

Data Path : Z:\HPCHEM1\BNA_M\Data\BM120617\
 Data File : BM013232.D
 Acq On : 07 Dec 2017 04:41
 Operator : SJ/JU
 Sample : I6647-02DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0248DL

Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:41:30 AM

Quant Time: Dec 07 06:35:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 07 04:35:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	336928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1458918	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	865576	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1933468	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1520983	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1265550	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2877	0.42	ng/uL	0.00
5) Phenol-d5	6.87	99	71589	2.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	41514	2.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	57313	2.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	58648	2.35	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	29741	2.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	29141	2.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	62278	2.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	57461	2.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	192407	2.50	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	250880	2.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	23106m	1.73	ng/ul	0.00
57) Fluorene-d10	15.34	176	176734	2.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	9549	0.79	ng/ul	0.00
70) Anthracene-d10	17.19	188	269658	2.78	ng/ul	0.00
76) Pyrene-d10	19.49	212	267939	3.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	172872	2.68	ng/ul	0.00

Target Compounds

					Qvalue	
58) Fluorene	15.39	166	105529	1.442	ng/ul#	95
69) Phenanthrene	17.13	178	1353611	12.323	ng/ul	99
74) Fluoranthene	19.15	202	1736897	12.903	ng/ul#	93
77) Pyrene	19.52	202	1481725	16.035	ng/ul#	93
80) Benzo(a)anthracene	21.26	228	399117	4.136	ng/ul	94
82) Chrysene	21.32	228	566089	6.323	ng/ul	95
85) Benzo(b)fluoranthene	22.84	252	515167	6.039	ng/ul#	89
86) Benzo(k)fluoranthene	22.88	252	172596m	2.150	ng/ul	
88) Benzo(a)pyrene	23.41	252	285347	3.723	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.75	276	209923	2.761	ng/ul#	97
91) Benzo(g,h,i)perylene	26.44	276	220507	3.676	ng/ul#	89

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

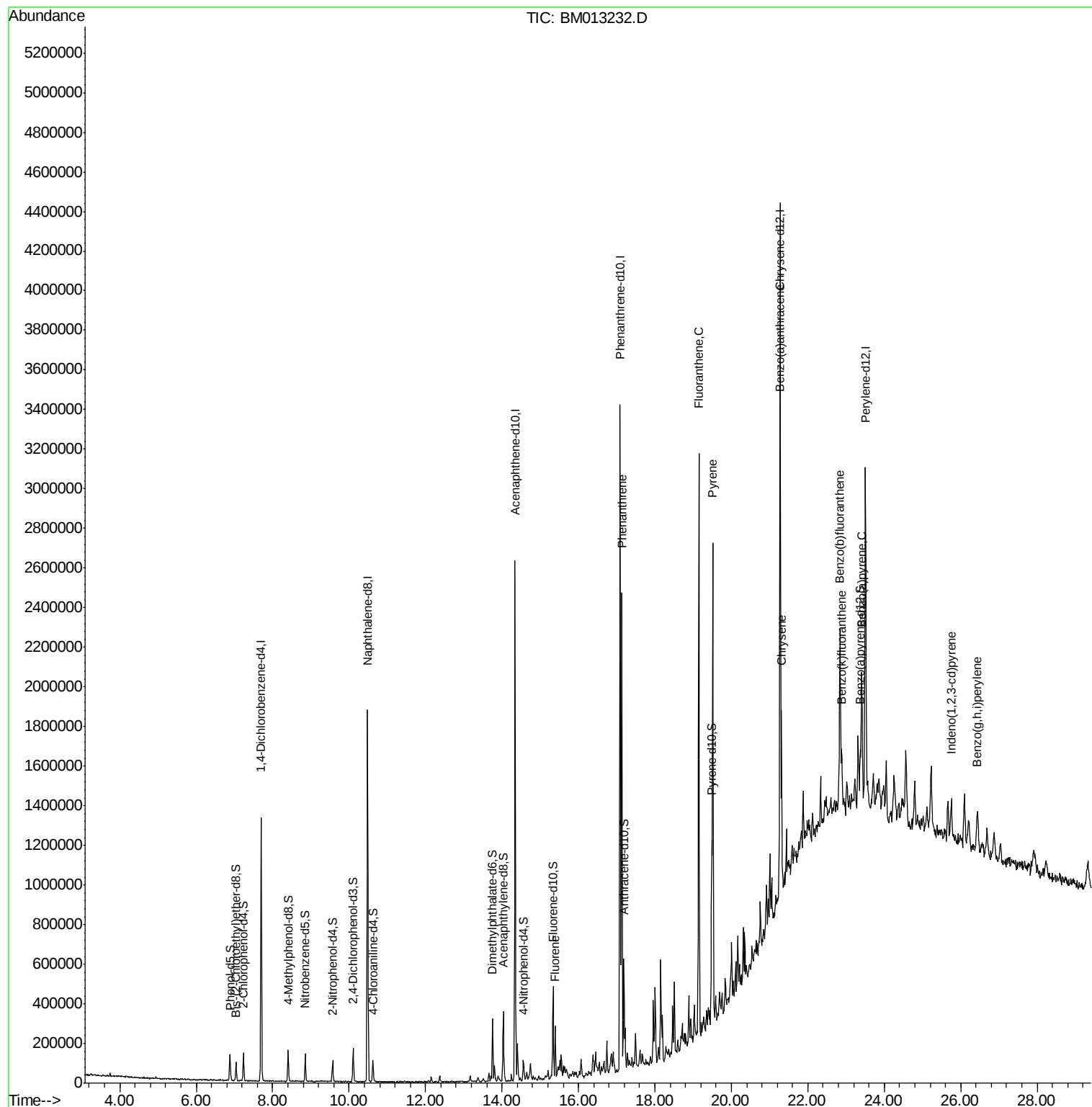
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120617\
Data File : BM013232.D
Acq On : 07 Dec 2017 04:41
Operator : SJ/JU
Sample : I6647-02DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

