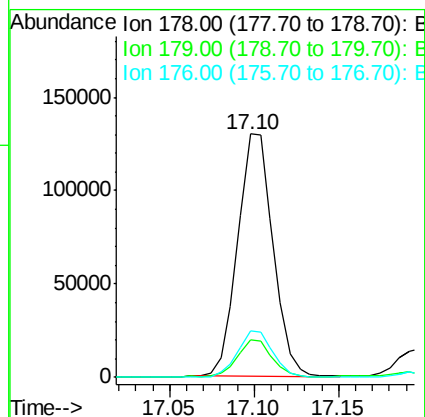
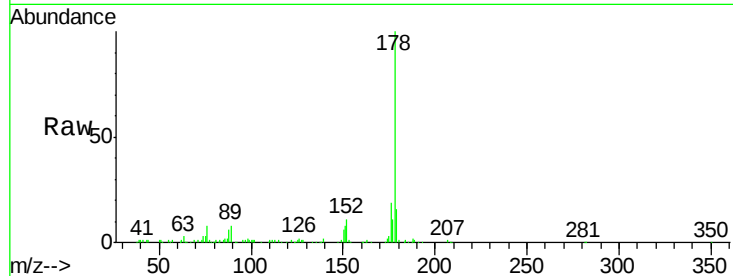
ClientSampleId :

DA8F6

Tgt Ion:	178	Resp:	189825
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.0	18.0
176	19.3	14.6	21.8

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#74

Fluoranthene

Concen: 12.60 ng/ul

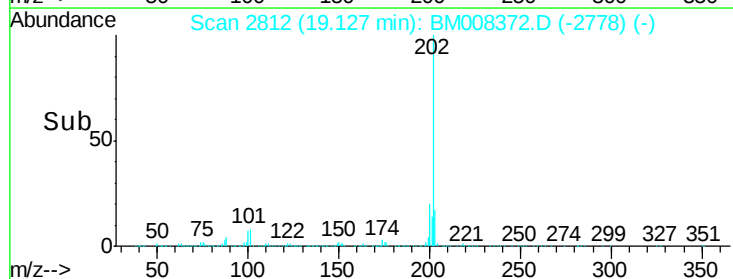
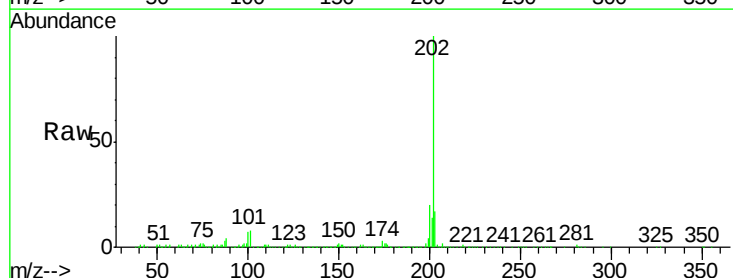
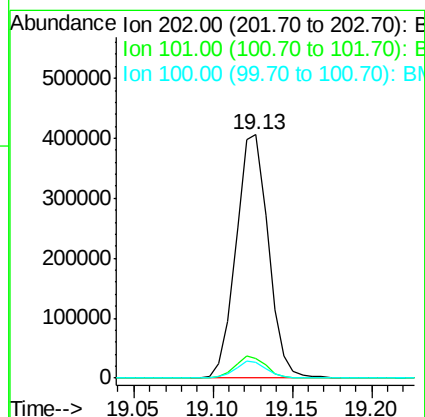
RT: 19.13 min Scan# 2812

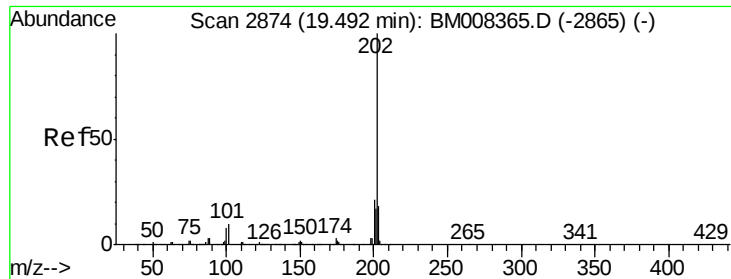
Delta R.T. 0.00 min

Lab File: BM008372.D

Acq: 16 Dec 2016 08:40

Tgt Ion:	202	Resp:	571751
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.6	10.0
100	6.6	5.3	7.9





