

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002419.D
 Acq On : 15 Aug 2015 11:43
 Operator : UM/IZ
 Sample : G3219-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DA5

Manual Integrations
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 8/17/2015 2:45:18 PM

Quant Time: Aug 17 04:33:31 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 02:54:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	176515	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	798214	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	413707	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	825137	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	616262	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	511209	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	768121	18.16	ng/ul	0.00
10) Fluorene-d10	16.42	176	514919	17.33	ng/ul	0.00
14) Anthracene-d10	18.25	188	684504	17.20	ng/ul	0.00
18) Pyrene-d10	20.47	212	623502	22.82	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.73	264	390111	14.53	ng/ul	0.02
Target Compounds				Qvalue		
3) Naphthalene	11.79	128	75990	1.87	ng/ul	99
4) 2-Methylnaphthalene	13.33	142	57259	1.88	ng/ul	98
13) Phenanthrene	18.20	178	111119	2.33	ng/ul	99
16) Fluoranthene	20.14	202	355344	6.59	ng/ul	99
19) Pyrene	20.50	202	273033	7.56	ng/ul	99
20) Benzo(a)anthracene	22.22	228	181038	4.91	ng/ul#	95
21) Chrysene	22.27	228	176696	5.13	ng/ul#	94
23) Benzo(b)fluoranthene	24.08	252	204528	6.62	ng/ul#	87
24) Benzo(k)fluoranthene	24.12	252	54441m	1.86	ng/ul	
26) Benzo(a)pyrene	24.79	252	116557	3.95	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	27.71	276	83752	2.47	ng/ul	99
29) Benzo(g,h,i)perylene	28.59	276	78334	2.77	ng/ul#	92

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

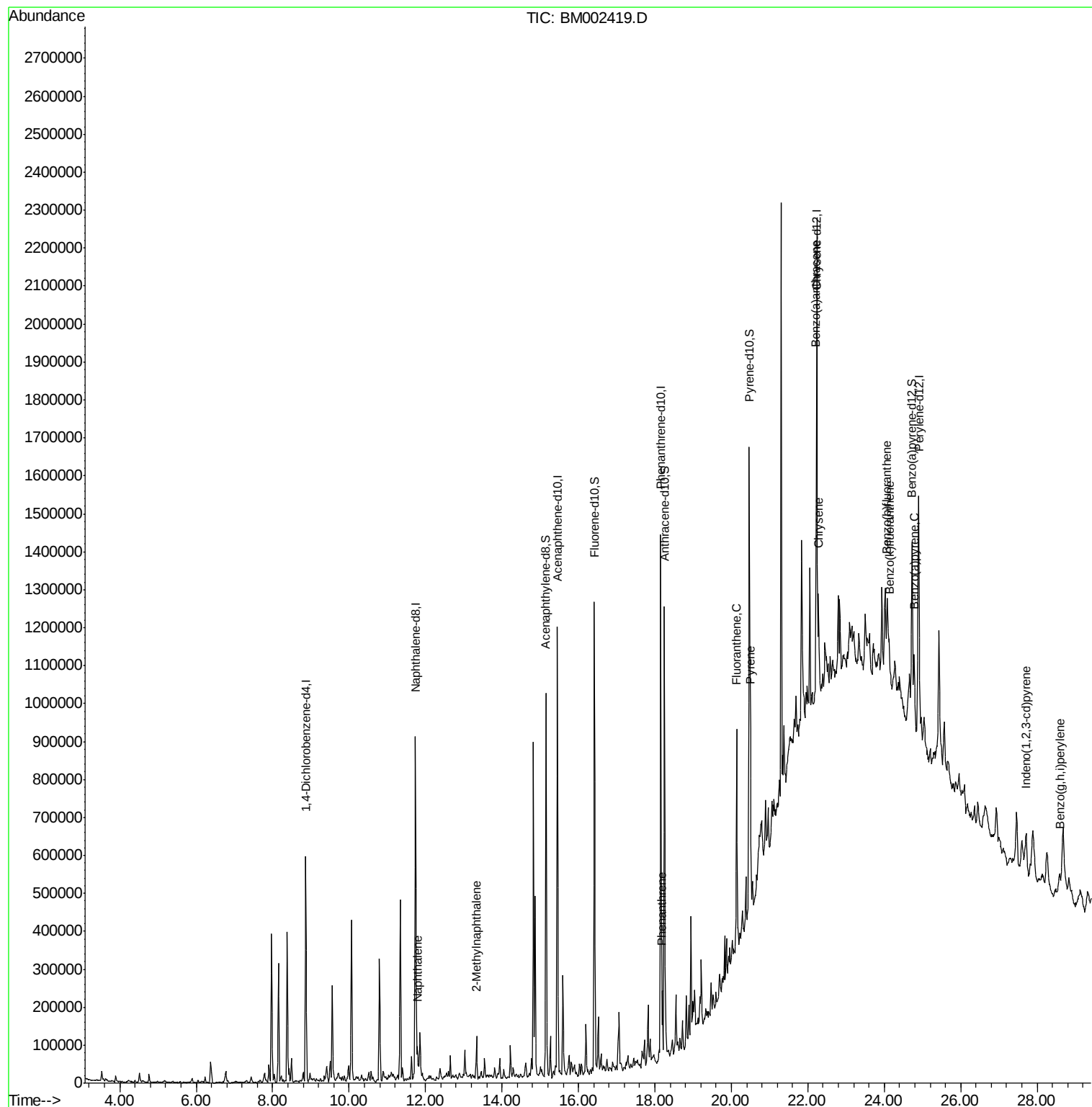
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
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ALS Vial : 26 Sample Multiplier: 1

