

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001483.D
 Acq On : 30 May 2015 20:02
 Operator : TP/IZ
 Sample : G2411-19RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BCRD0RE

Manual Integrations
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 6/1/2015 4:31:14 PM

Quant Time: May 31 04:15:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 31 02:16:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	186263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	777951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	427085	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	847759	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	782372	20.00	ng/ul	0.00
83) Perylene-d12	23.12	264	704849	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	12592	3.37	ng/uL	0.00
5) Phenol-d5	6.59	99	311502	22.55	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.72	67	191106	22.24	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	268340	23.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	258999	22.27	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	126183	24.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	146194	25.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	267262	23.12	ng/ul	0.01
29) 4-Chloroaniline-d4	10.32	131	202325	14.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	706978	23.61	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	987393	24.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	121727	19.93	ng/ul	0.00
57) Fluorene-d10	15.07	176	659584	22.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	55879	10.71	ng/ul	0.00
70) Anthracene-d10	16.92	188	910581	23.30	ng/ul	0.00
76) Pyrene-d10	19.22	212	936050	27.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	762891	24.48	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.53	163	186287	5.51	ng/ul#	98
69) Phenanthrene	16.86	178	125376	2.66	ng/ul	99
74) Fluoranthene	18.89	202	322753	5.64	ng/ul	99
77) Pyrene	19.25	202	283801	6.07	ng/ul	100
80) Benzo(a)anthracene	21.01	228	144883	3.17	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	20.96	149	338745	11.61	ng/ul#	98
82) Chrysene	21.06	228	148545	3.45	ng/ul	95
85) Benzo(b)fluoranthene	22.50	252	206655	4.79	ng/ul#	94
86) Benzo(k)fluoranthene	22.54	252	73955m	1.79	ng/ul	
88) Benzo(a)pyrene	23.03	252	128256	3.17	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.17	276	88506	2.08	ng/ul	95
91) Benzo(g,h,i)perylene	25.80	276	87067	2.48	ng/ul	95

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

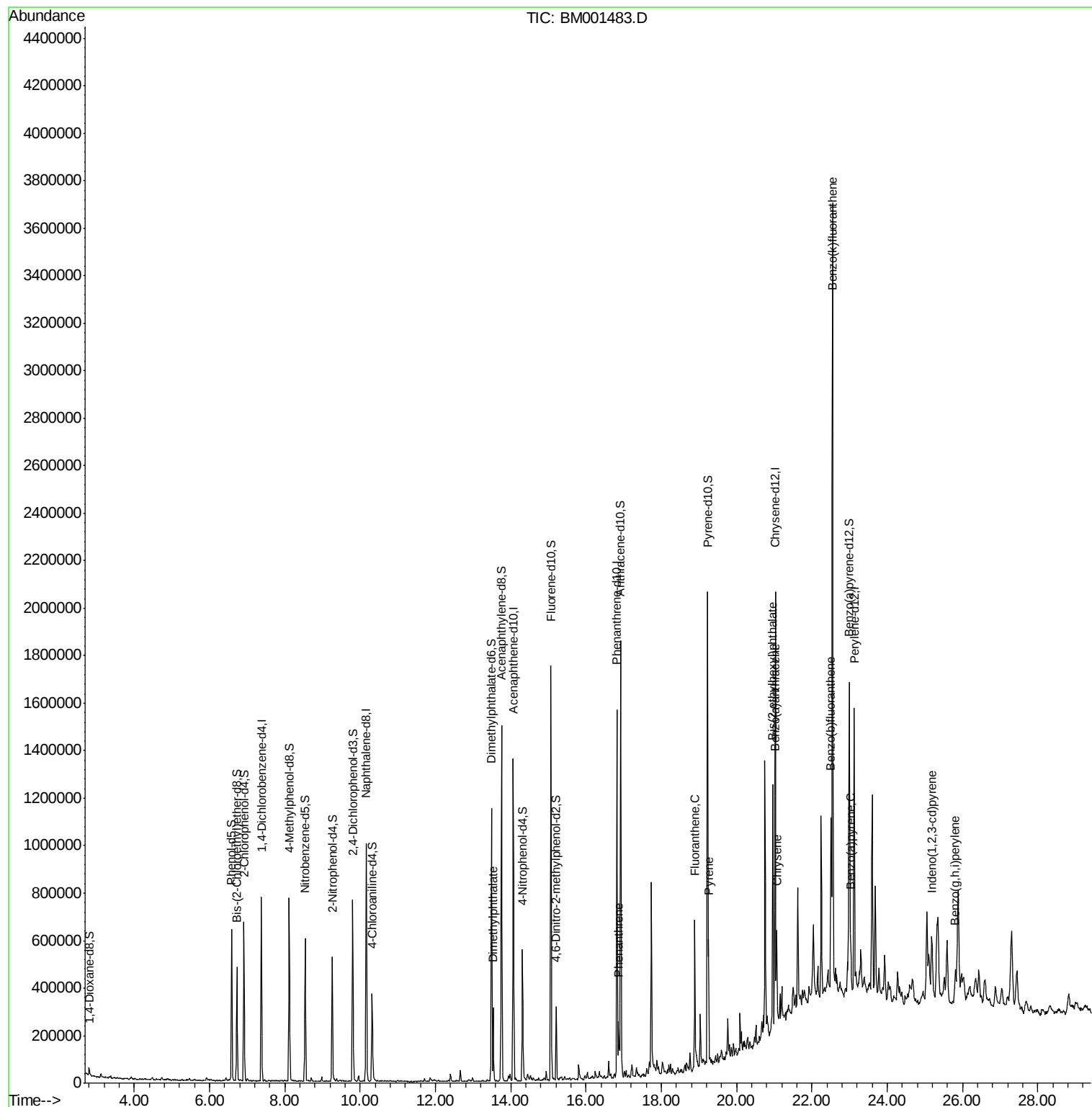
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001483.D
Acq On : 30 May 2015 20:02
Operator : TP/IZ
Sample : G2411-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

