

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
 Data File : BM008566.D
 Acq On : 22 Dec 2016 21:27
 Operator : UM/SJ
 Sample : H5938-13DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA835DL

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Quant Time: Dec 23 10:35:45 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 04:12:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	422	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	1547	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.28	164	802	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1764	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1559	0.40	ng/ul	-0.01
20) Perylene-d12	23.47	264	1539	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	110	0.05	ng/ul	-0.05
14) Fluoranthene-d10	19.08	212	292m	0.06	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.48	128	4046	0.93	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	5380	1.84	ng/ul	100
8) Acenaphthene	14.35	153	420	0.15	ng/ul#	89
9) Fluorene	15.34	166	996	0.32	ng/ul#	71
12) Phenanthrene	17.09	178	7978	1.48	ng/ul	92
13) Anthracene	17.18	178	718m	0.14	ng/ul	
15) Fluoranthene	19.12	202	1975	0.30	ng/ul	86
17) Pyrene	19.48	202	2141	0.36	ng/ul#	87
18) Benzo(a)anthracene	21.23	228	1717	0.34	ng/ul#	68
19) Chrysene	21.28	228	2075	0.37	ng/ul#	73
21) Benzo(b)fluoranthene	22.82	252	1312m	0.22	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	500m	0.08	ng/ul	
23) Benzo(a)pyrene	23.38	252	956	0.17	ng/ul#	74
26) Benzo(g,h,i)perylene	26.40	276	516	0.09	ng/ul#	52

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

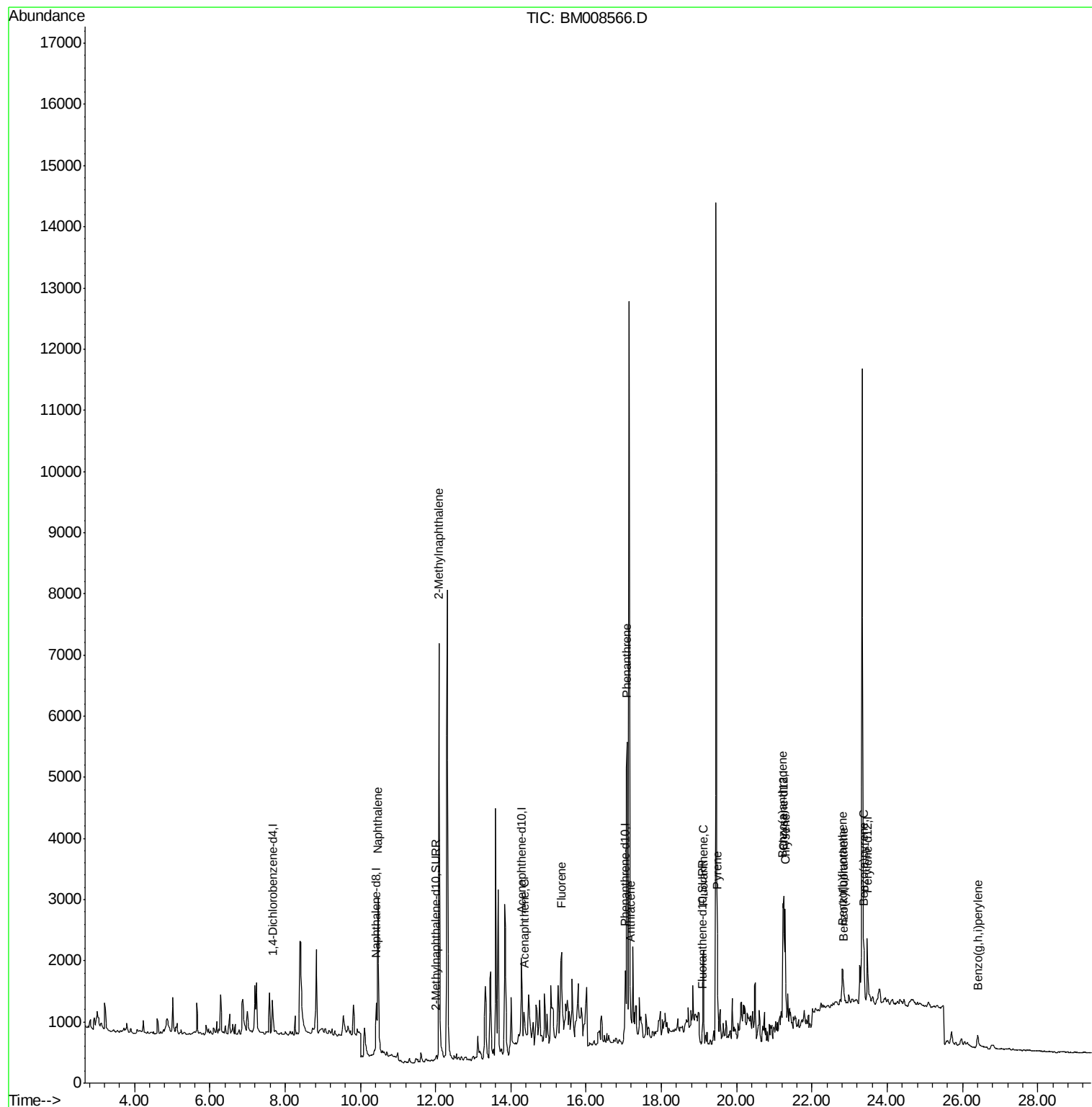
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