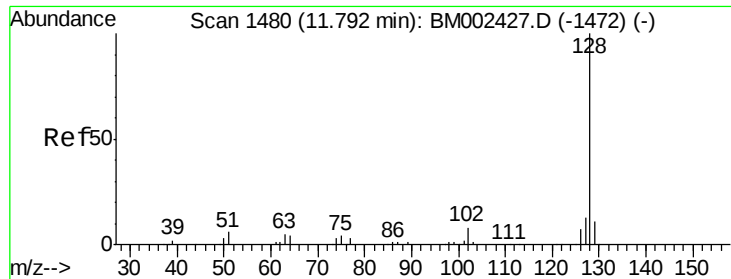
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
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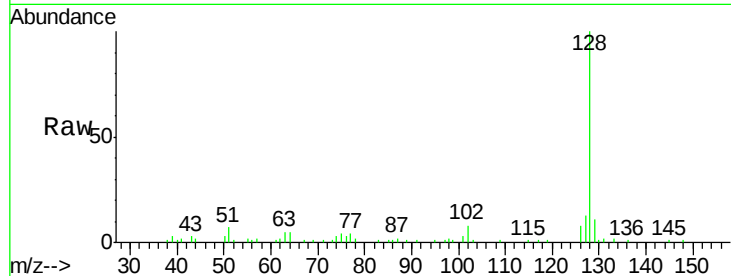
#3
Naphthalene
Concen: 1.87 ng/ul
RT: 11.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BM002419.D
Acq: 15 Aug 2015 11:43

Instrument :
BNA_M
ClientSampleId :
D9DA5

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	75990		
129	11.1		8.6	12.8
127	13.2		10.4	15.6

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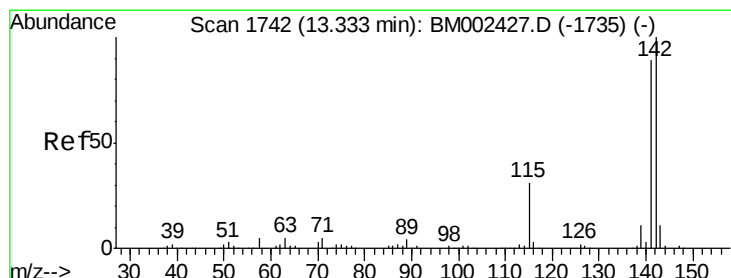
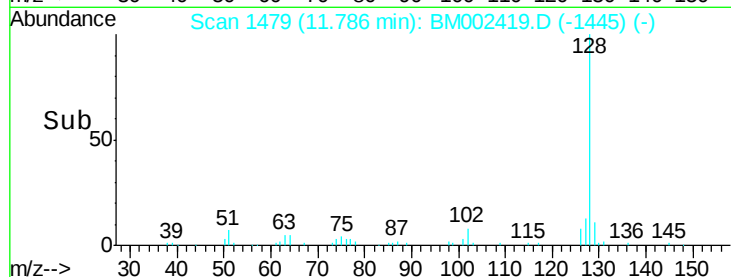
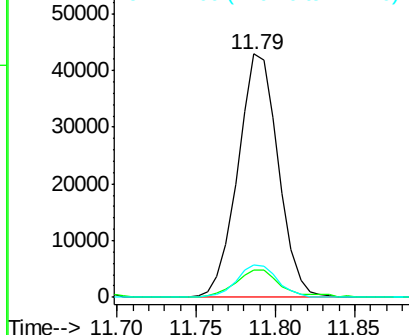