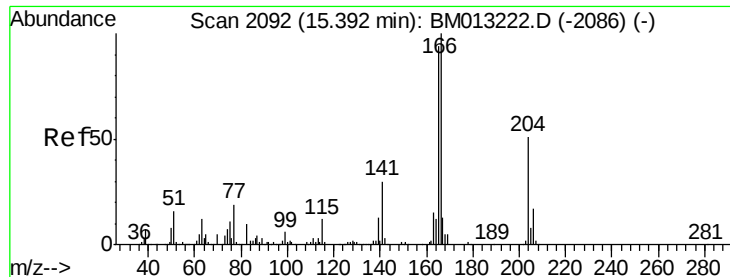
Instrument :
BNA_M
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C0248DL

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Quant Title : SVOA CALIBRATION
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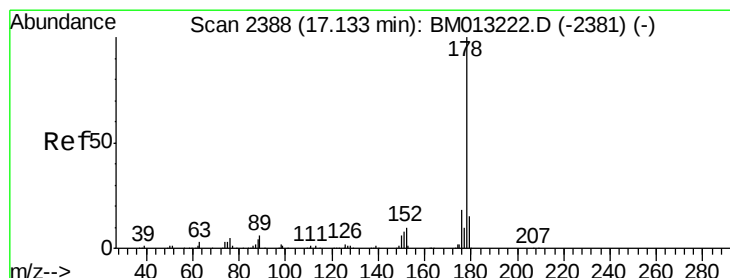
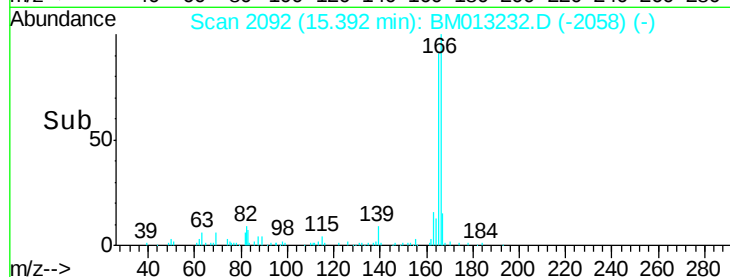
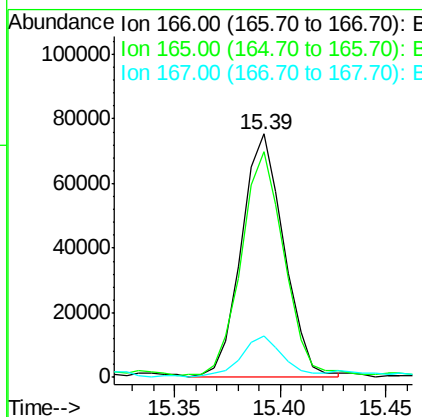
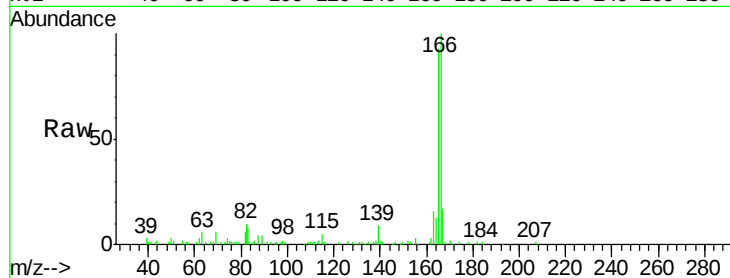
#58
 Fluorene
 Concen: 1.442 ng/ul
 RT: 15.39 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BM013232.D
 Acq: 07 Dec 2017 04:41