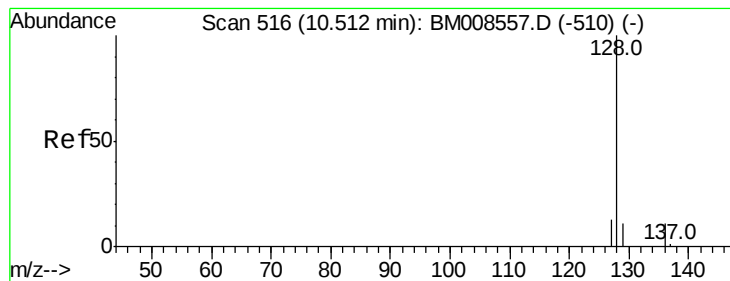
Instrument :
BNA_M
ClientSampleId :
DA835DL

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Quant Time: Dec 23 10:35:45 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 04:12:47 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.93 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.04 min

Lab File: BM008566.D

Acq: 22 Dec 2016 21:27

Instrument :

BNA_M

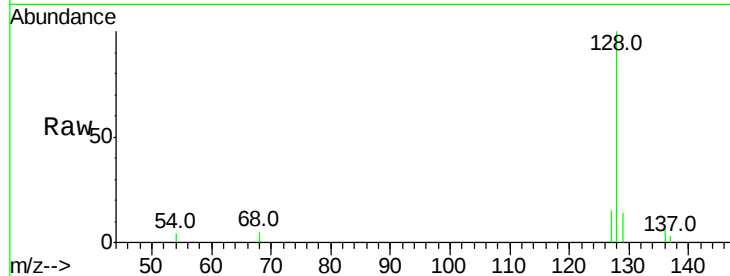
ClientSampleId :

DA835DL

Tot Ion:128	Resp:	4046
Ion Ratio	Lower	Upper
128 100		
129 13.7	11.3	16.9
127 15.3	12.8	19.2

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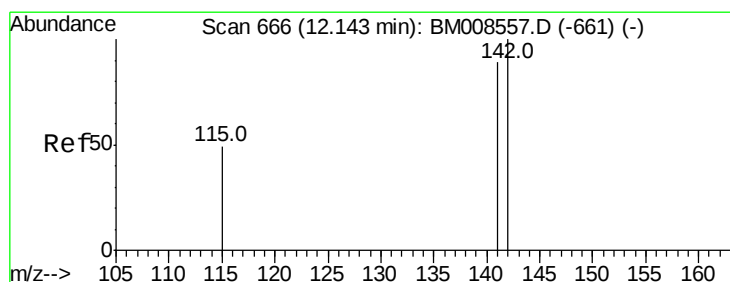
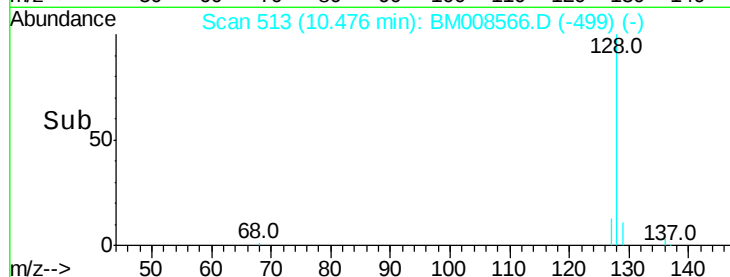
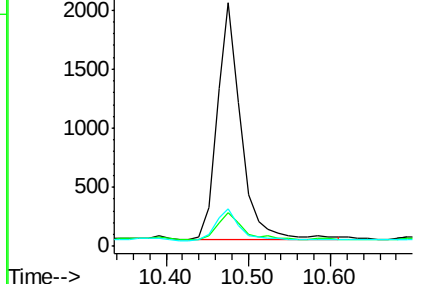
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.84 ng/ul

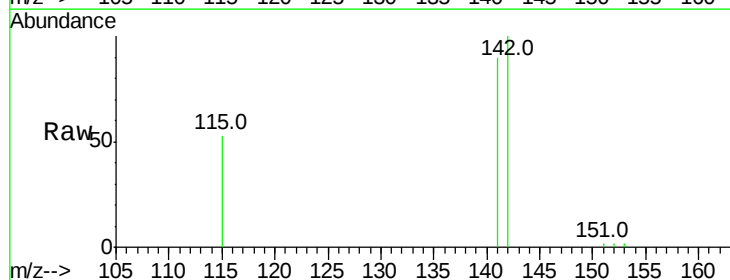
RT: 12.09 min Scan# 661

Delta R.T. -0.05 min

Lab File: BM008566.D

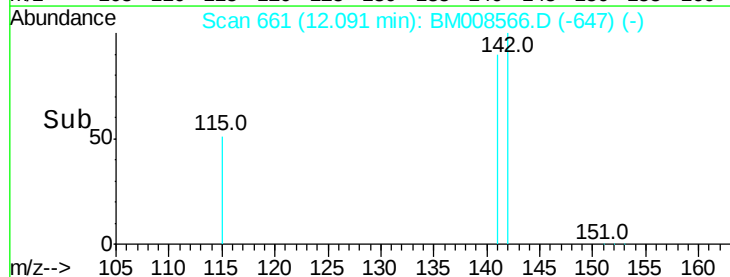
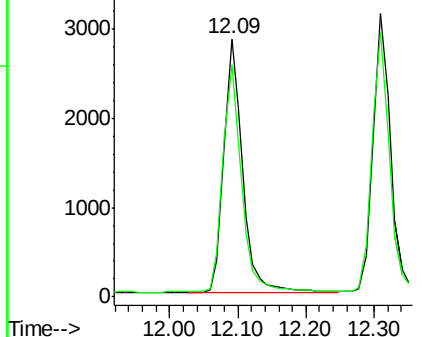
Acq: 22 Dec 2016 21:27