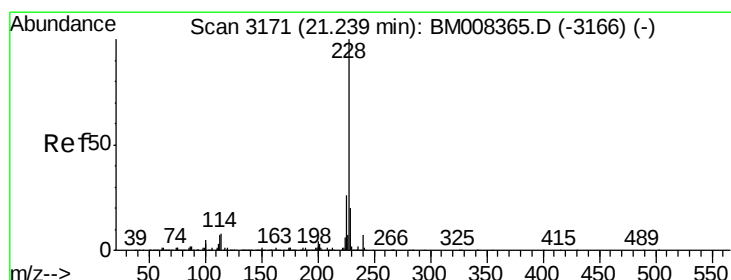
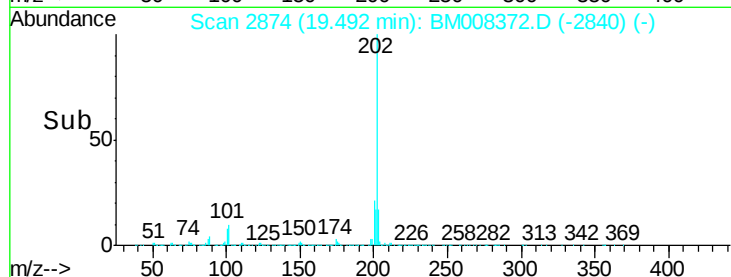
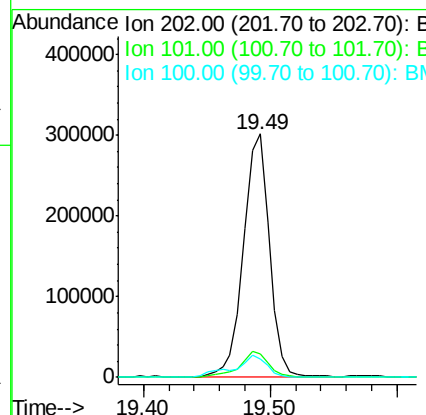
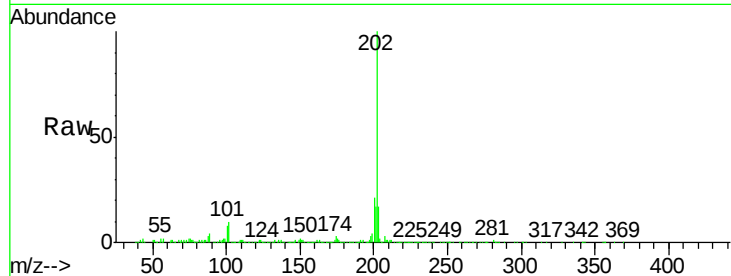
#77
 Pyrene
 Concen: 9.73 ng/ul
 RT: 19.49 min Scan# 2874
 Delta R.T. 0.00 min
 Lab File: BM008372.D
 Acq: 16 Dec 2016 08:40

Instrument :
 BNA_M
 ClientSampleId :
 DA8F6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	8.2	12.4
100	7.5	7.0	10.6