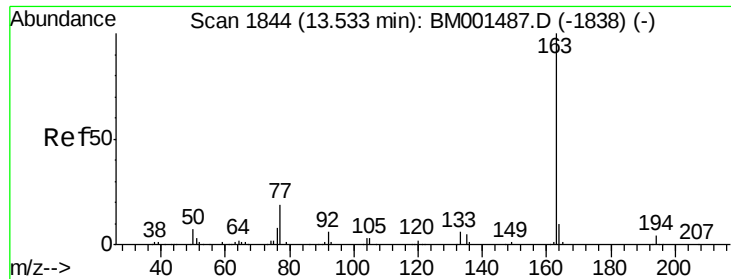
Instrument :
BNA_M
ClientSampleId :
BCRD0RE

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Quant Time: May 31 04:15:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
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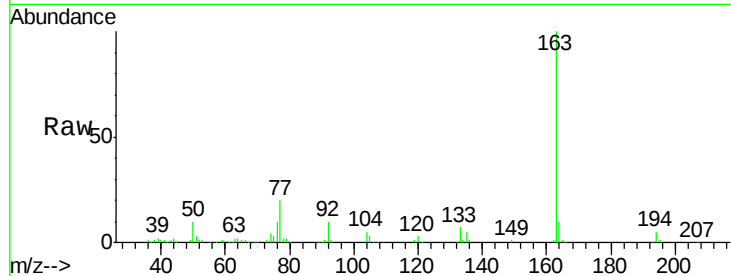
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Dimethylphthalate
Concen: 5.51 ng/ul
RT: 13.53 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM001483.D
Acq: 30 May 2015 20:02

Instrument :
BNA_M
ClientSampleId :
BCRD0RE

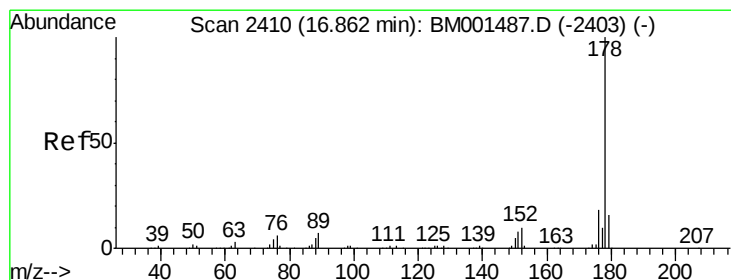
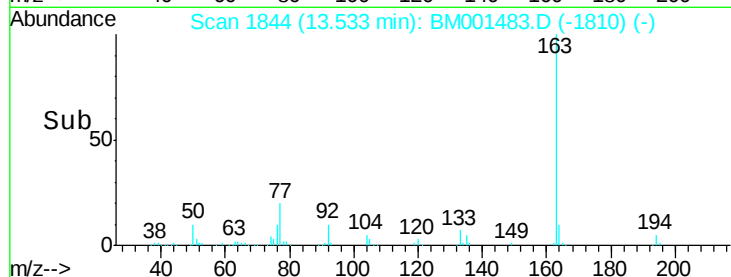
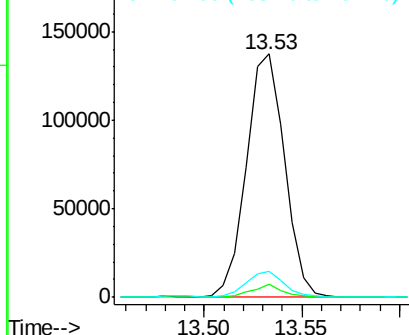
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	186287		
194	5.4	3.0	4.6#	
164	10.5	8.2	12.4	