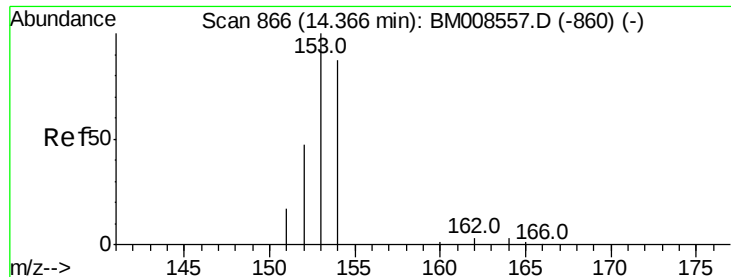
Tgt Ion:142	Resp:	5380
Ion Ratio	Lower	Upper
142 100		
141 90.9	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.15 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008566.D

Acq: 22 Dec 2016 21:27

Instrument :

BNA_M

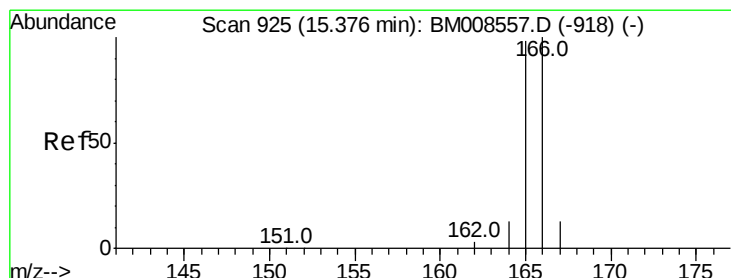
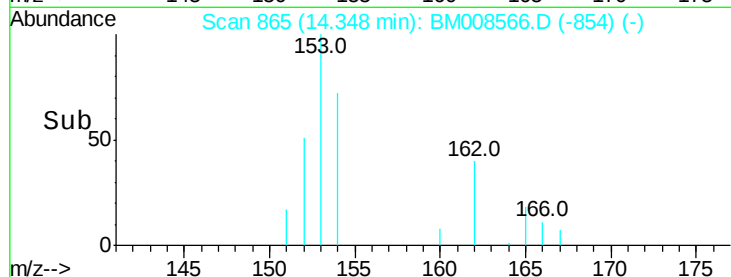
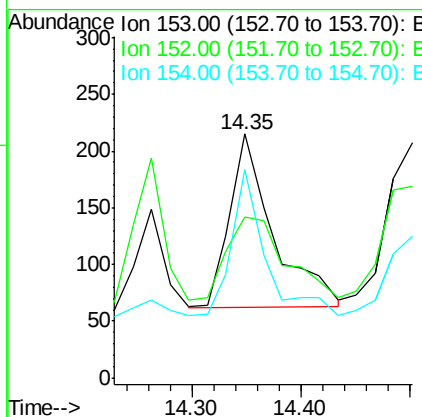
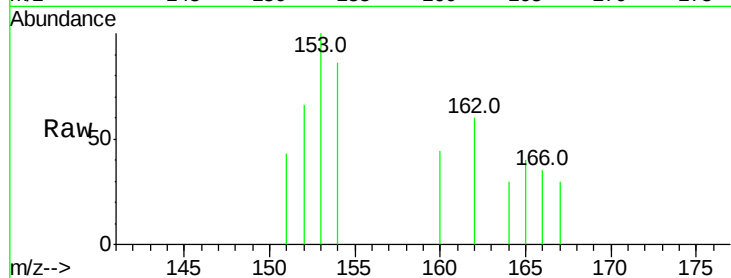
ClientSampled :

DA835DL

Tot Ion:	153	Resp:	420
Ion Ratio	Lower	Upper	
153	100		
152	66.0	40.3	60.5#
154	85.6	71.4	107.2

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#9

Fluorene

Concen: 0.32 ng/ul

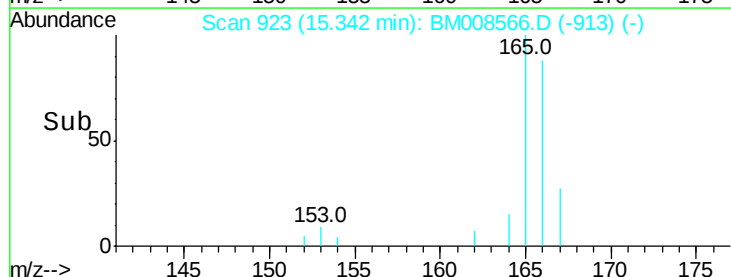
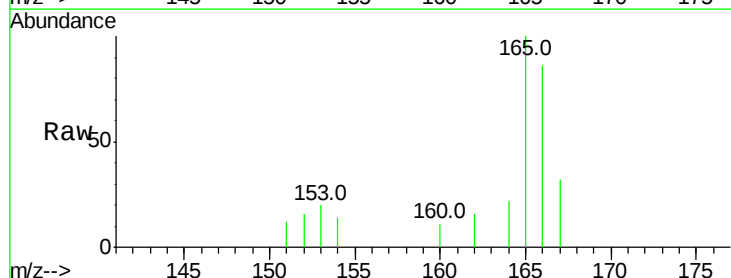
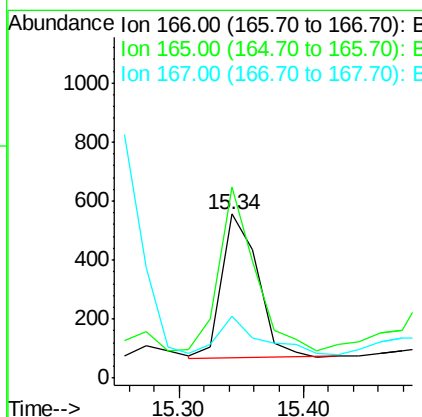
RT: 15.34 min Scan# 923