Instrument :
 BNA_M
 ClientSampleID :
 C0248DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.7	77.9	116.9
167	16.8	10.6	16.0

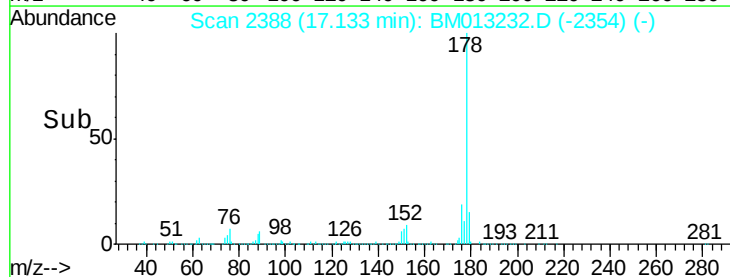
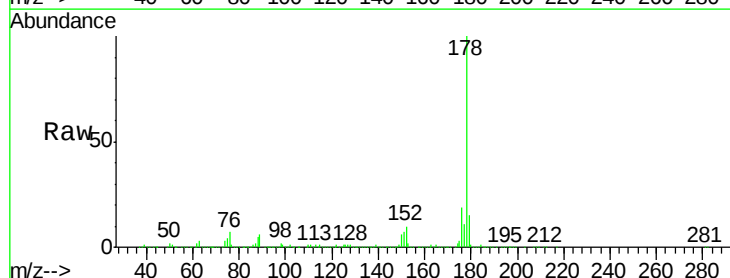
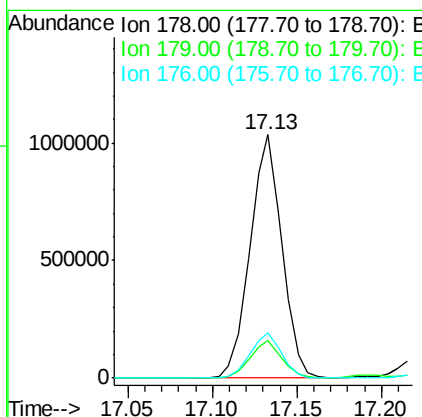
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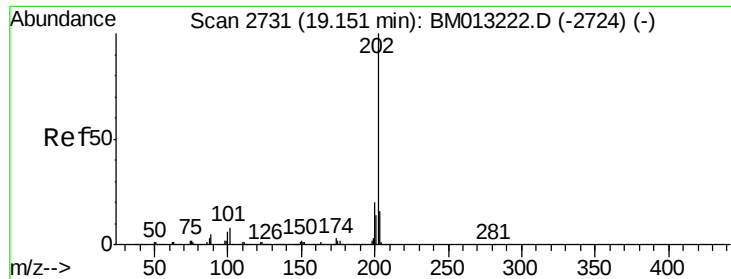
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#69
 Phenanthrene
 Concen: 12.323 ng/ul
 RT: 17.13 min Scan# 2388
 Delta R.T. -0.00 min
 Lab File: BM013232.D
 Acq: 07 Dec 2017 04:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.6	14.9	22.3





#74

Fluoranthene

Concen: 12.903 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM013232.D

Acq: 07 Dec 2017 04:41

Instrument :

BNA_M

ClientSampleId :