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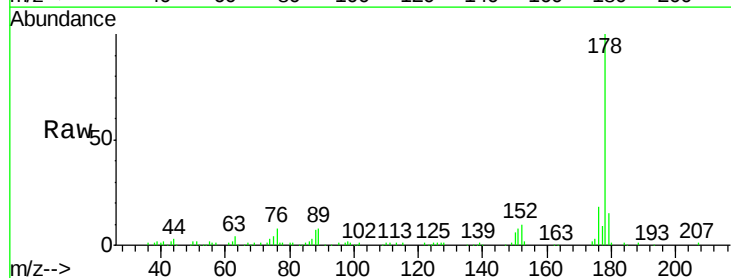


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

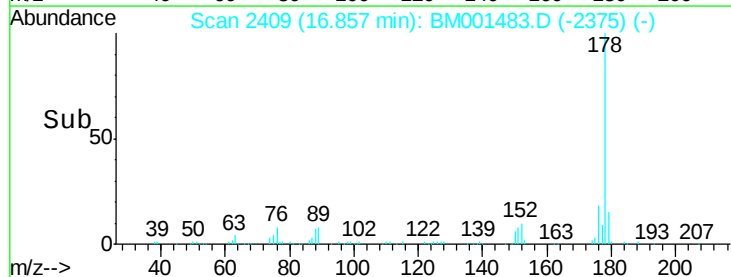
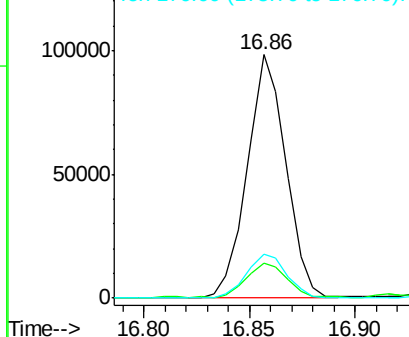


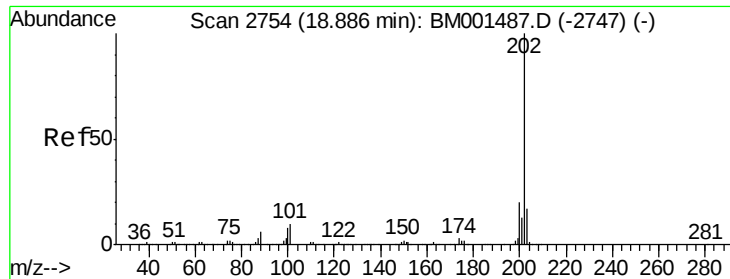
#69
Phenanthrene
Concen: 2.66 ng/ul
RT: 16.86 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM001483.D
Acq: 30 May 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	125376		
179	14.6	11.9	17.9	
176	18.3	15.0	22.4	



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 5.64 ng/ul

RT: 18.89 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

Instrument :

BNA_M

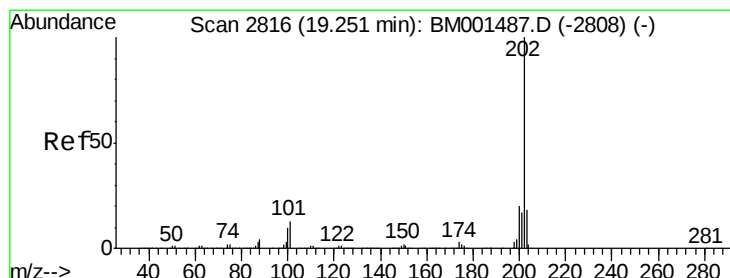
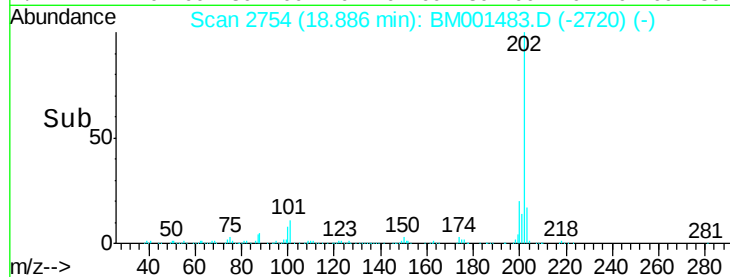
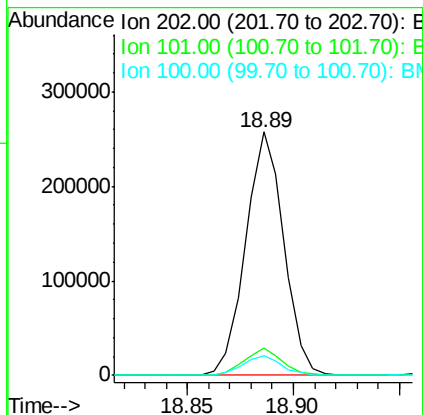
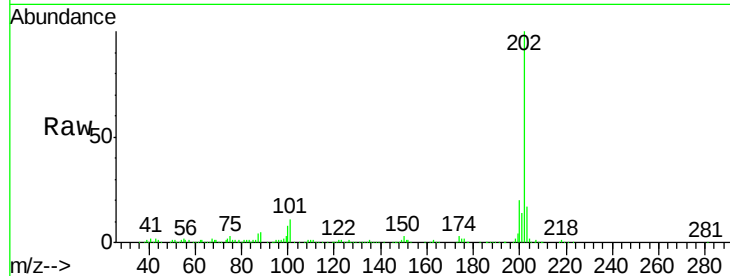
ClientSampleId :