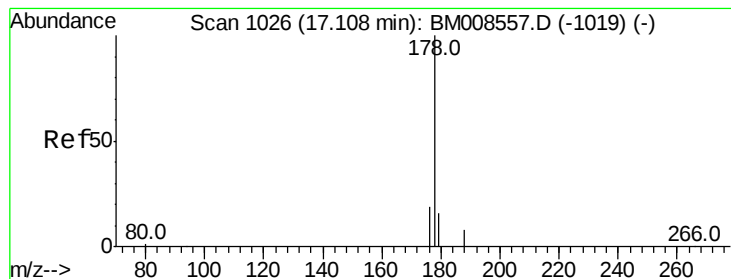
Delta R.T. -0.03 min

Lab File: BM008566.D

Acq: 22 Dec 2016 21:27

Tgt Ion:	166	Resp:	996
Ion Ratio	Lower	Upper	
166	100		
165	116.7	73.4	110.2#
167	37.8	14.6	22.0#





#12

Phenanthrene

Concen: 1.48 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BM008566.D

Acq: 22 Dec 2016 21:27

Instrument :

BNA_M

ClientSampleId :

DA835DL

Tot Ion:178 Resp: 7978

Ion Ratio Lower Upper

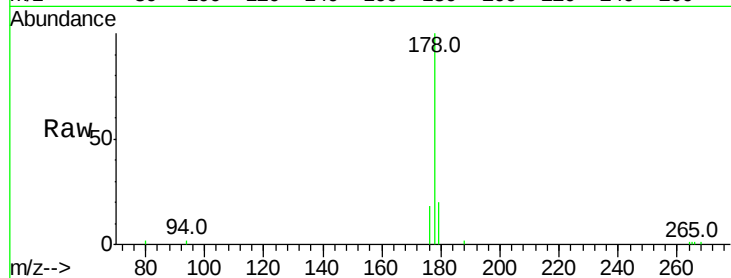
178 100

176 18.4 18.4 27.6

179 19.9 13.6 20.4

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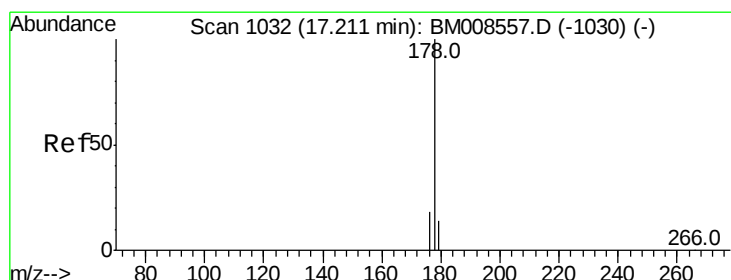
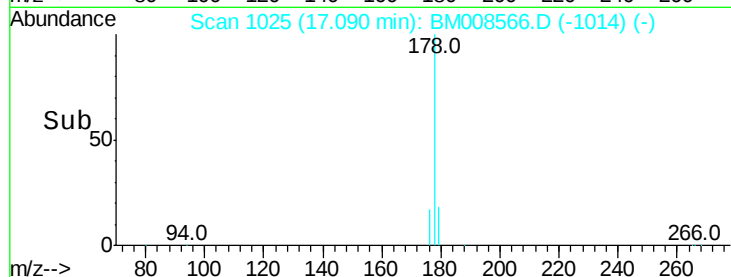
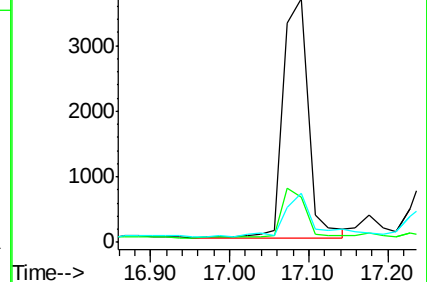
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.14 ng/ul m

RT: 17.18 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BM008566.D

Acq: 22 Dec 2016 21:27

Tgt Ion:178 Resp: 718

Ion Ratio Lower Upper

178 100

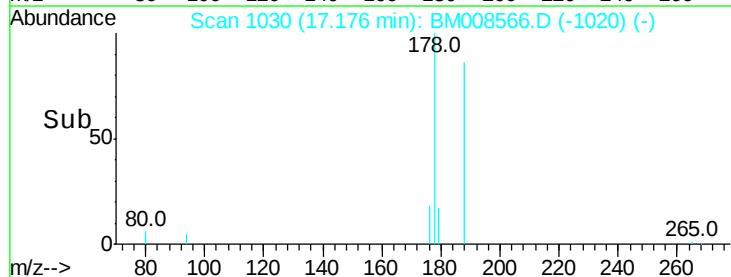
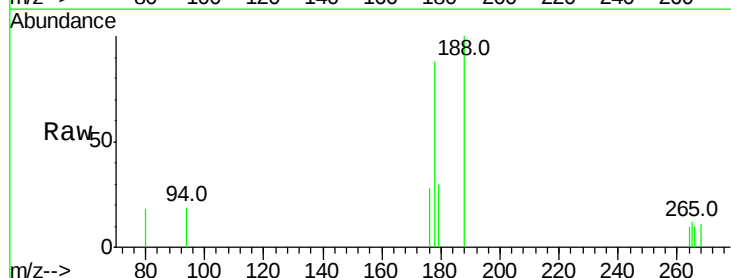
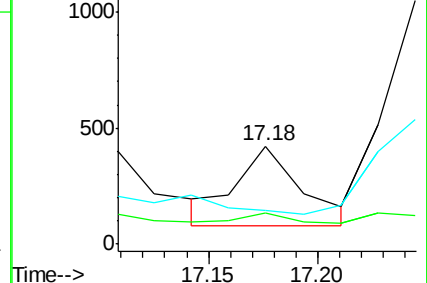
176 32.3 18.1 27.1#