Abundance

Ion 128.00 (127.70 to 128.70): E

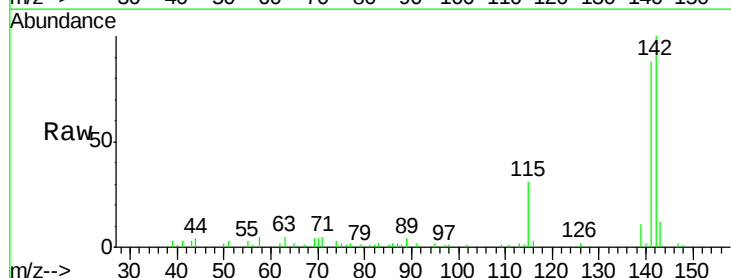
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4
2-Methylnaphthalene
Concen: 1.88 ng/ul
RT: 13.33 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BM002419.D
Acq: 15 Aug 2015 11:43

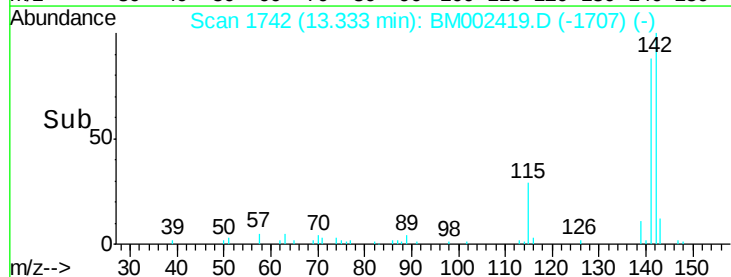
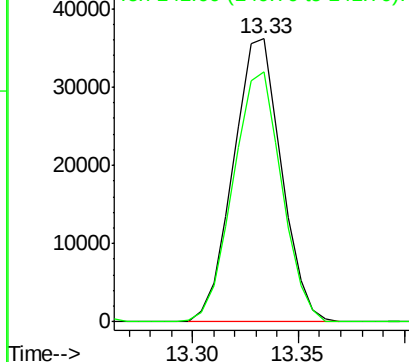
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	57259		
141	88.3		72.2	108.2

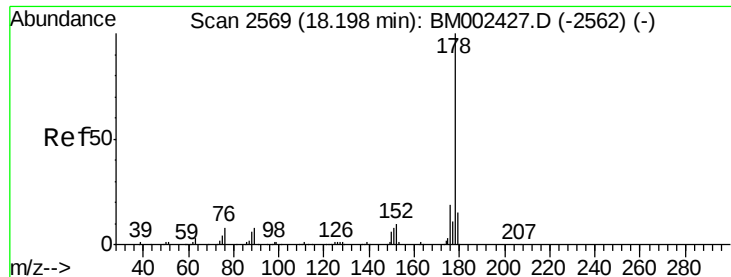


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





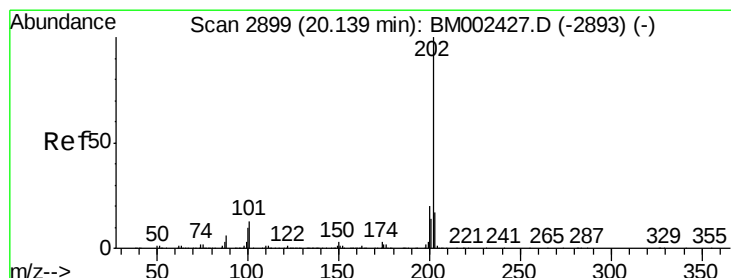
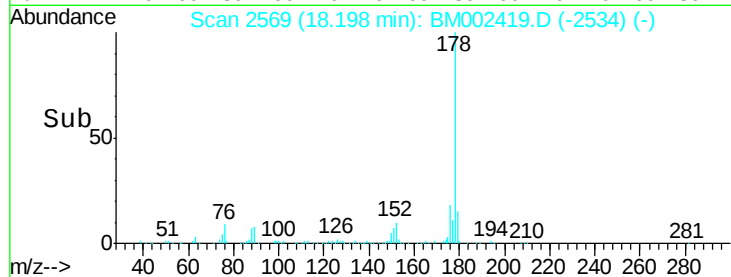
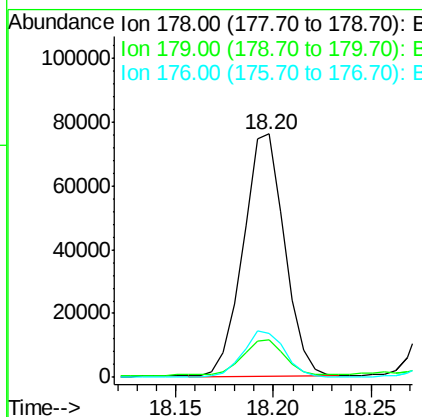
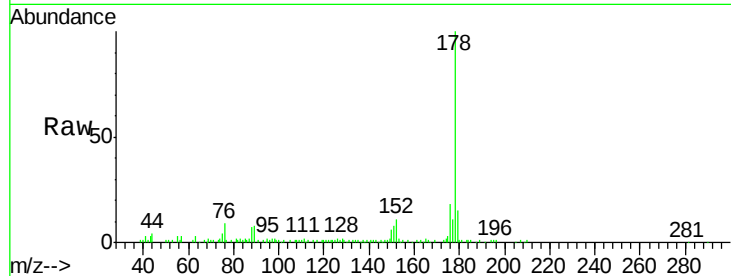
#13
Phenanthrene
Concen: 2.33 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BM002419.D
Acq: 15 Aug 2015 11:43