BCRD0RE

Tgt Ion:	202	Resp:	322753
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.6	12.8
100	7.8	6.5	9.7

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#77

Pyrene

Concen: 6.07 ng/ul

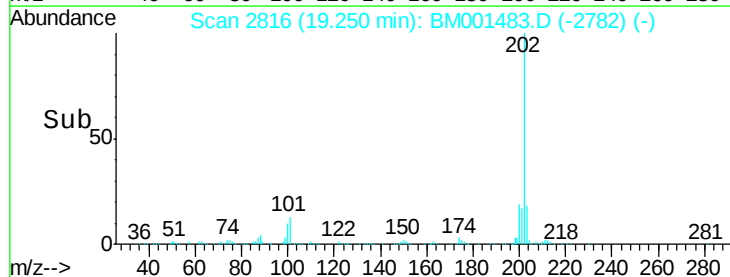
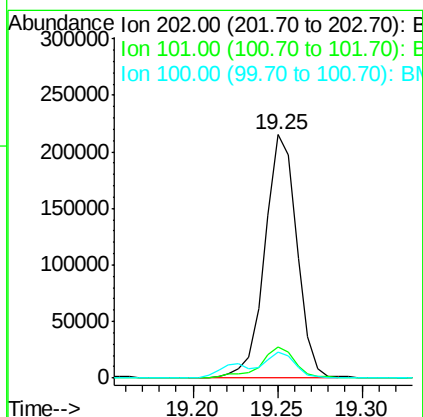
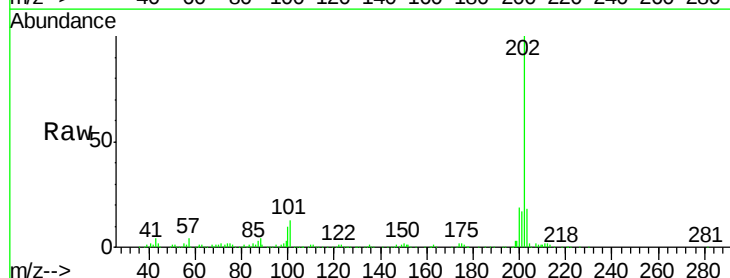
RT: 19.25 min Scan# 2816

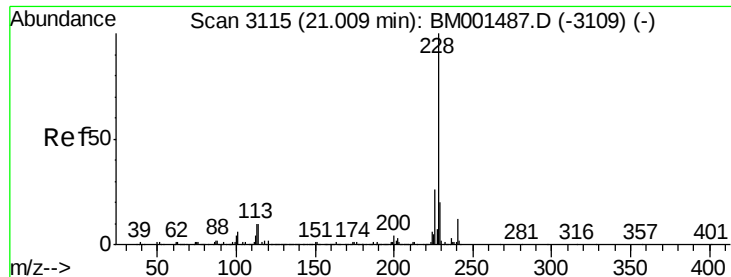
Delta R.T. -0.00 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

Tgt Ion:	202	Resp:	283801
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.3	15.5
100	10.4	8.6	12.8





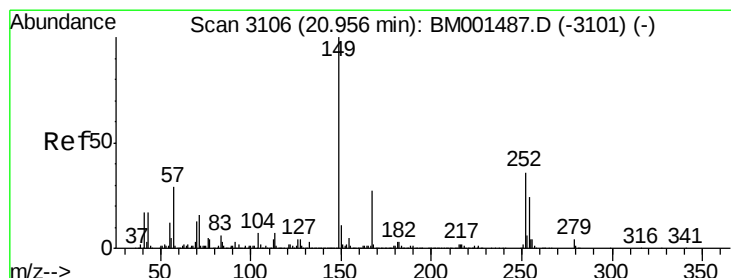
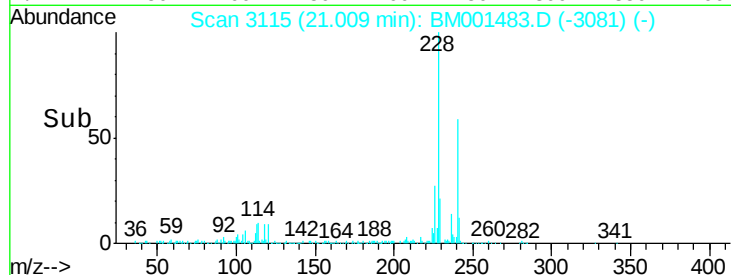
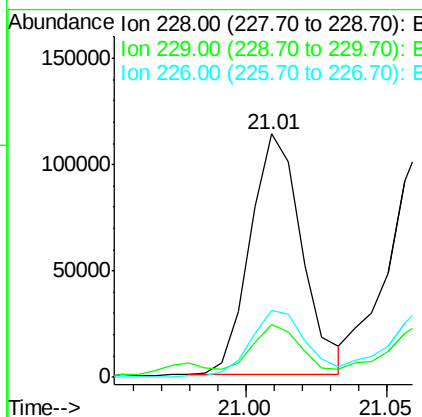
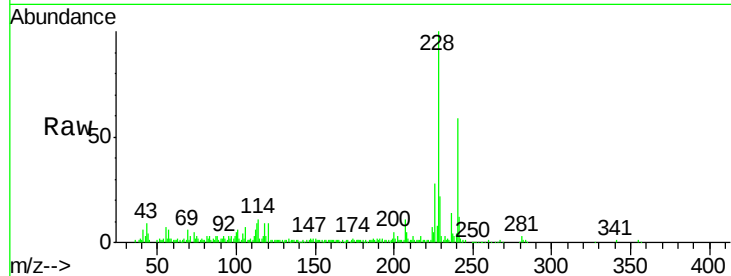
#80
Benzo(a)anthracene
Concen: 3.17 ng/ul
RT: 21.01 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM001483.D
Acq: 30 May 2015 20:02