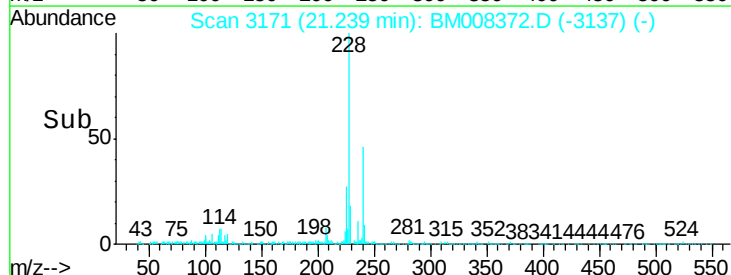
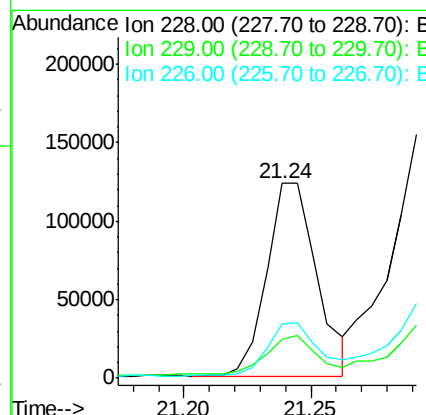
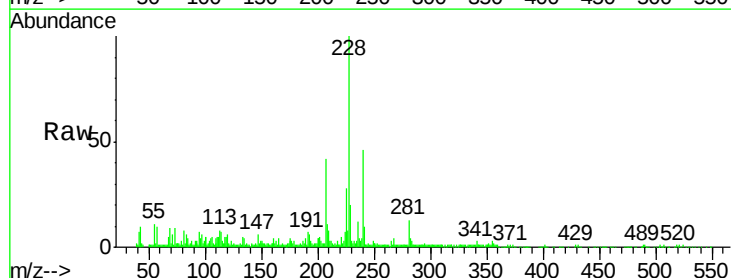
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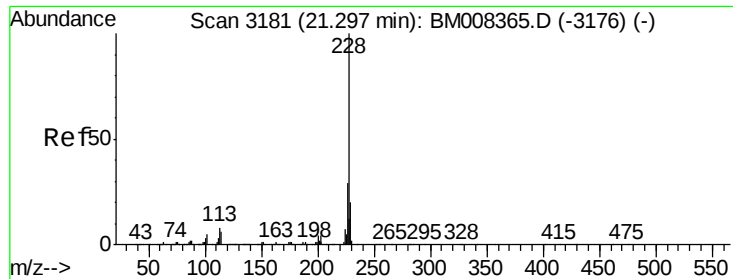
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#80
 Benzo(a)anthracene
 Concen: 3.66 ng/ul
 RT: 21.24 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BM008372.D
 Acq: 16 Dec 2016 08:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.2	15.4	23.2
226	27.9	21.2	31.8





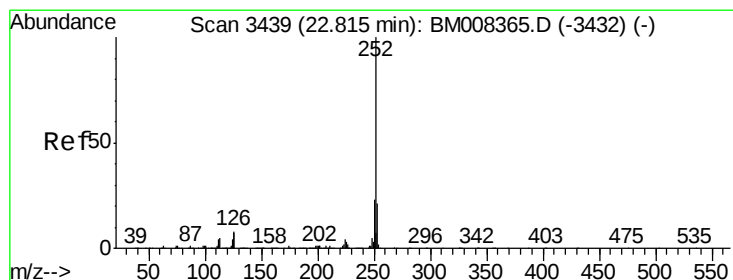
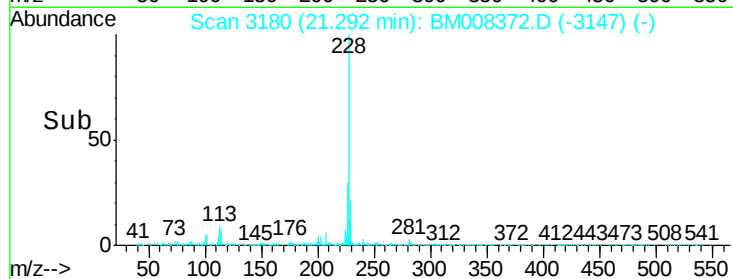
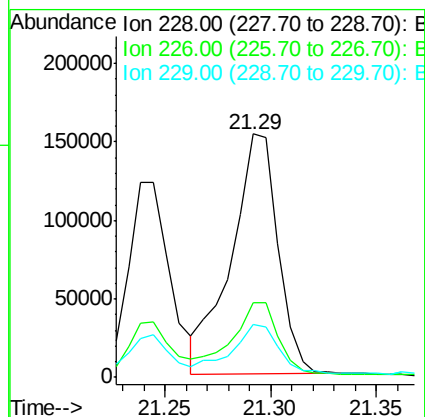
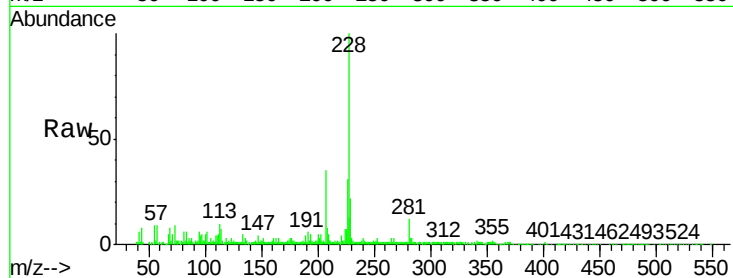
#82
Chrysene
Concen: 5.33 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BM008372.D
Acq: 16 Dec 2016 08:40