C0248DL

Tgt Ion:202 Resp: 1736897

Ion Ratio Lower Upper

202 100

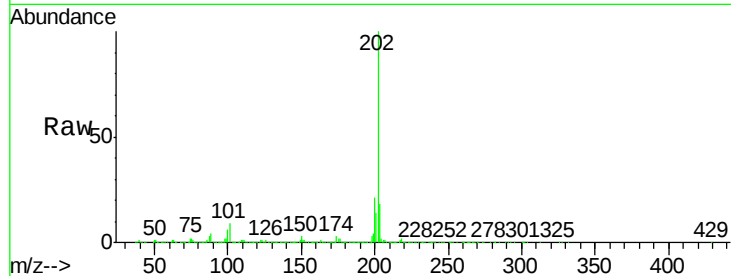
101 8.6 4.6 7.0#

100 6.4 3.4 5.2#

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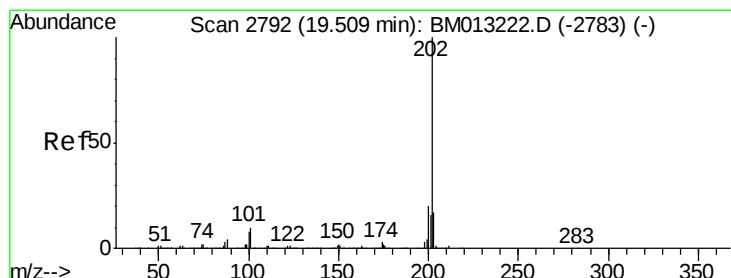
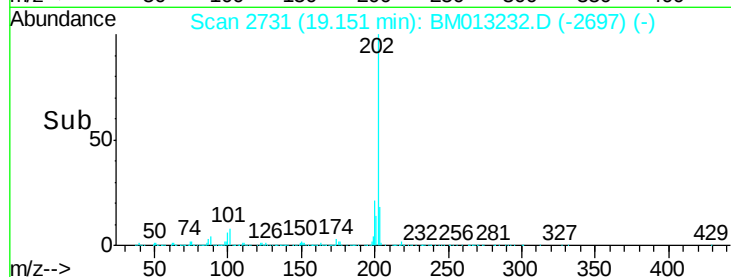
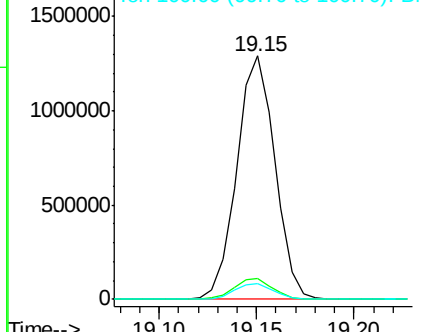
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 16.035 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BM013232.D

Acq: 07 Dec 2017 04:41

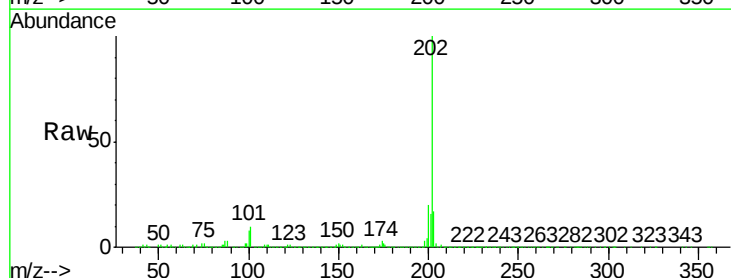
Tgt Ion:202 Resp: 1481725

Ion Ratio Lower Upper

202 100

101 9.5 5.1 7.7#

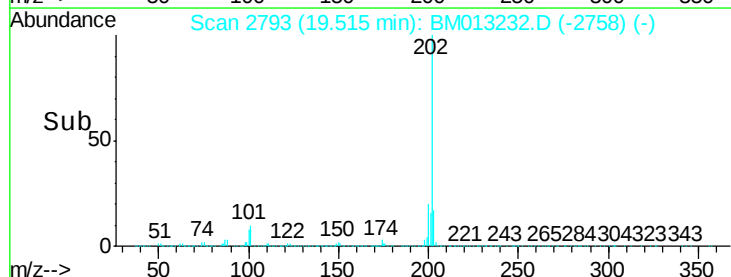
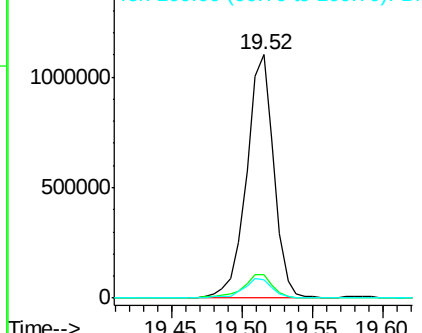
100 7.6 4.9 7.3#