Instrument :
BNA_M
ClientSampleId :
BCRD0RE

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	27.6	20.6	30.8

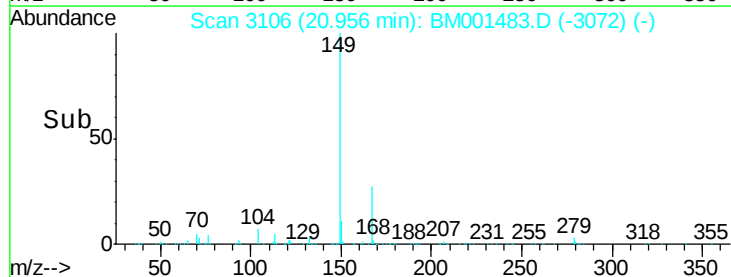
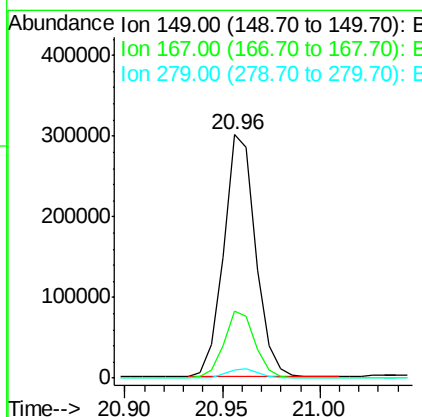
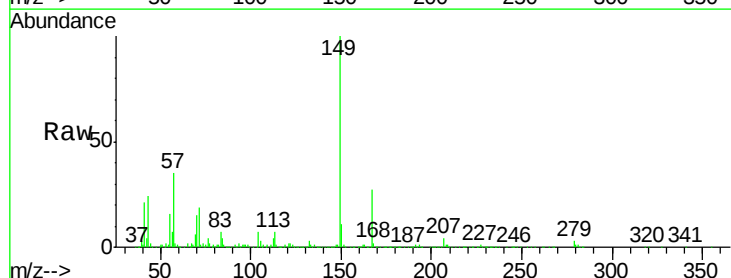
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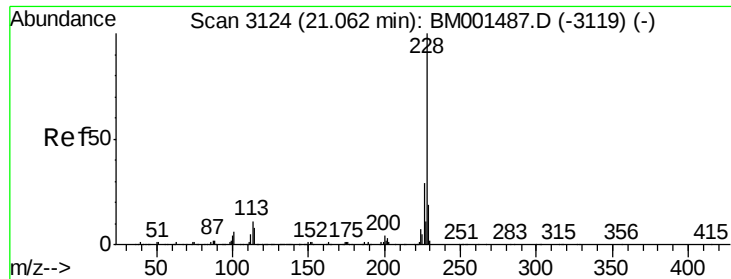
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#81
Bis(2-ethylhexyl)phthalate
Concen: 11.61 ng/ul
RT: 20.96 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM001483.D
Acq: 30 May 2015 20:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.2	31.8
279	3.1	3.1	4.7#