Instrument :
BNA_M
ClientSampleId :
D9DA5

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	111119		
179	15.4	12.4	18.6	
176	18.1	15.1	22.7	

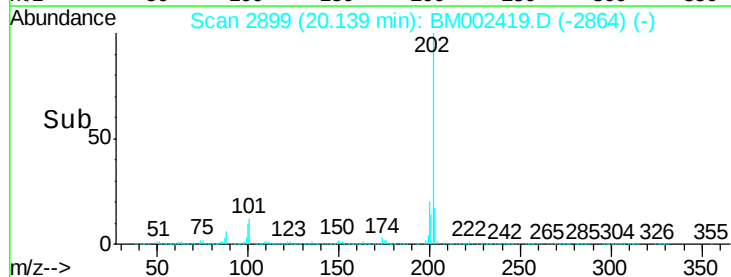
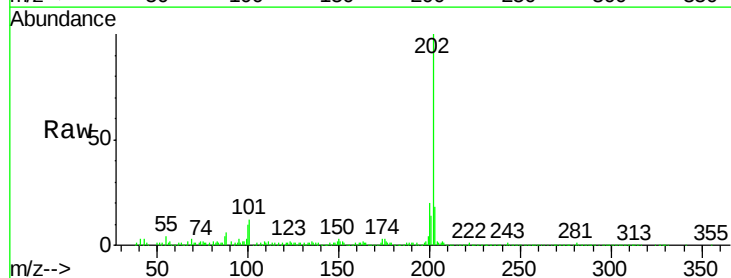
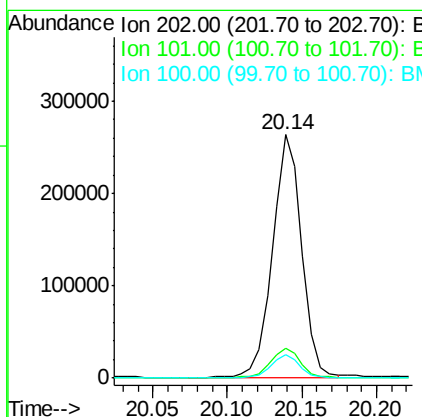
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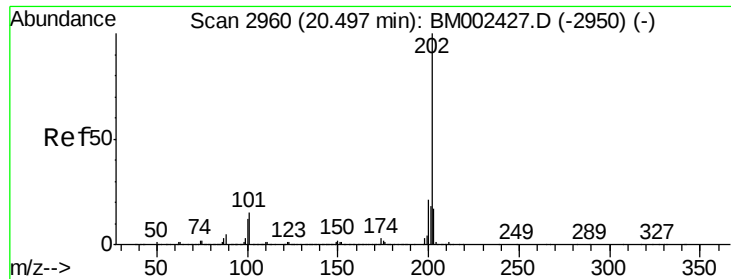
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#16
Fluoranthene
Concen: 6.59 ng/ul
RT: 20.14 min Scan# 2899
Delta R.T. 0.01 min
Lab File: BM002419.D
Acq: 15 Aug 2015 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	355344		
101	12.5	9.7	14.5	
100	9.8	7.4	11.2	