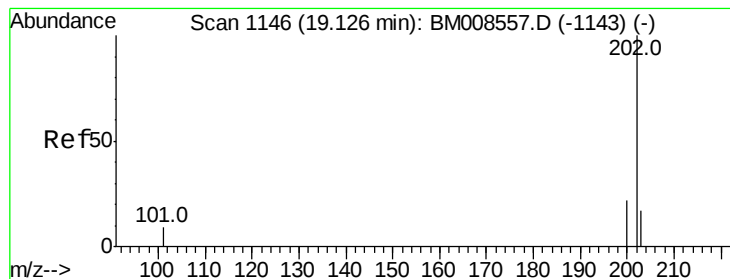
179 34.4 14.7 22.1#

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.30 ng/ul

RT: 19.12 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM008566.D

Acq: 22 Dec 2016 21:27

Instrument :

BNA_M

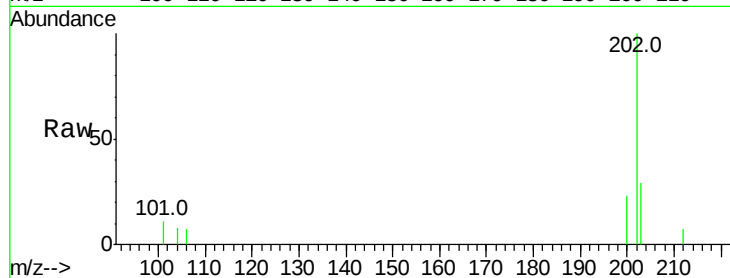
ClientSampleId :

DA835DL

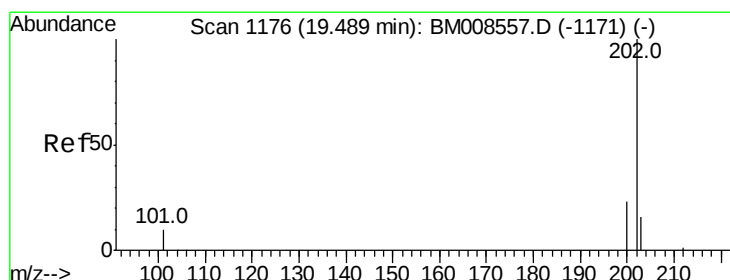
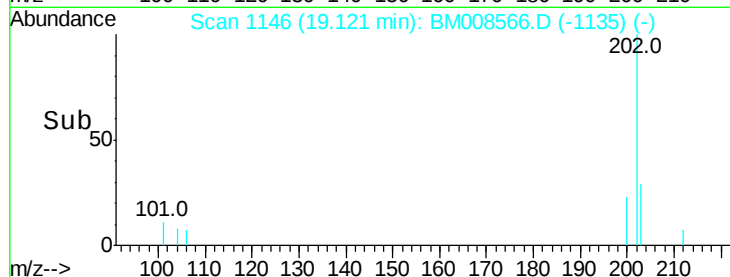
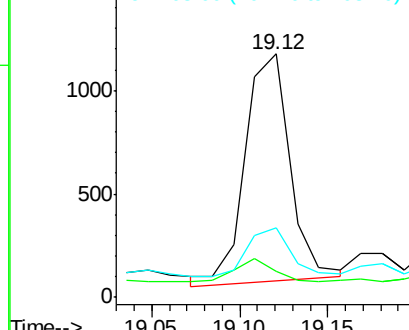
Tot Ion:	202	Resp:	1975
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	30.3
203	28.7	0.0	39.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#17

Pyrene

Concen: 0.36 ng/ul

RT: 19.48 min Scan# 1176

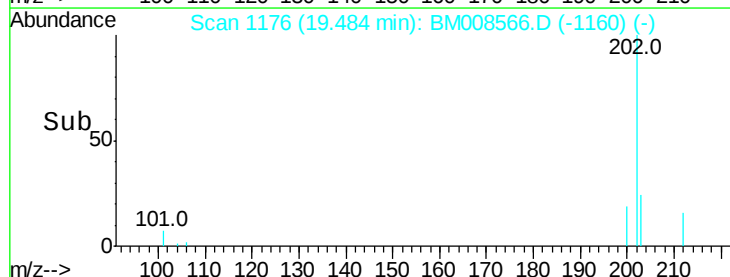
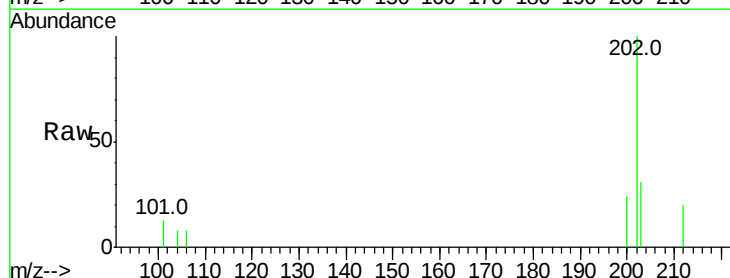
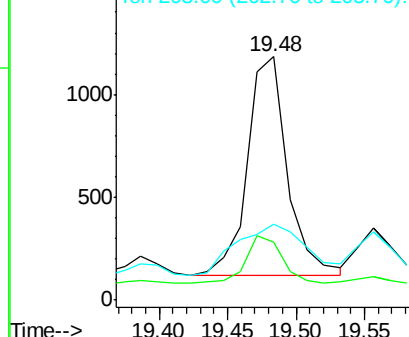
Delta R.T. -0.01 min