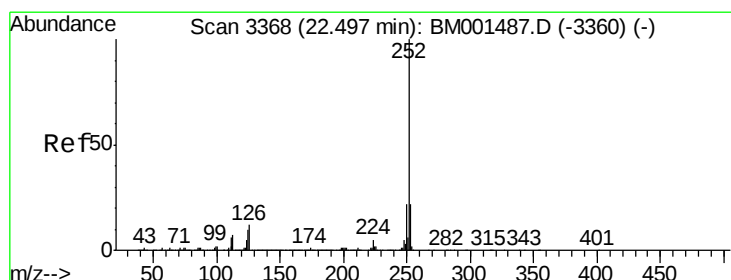
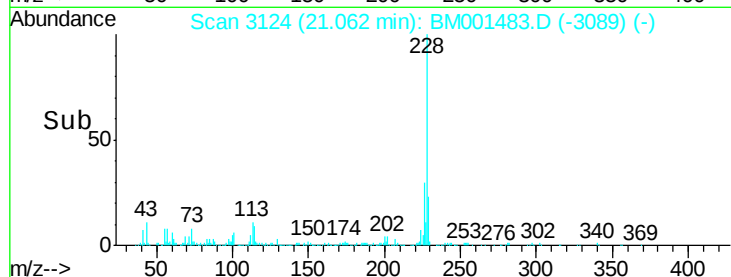
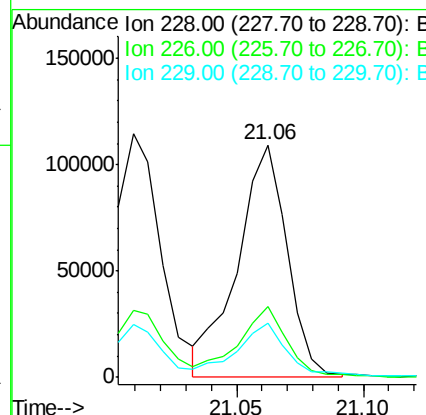
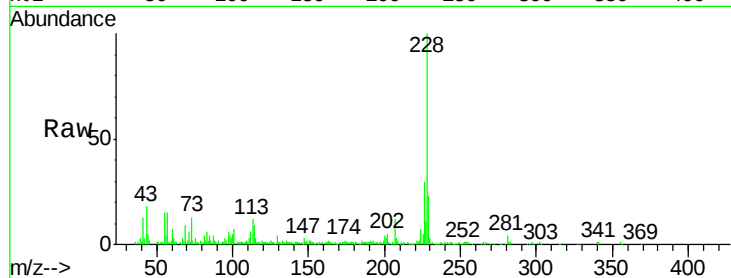
#82
Chrysene
Concen: 3.45 ng/ul
RT: 21.06 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM001483.D
Acq: 30 May 2015 20:02

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	148545		
226	30.3	23.0	34.4	
229	23.2	15.7	23.5	

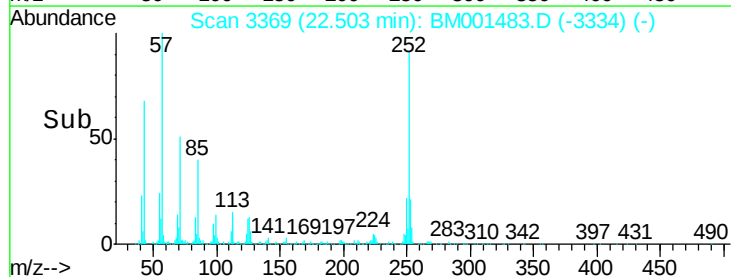
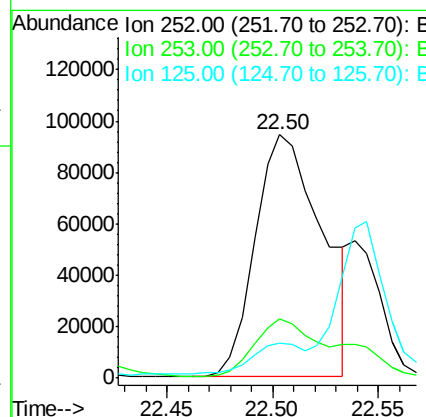
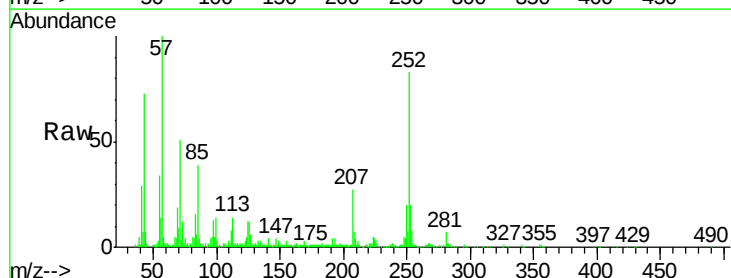
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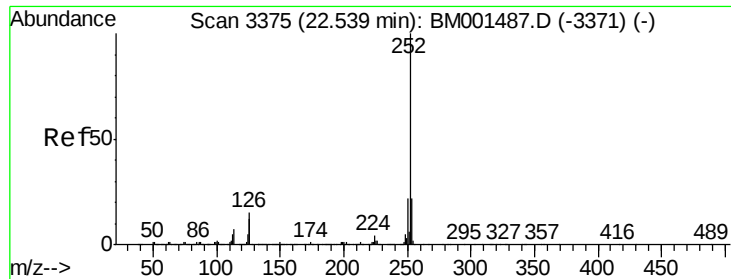
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#85
Benzo(b)fluoranthene
Concen: 4.79 ng/ul
RT: 22.50 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM001483.D
Acq: 30 May 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	206655		
253	24.2	18.0	27.0	
125	14.6	8.6	12.8#	