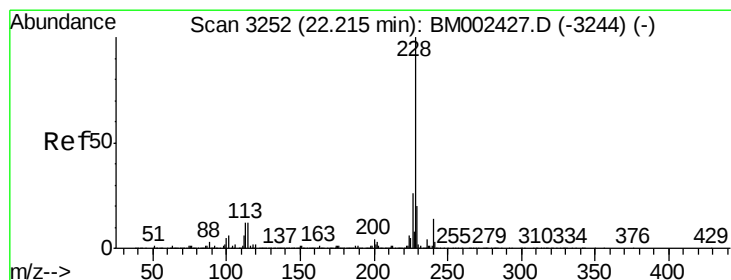
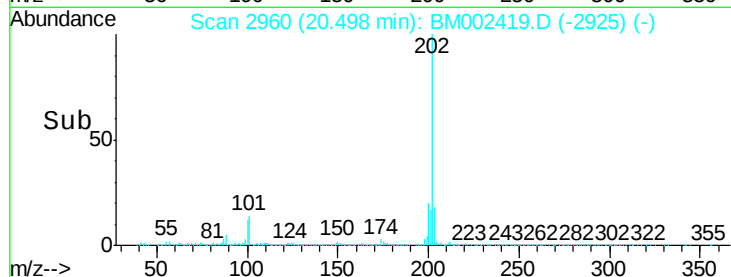
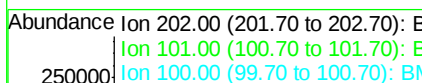
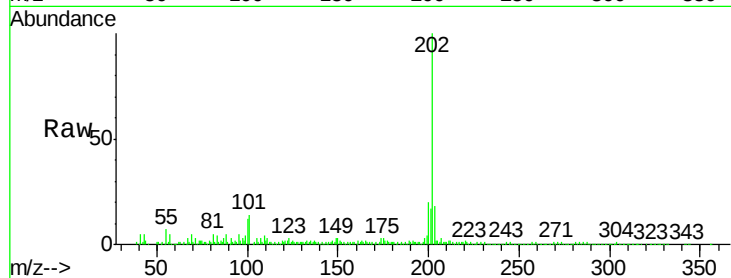
#19
 Pyrene
 Concen: 7.56 ng/ul
 RT: 20.50 min Scan# 2960
 Delta R.T. 0.01 min
 Lab File: BM002419.D
 Acq: 15 Aug 2015 11:43

Instrument :
 BNA_M
 ClientSampleId :
 D9DA5

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	273033		
101	14.2	12.0	18.0	
100	11.8	9.7	14.5	

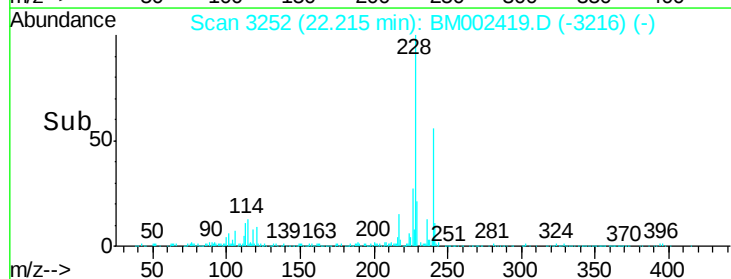
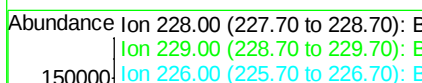
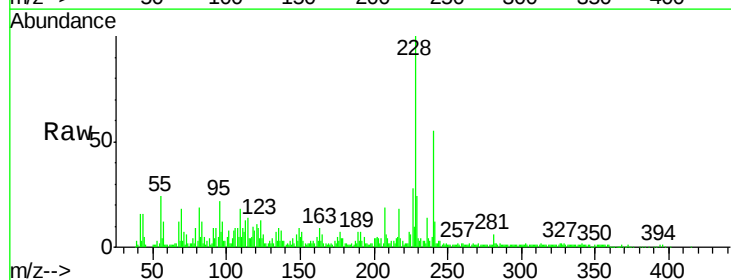
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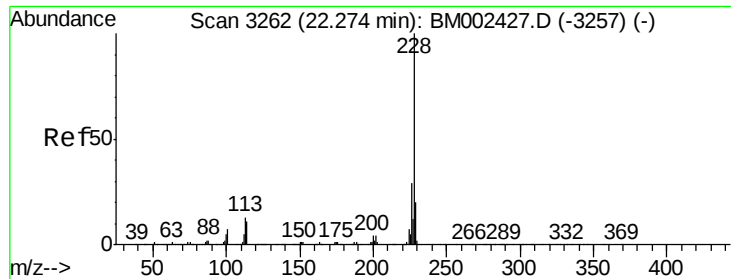
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#20
 Benzo(a)anthracene
 Concen: 4.91 ng/ul
 RT: 22.22 min Scan# 3252
 Delta R.T. 0.01 min
 Lab File: BM002419.D
 Acq: 15 Aug 2015 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	181038		
229	23.7	15.8	23.6#	
226	27.6	21.1	31.7	