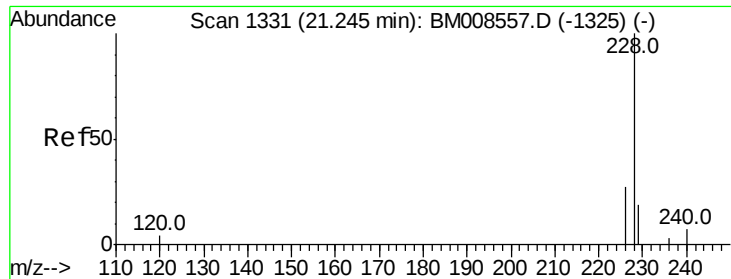
Lab File: BM008566.D

Acq: 22 Dec 2016 21:27

Tgt Ion:	202	Resp:	2141
Ion Ratio	Lower	Upper	
202	100		
200	23.9	18.2	27.4
203	31.3	15.6	23.4#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





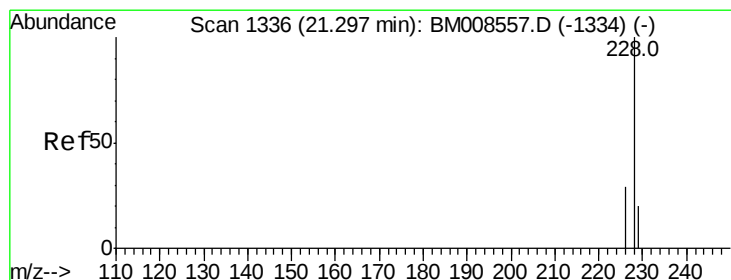
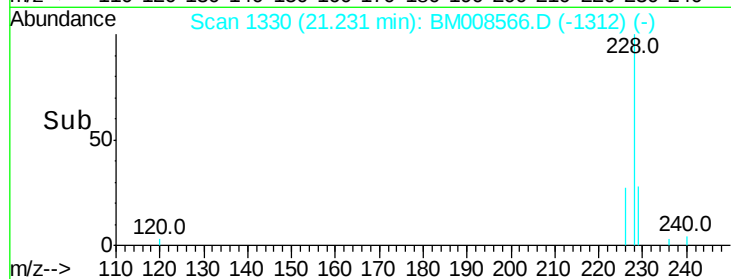
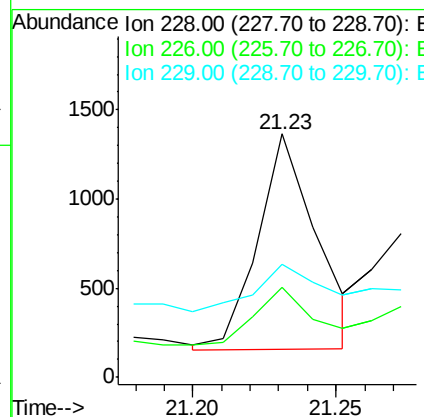
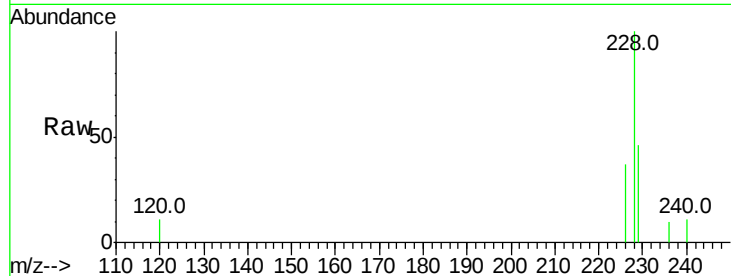
#18
Benzo(a)anthracene
Concen: 0.34 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BM008566.D
Acq: 22 Dec 2016 21:27

Instrument :
BNA_M
ClientSampleId :
DA835DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.0	22.8	34.2#
229	46.5	17.0	25.6#