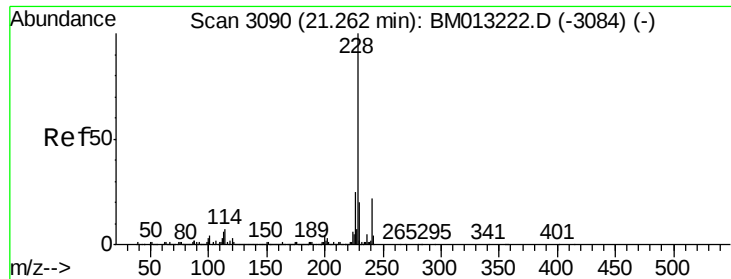


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





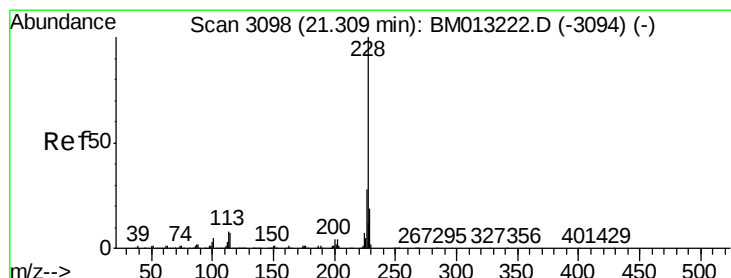
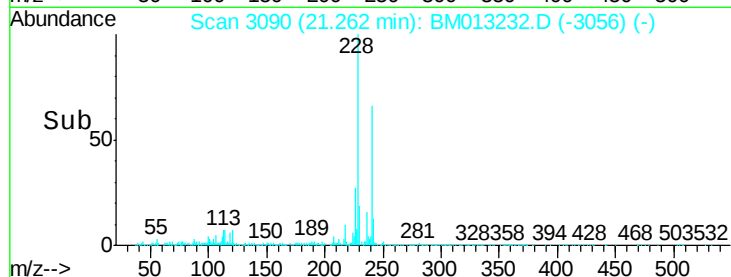
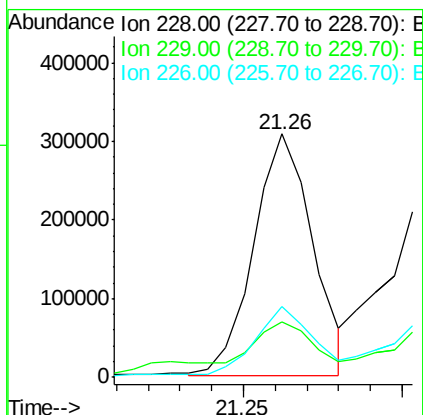
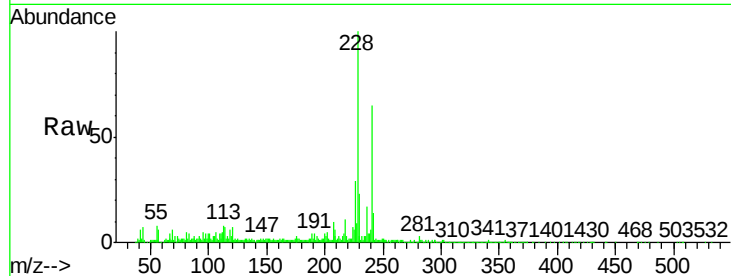
#80
Benzo(a)anthracene
Concen: 4.136 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM013232.D
Acq: 07 Dec 2017 04:41

Instrument :
BNA_M
ClientSampleID :
C0248DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.4	23.0
226	29.0	21.4	32.0

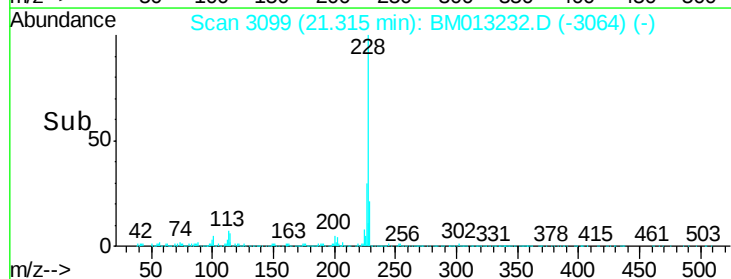
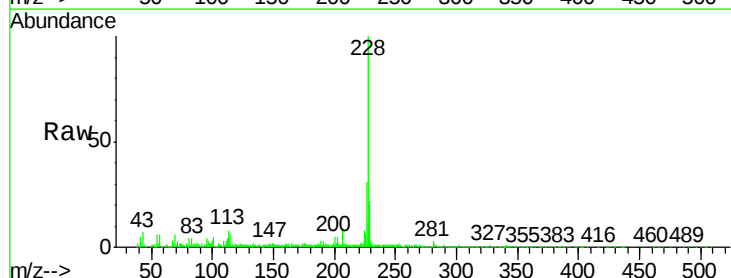
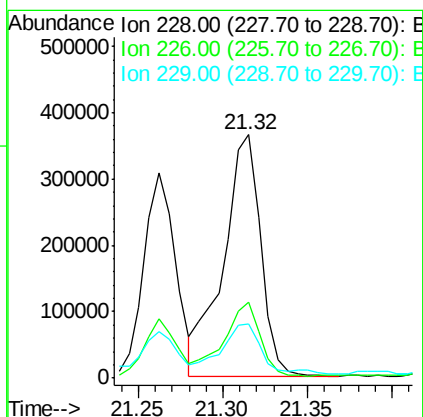
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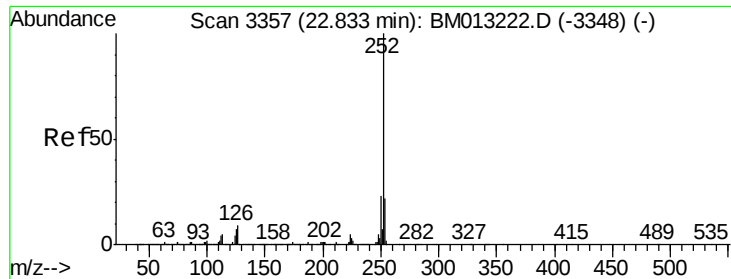
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#82
Chrysene
Concen: 6.323 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM013232.D
Acq: 07 Dec 2017 04:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	22.5	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 6.039 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM013232.D