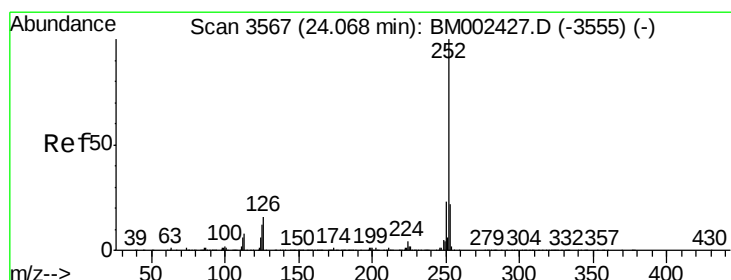
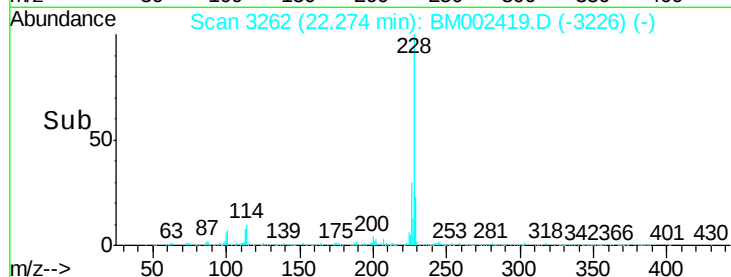
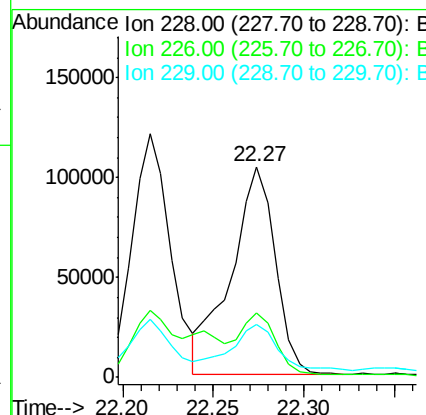
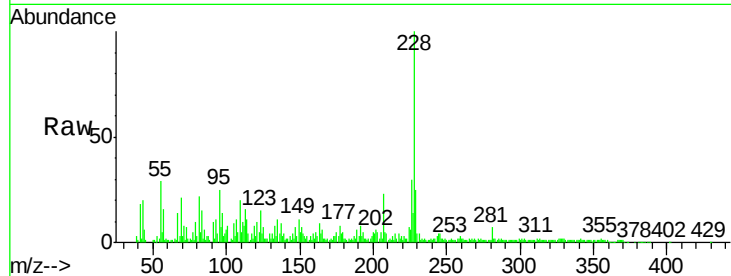
#21
Chrysene
Concen: 5.13 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.01 min
Lab File: BM002419.D
Acq: 15 Aug 2015 11:43

Instrument :
BNA_M
ClientSampleId :
D9DA5

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	23.4	35.2
229	25.3	15.7	23.5#

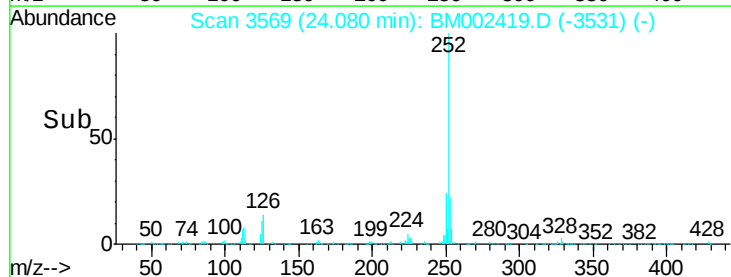
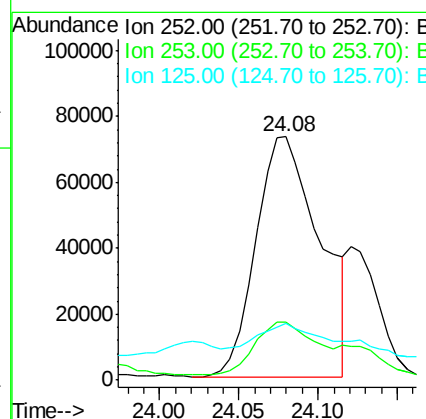
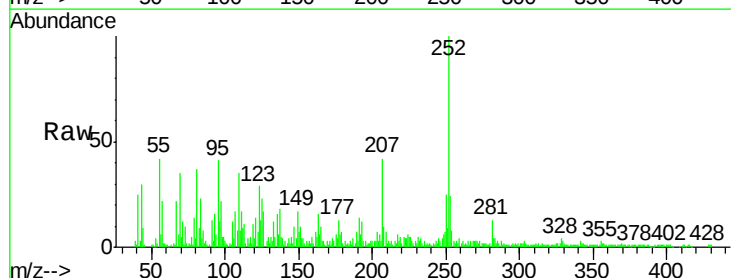
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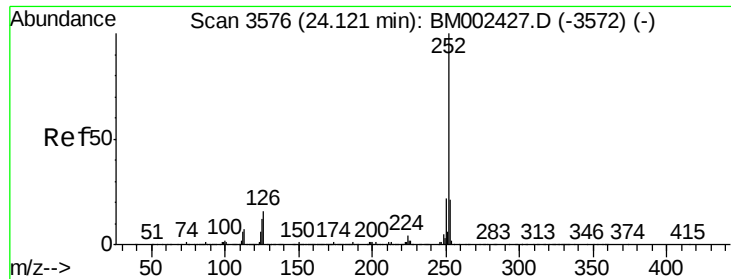
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#23
Benzo(b)fluoranthene
Concen: 6.62 ng/ul
RT: 24.08 min Scan# 3569
Delta R.T. 0.02 min
Lab File: BM002419.D
Acq: 15 Aug 2015 11:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	17.4	26.0
125	23.5	10.0	15.0#