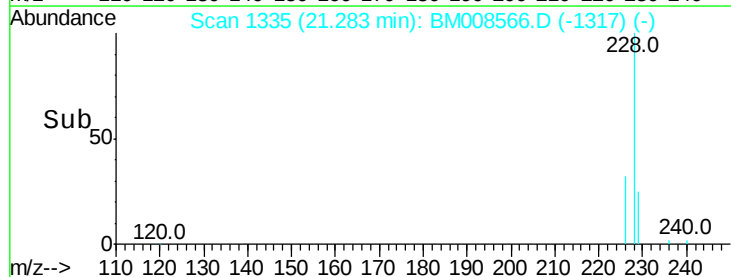
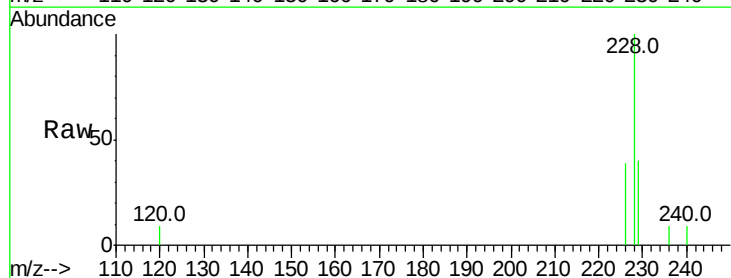
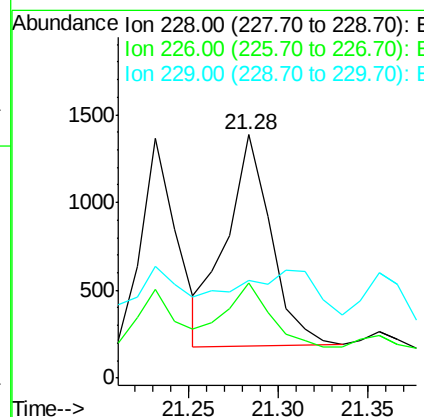
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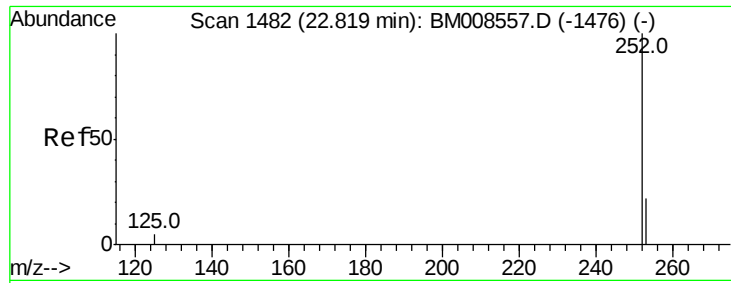
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#19
Chrysene
Concen: 0.37 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM008566.D
Acq: 22 Dec 2016 21:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.2	23.4	35.0#
229	39.9	17.7	26.5#





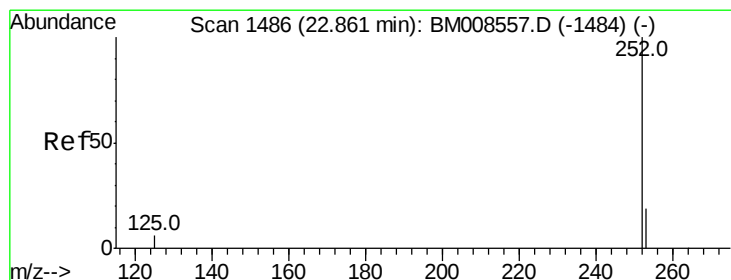
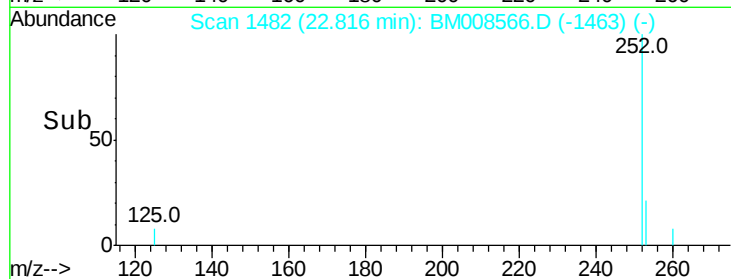
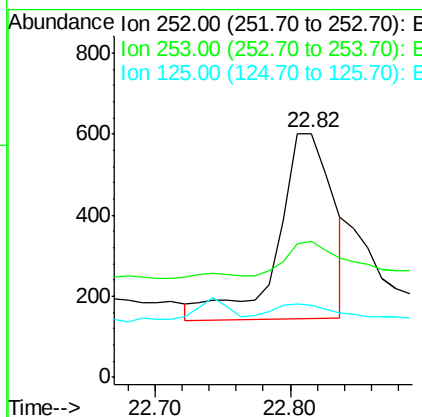
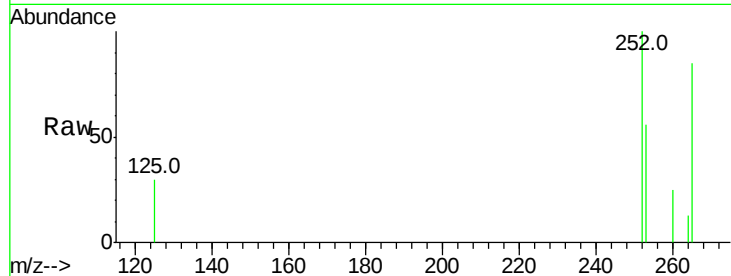
#21
Benzo(b)fluoranthene
Concen: 0.22 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BM008566.D
Acq: 22 Dec 2016 21:27

Instrument :
BNA_M
ClientSampleId :
DA835DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	1312		
253	56.1		0.0	64.2
125	29.6		0.0	35.0