Instrument :
BNA_M
ClientSampleId :
DA8F6

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	23.1	34.7
229	21.7	15.4	23.2

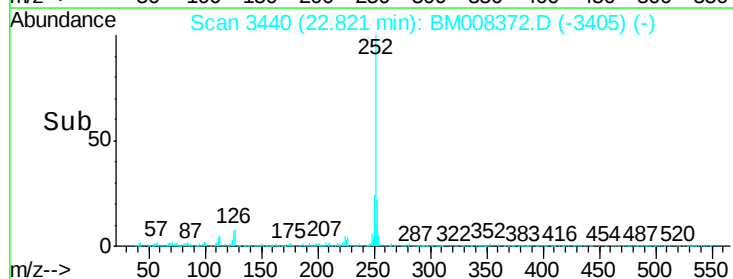
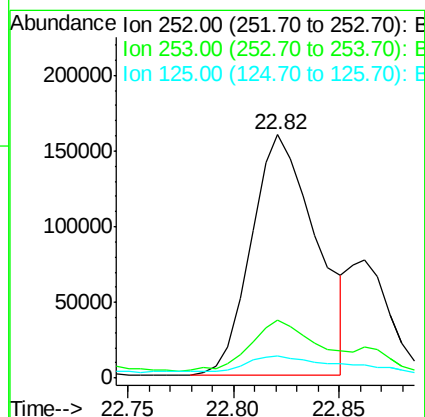
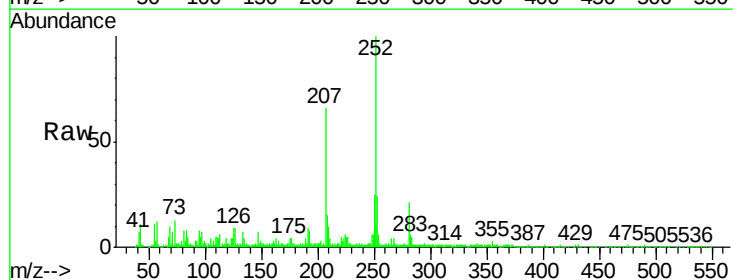
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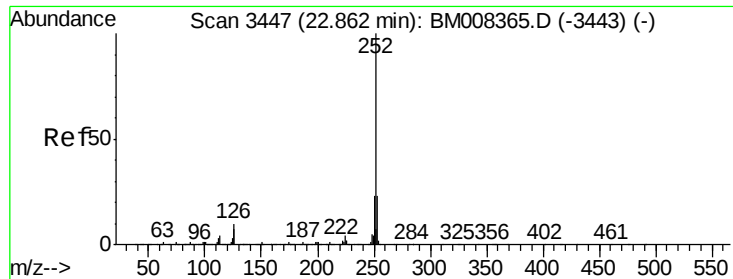
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#85
Benzo(b)fluoranthene
Concen: 6.65 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. 0.01 min
Lab File: BM008372.D
Acq: 16 Dec 2016 08:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.7	17.1	25.7
125	9.2	5.4	8.2