#24

Benzo(k)fluoranthene

Concen: 1.86 ng/ul m

RT: 24.12 min Scan# 3576

Delta R.T. 0.01 min

Lab File: BM002419.D

Acq: 15 Aug 2015 11:43

Instrument :

BNA_M

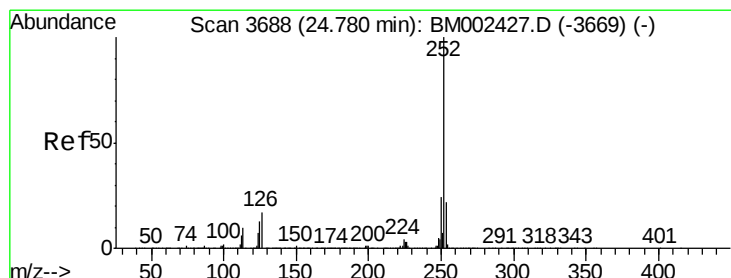
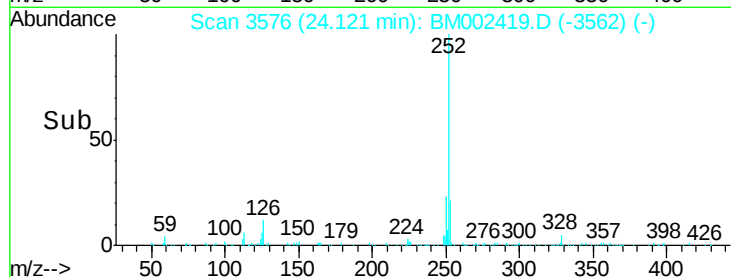
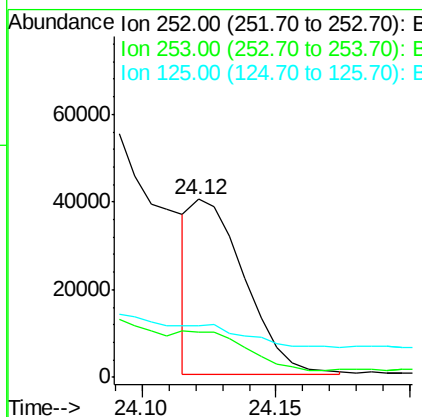
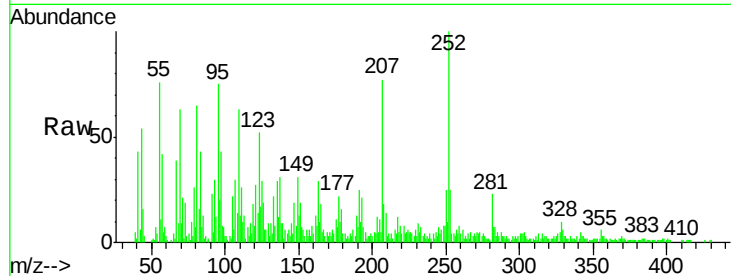
ClientSampleId :

D9DA5

Tgt Ion:	252	Resp:	54441
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.8	26.6
125	29.2	9.8	14.8#

Manual Integrations
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#26

Benzo(a)pyrene

Concen: 3.95 ng/ul

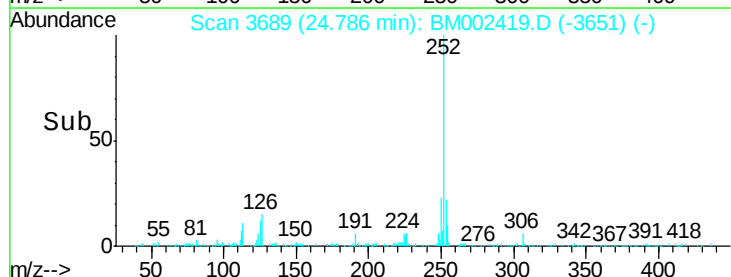
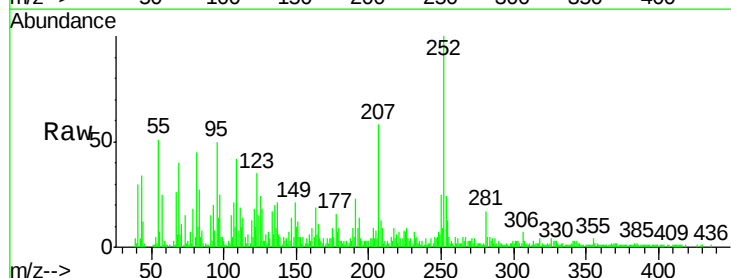
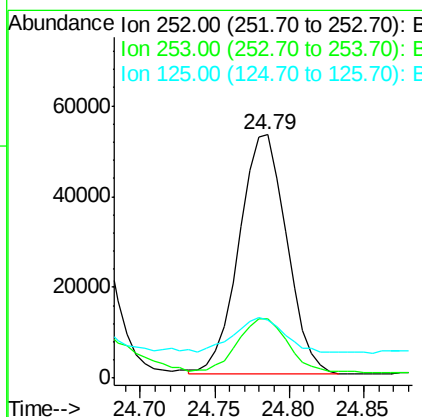
RT: 24.79 min Scan# 3689