Acq: 07 Dec 2017 04:41

Instrument :

BNA_M

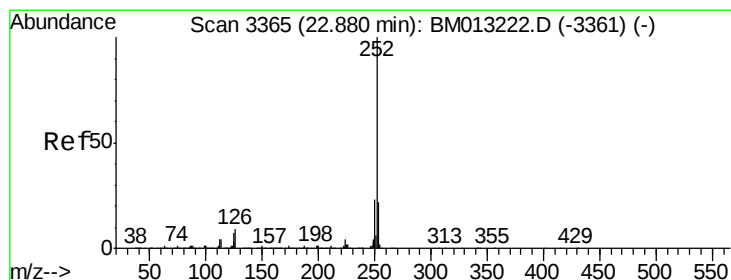
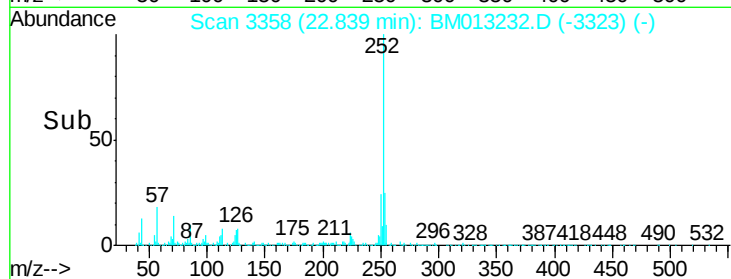
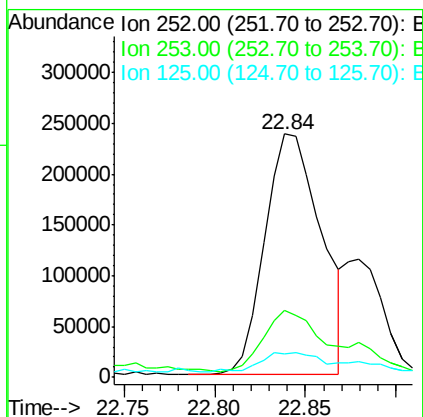
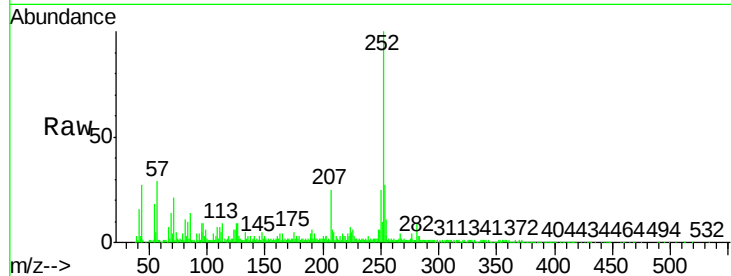
ClientSampleId :

C0248DL

Tgt Ion:	252	Resp:	515167
Ion Ratio		Lower	Upper
252	100		
253	27.3	17.9	26.9#
125	9.5	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 2.150 ng/ul m