#86

Benzo(k)fluoranthene

Concen: 1.79 ng/ul m

RT: 22.54 min Scan# 3375

Delta R.T. -0.00 min

Lab File: BM001483.D

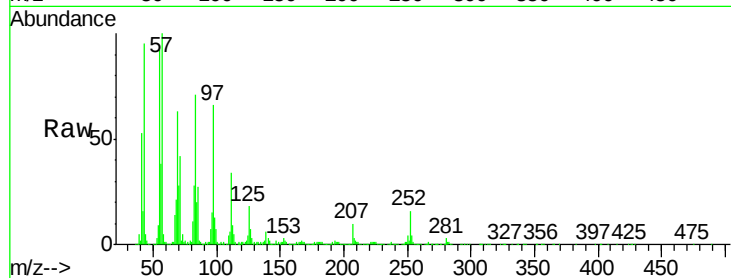
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Instrument :

BNA_M

ClientSampleId :

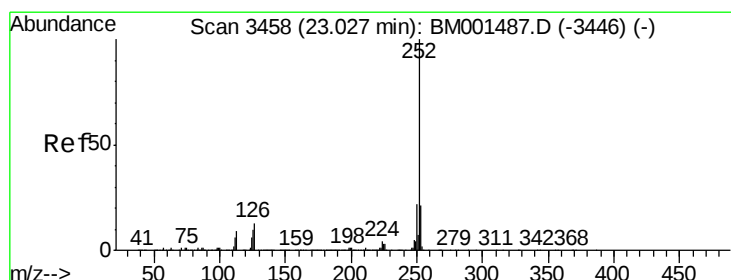
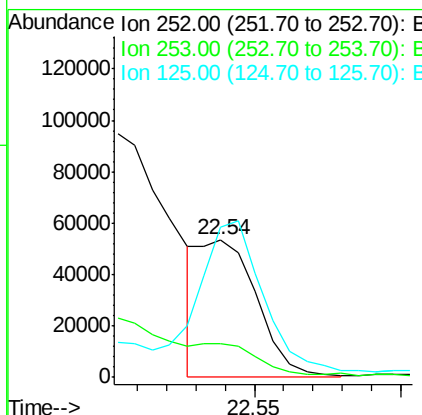
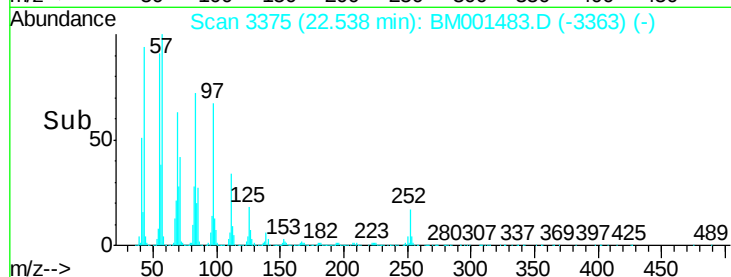
BCRD0RE



Tgt Ion:	252	Resp:	73955
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.0
125	109.2	8.6	13.0#

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#88

Benzo(a)pyrene

Concen: 3.17 ng/ul

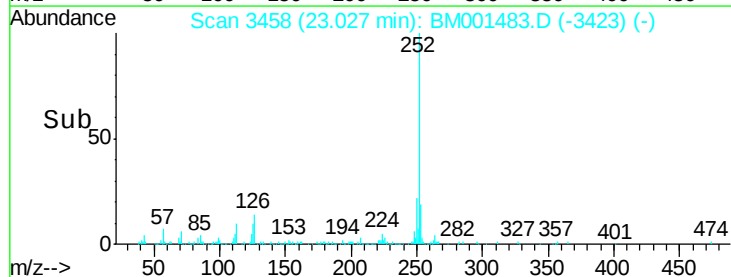
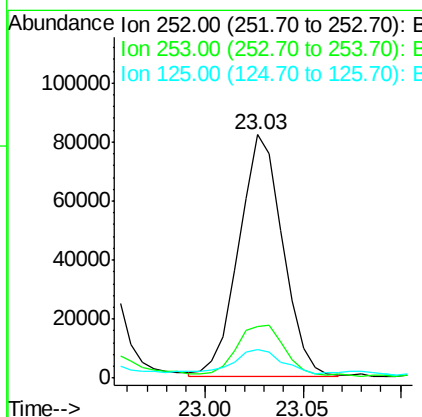
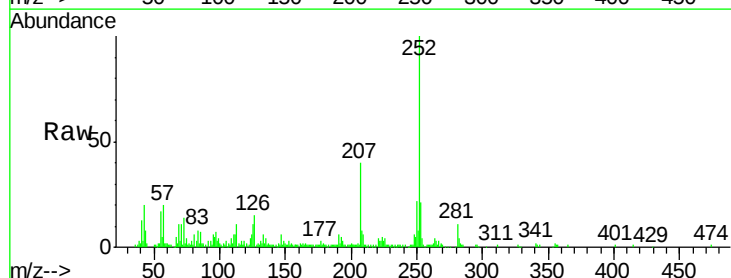
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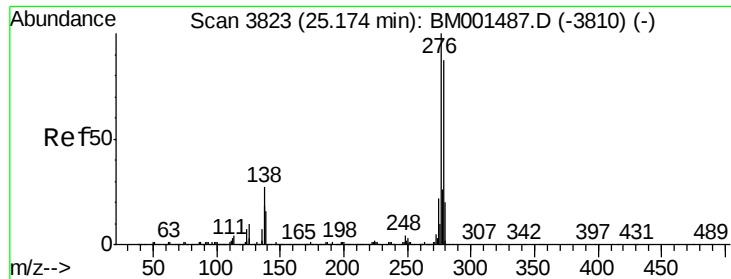
Delta R.T. 0.01 min