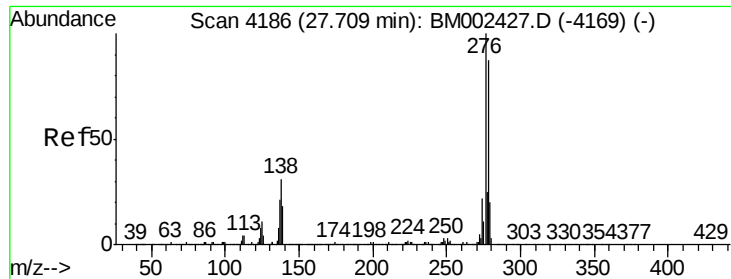
Delta R.T. 0.02 min

Lab File: BM002419.D

Acq: 15 Aug 2015 11:43

Tgt Ion:	252	Resp:	116557
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.6	26.4
125	24.0	10.7	16.1#





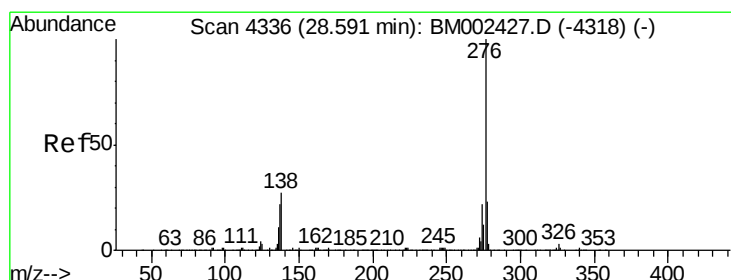
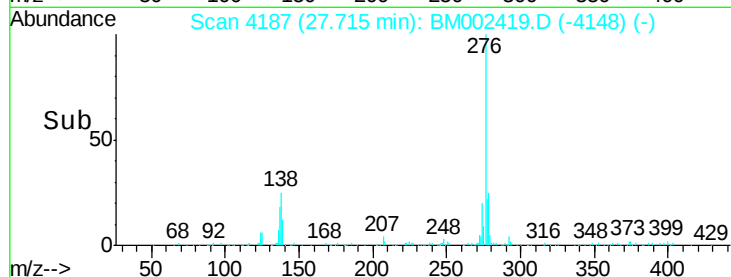
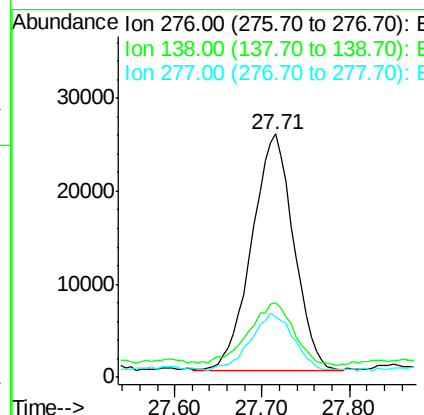
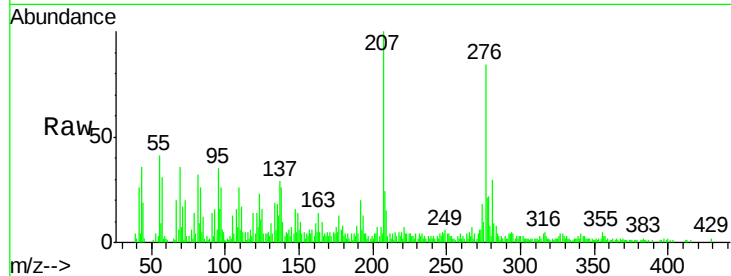
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.47 ng/ul
 RT: 27.71 min Scan# 4187
 Delta R.T. 0.03 min
 Lab File: BM002419.D
 Acq: 15 Aug 2015 11:43

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.5	25.3	37.9
277	24.8	20.2	30.2

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#29
 Benzo(g,h,i)perylene
 Concen: 2.77 ng/ul
 RT: 28.59 min Scan# 4336
 Delta R.T. 0.03 min
 Lab File: BM002419.D
 Acq: 15 Aug 2015 11:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.0	31.6#
277	25.3	19.2	28.8