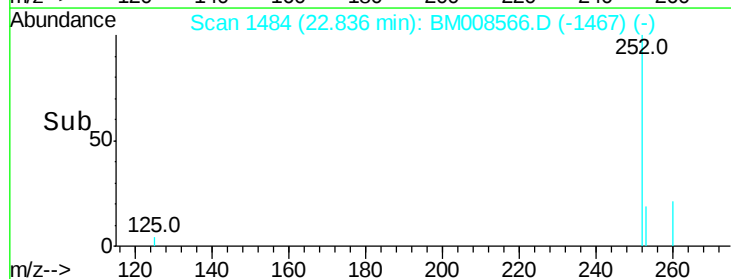
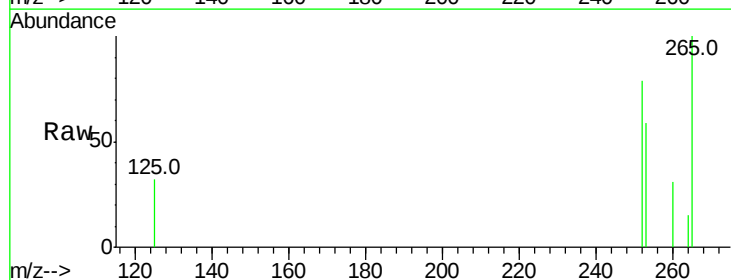
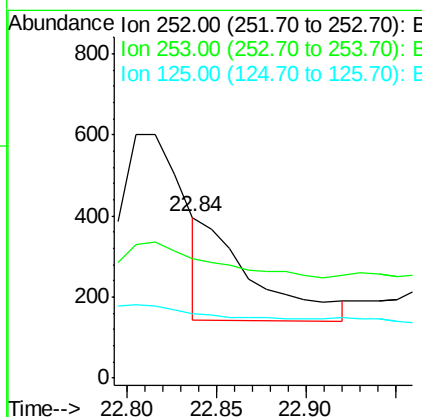
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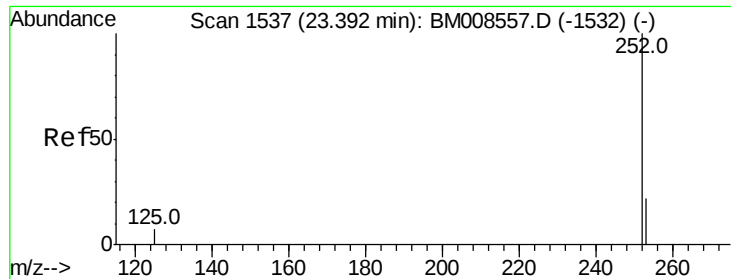
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#22
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BM008566.D
Acq: 22 Dec 2016 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	500		
253	74.5		24.5	36.7#
125	40.4		13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.17 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM008566.D

Acq: 22 Dec 2016 21:27

Instrument :

BNA_M

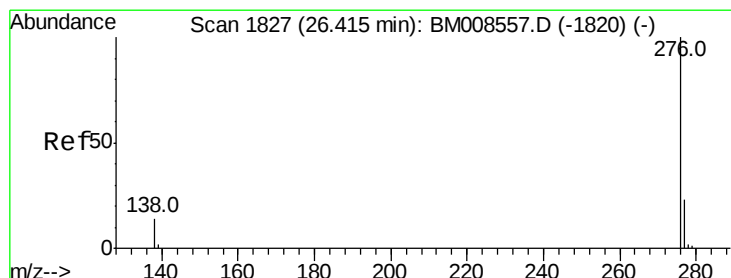
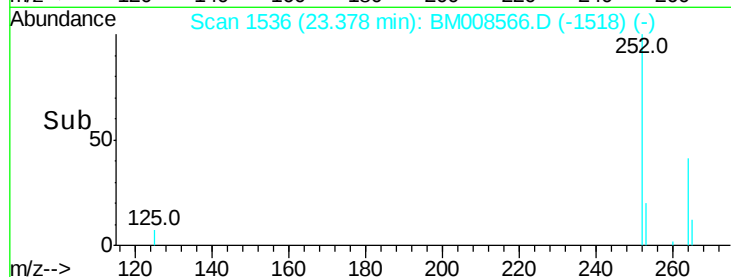
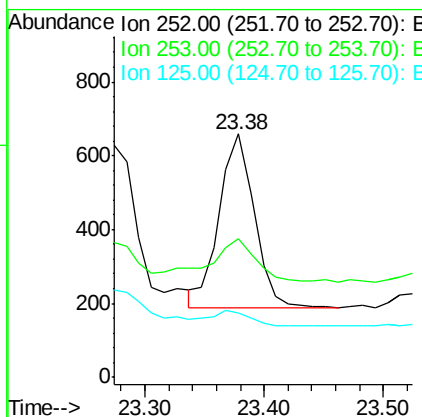
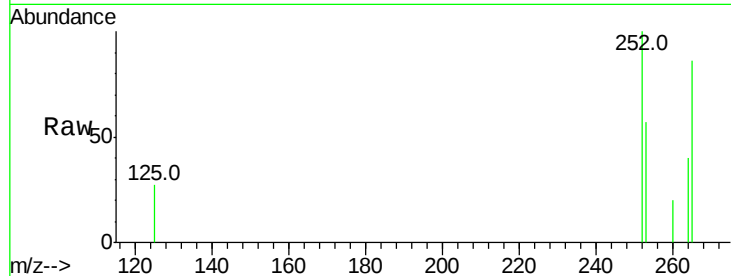
ClientSampleId :

DA835DL

Tot Ion:	252	Resp:	956
Ion Ratio	Lower	Upper	
252	100		
253	57.1	28.5	42.7#
125	26.6	18.1	27.1

Manual Integrations
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#26

Benzo(g,h,i)perylene

Concen: 0.09 ng/ul

RT: 26.40 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM008566.D

Acq: 22 Dec 2016 21:27

Tgt Ion:	276	Resp:	516
Ion Ratio	Lower	Upper	
276	100		
277	55.7	21.8	32.8#
138	46.5	20.5	30.7#