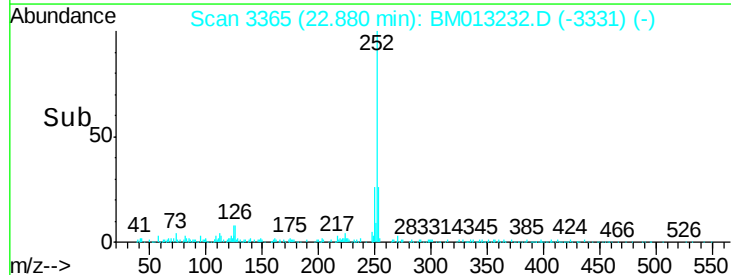
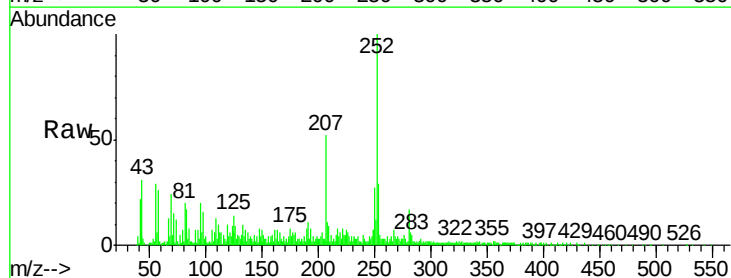
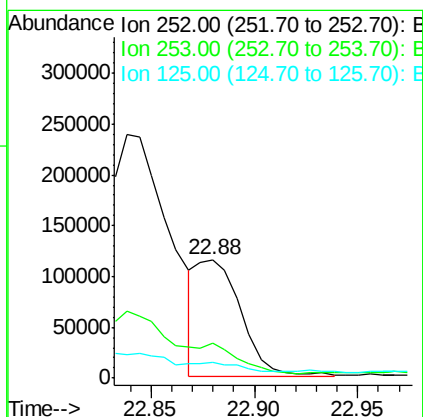
RT: 22.88 min Scan# 3365

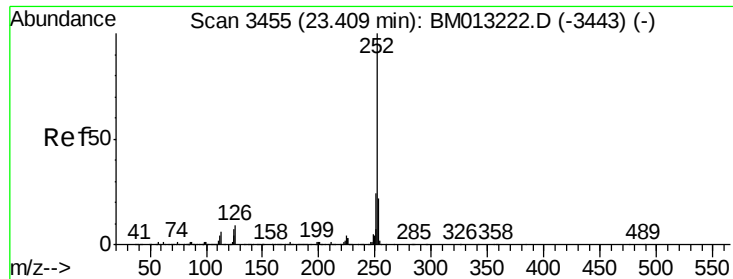
Delta R.T. -0.00 min

Lab File: BM013232.D

Acq: 07 Dec 2017 04:41

Tgt Ion:	252	Resp:	172596
Ion Ratio		Lower	Upper
252	100		
253	29.3	17.1	25.7#
125	13.6	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 3.723 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.00 min

Lab File: BM013232.D

Acq: 07 Dec 2017 04:41

Instrument :

BNA_M

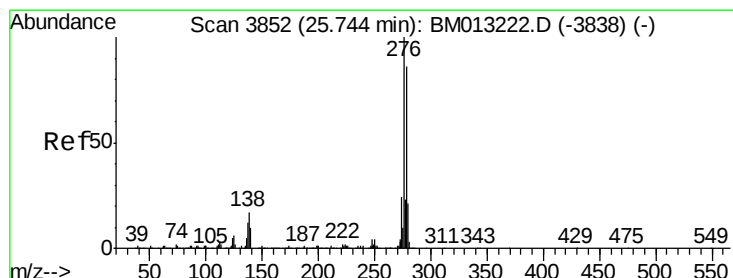
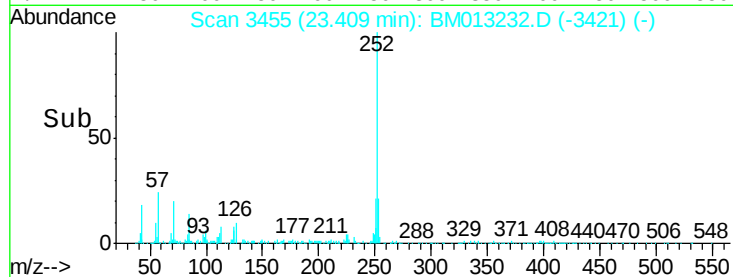
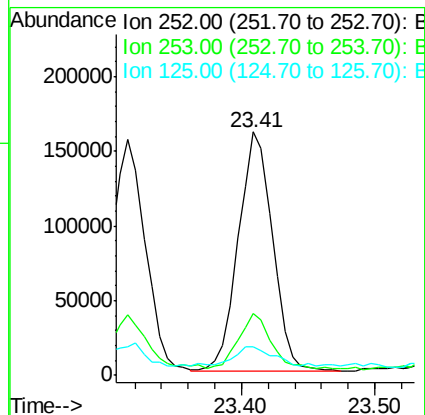
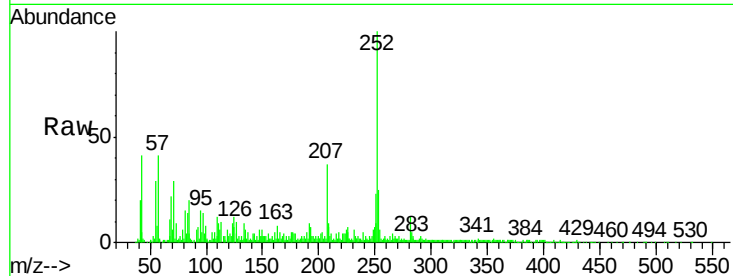
ClientSampleId :