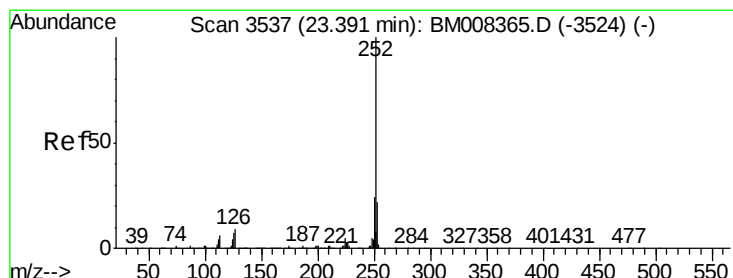
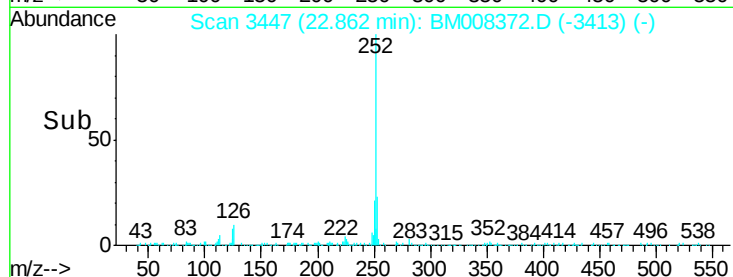
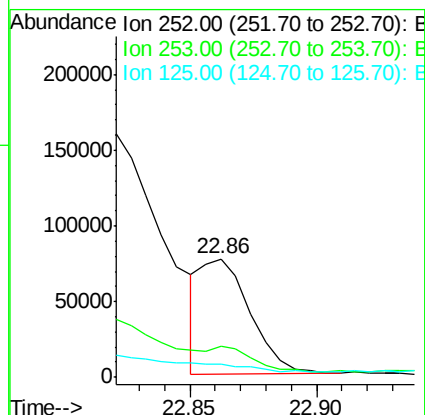
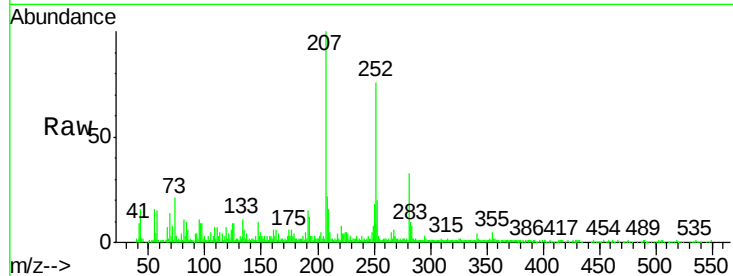
#86
Benzo(k)fluoranthene
Concen: 2.07 ng/ul
RT: 22.86 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM008372.D
Acq: 16 Dec 2016 08:40

Instrument :
BNA_M
ClientSampled :
DA8F6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.6	26.4#
125	11.5	5.8	8.6#

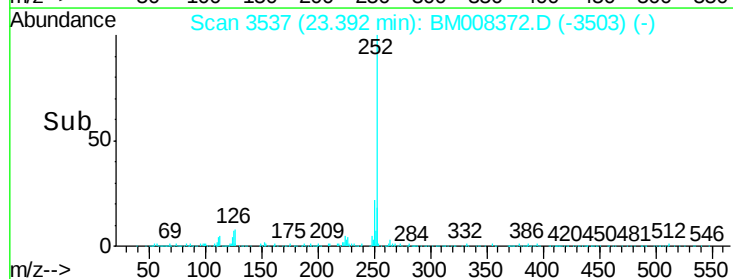
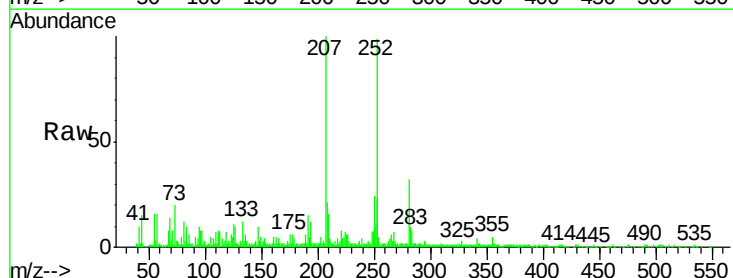
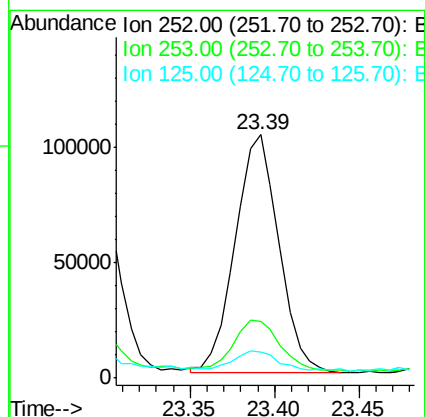
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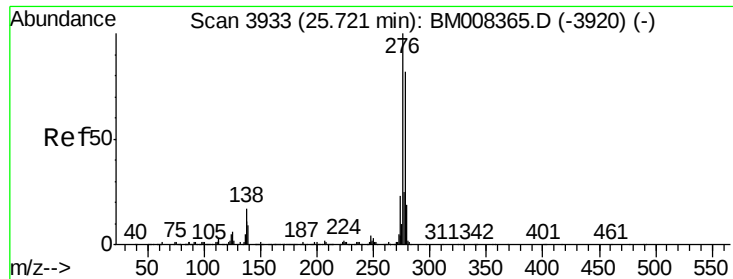
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#88
Benzo(a)pyrene
Concen: 3.78 ng/ul
RT: 23.39 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BM008372.D
Acq: 16 Dec 2016 08:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	10.8	6.6	9.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.75 ng/ul