Lab File: BM001483.D

Acq: 30 May 2015 20:02

Tgt Ion:	252	Resp:	128256
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.0	25.4
125	11.5	8.8	13.2





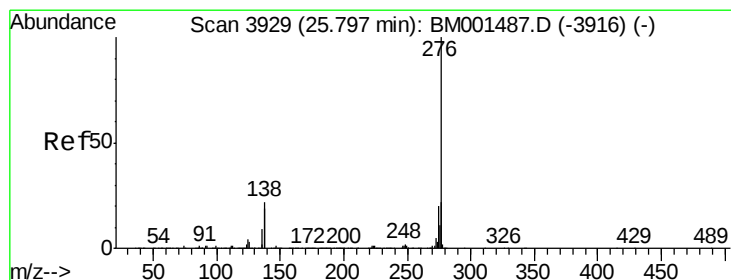
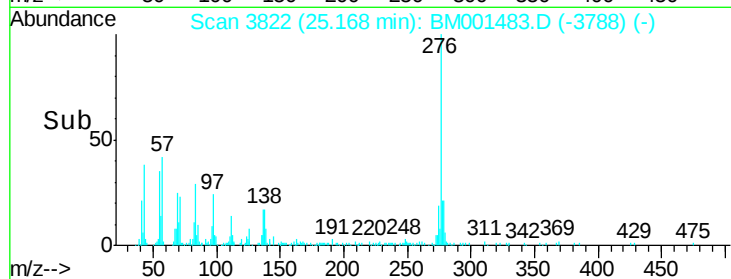
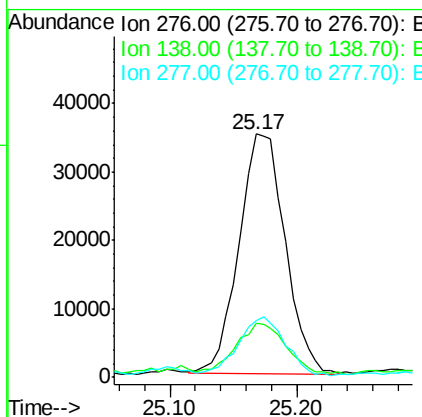
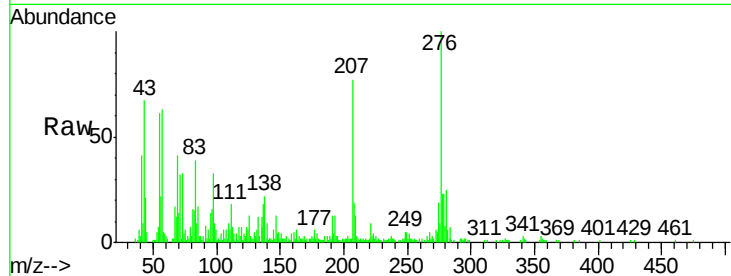
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.08 ng/ul
 RT: 25.17 min Scan# 3822
 Delta R.T. -0.00 min
 Lab File: BM001483.D
 Acq: 30 May 2015 20:02

Instrument :
 BNA_M
 ClientSampleId :
 BCRD0RE

Tgt Ion:	276	Resp:	88506
Ion Ratio	Lower	Upper	
276	100		
138	22.1	20.6	31.0
277	23.2	19.2	28.8

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#91
 Benzo(g,h,i)perylene
 Concen: 2.48 ng/ul
 RT: 25.80 min Scan# 3930
 Delta R.T. 0.01 min
 Lab File: BM001483.D
 Acq: 30 May 2015 20:02

Tgt Ion:	276	Resp:	87067
Ion Ratio	Lower	Upper	
276	100		
138	23.7	17.9	26.9
277	21.0	19.7	29.5