C0248DL

Tgt Ion:	252	Resp:	285347
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.2	27.2
125	11.8	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.761 ng/ul

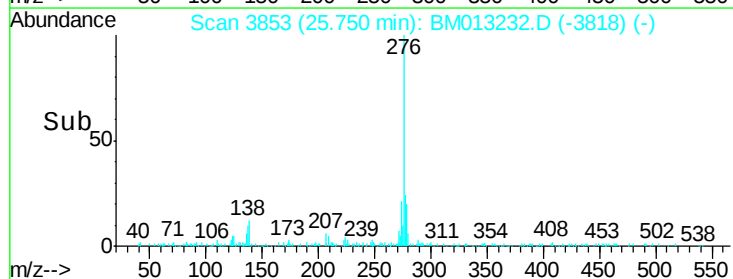
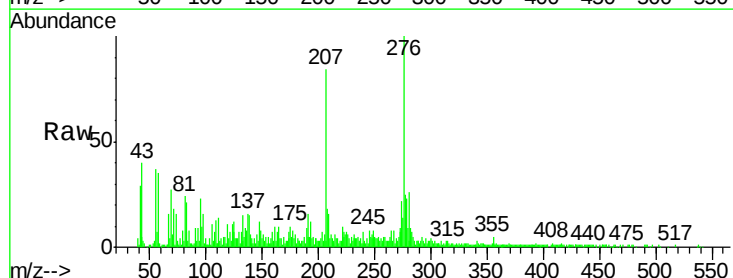
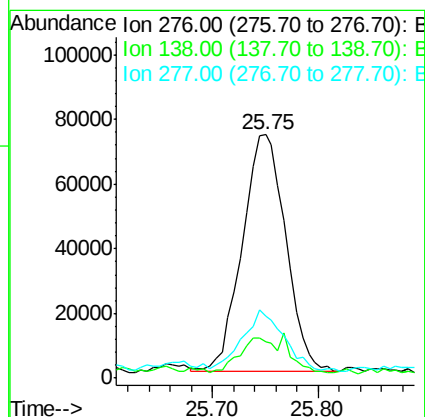
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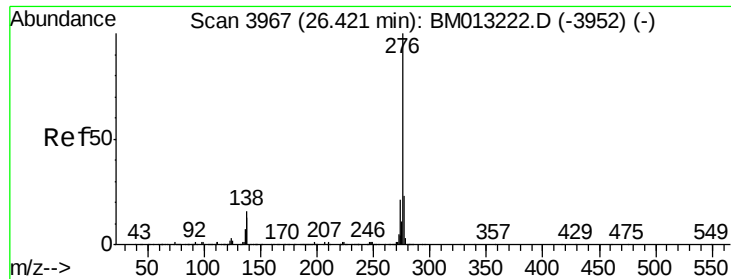
Delta R.T. 0.01 min

Lab File: BM013232.D

Acq: 07 Dec 2017 04:41

Tgt Ion:	276	Resp:	209923
Ion Ratio	Lower	Upper	
276	100		
138	15.0	9.3	13.9#
277	25.4	19.9	29.9





#91
 Benzo(g,h,i)perylene
 Concen: 3.676 ng/ul
 RT: 26.44 min Scan# 3970
 Delta R.T. 0.02 min
 Lab File: BM013232.D
 Acq: 07 Dec 2017 04:41

Instrument :
 BNA_M
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 C0248DL

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		220507		
138	16.3	8.5	12.7#		
277	28.0	18.6	28.0		

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