RT: 25.73 min Scan# 3934

Delta R.T. 0.01 min

Lab File: BM008372.D

Acq: 16 Dec 2016 08:40

Instrument :

BNA_M

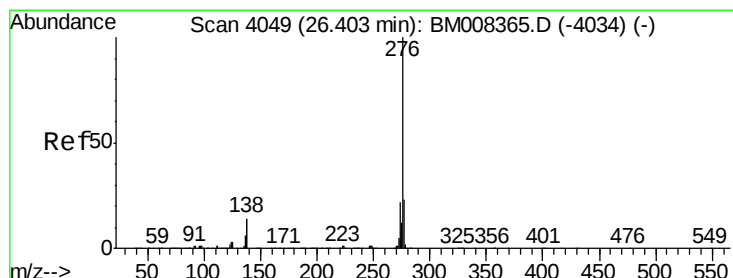
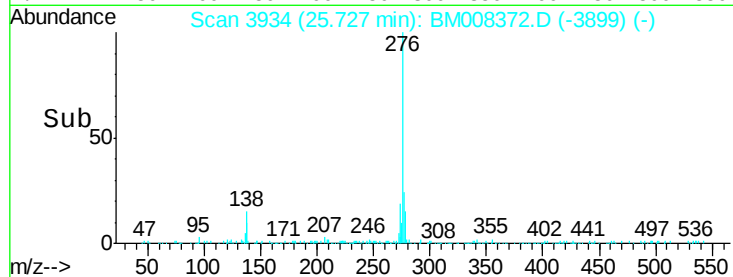
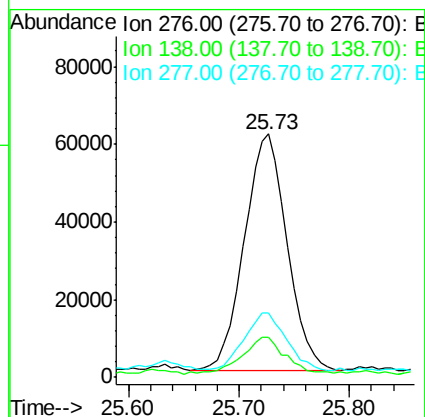
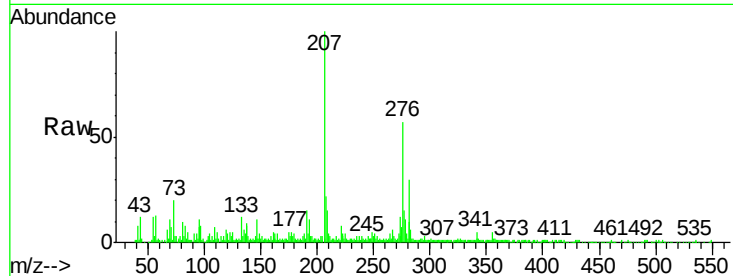
ClientSampleId :

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Tgt Ion:	276	Resp:	164501
Ion Ratio		Lower	Upper
276	100		
138	16.3	13.4	20.2
277	26.6	19.7	29.5

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#91

Benzo(g,h,i)perylene

Concen: 2.90 ng/ul

RT: 26.41 min Scan# 4050

Delta R.T. 0.01 min

Lab File: BM008372.D

Acq: 16 Dec 2016 08:40

Tgt Ion:	276	Resp:	144870
Ion Ratio		Lower	Upper
276	100		
138	14.9	12.0	18.0
277	27.3	19.4	29.0

