

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005842.D
 Acq On : 16 Jun 2016 23:50
 Operator : UM/SJ
 Sample : H3537-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y42

Manual Integrations
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Quant Time: Jun 17 13:27:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 10:48:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	21894	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	109477	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	74865	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	180120	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	228350	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	239307	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.18	96	137m	0.81	ng/uL	0.00
3) Phenol-d5	6.92	99	23642	12.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	16147	16.99	ng/ul	0.00
5) 2-Chlorophenol-d4	7.26	132	24357	15.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	15332	9.36	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	13107	16.96	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	13990	14.82	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	28049	15.04	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	18923	14.99	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	100539	14.19	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	133165	16.32	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	1809	2.12	ng/ul	0.04
21) Fluorene-d10	15.37	176	97452	16.15	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	7821	6.43	ng/ul	0.00
26) Anthracene-d10	17.22	188	154708	16.45	ng/ul	0.00
30) Pyrene-d10	19.52	212	184456	17.04	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	196233	16.40	ng/ul	0.00

Target Compounds

						Qvalue
28) Fluoranthene	19.18	202	22598	1.68	ng/ul	99
31) Pyrene	19.54	202	22780	1.69	ng/ul	98
32) Benzo(a)anthracene	21.29	228	14874	1.04	ng/ul	96
33) Chrysene	21.34	228	16560	1.21	ng/ul	95
35) Benzo(b)fluoranthene	22.88	252	23076	1.55	ng/ul#	98
38) Benzo(a)pyrene	23.46	252	15716	1.07	ng/ul#	97

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

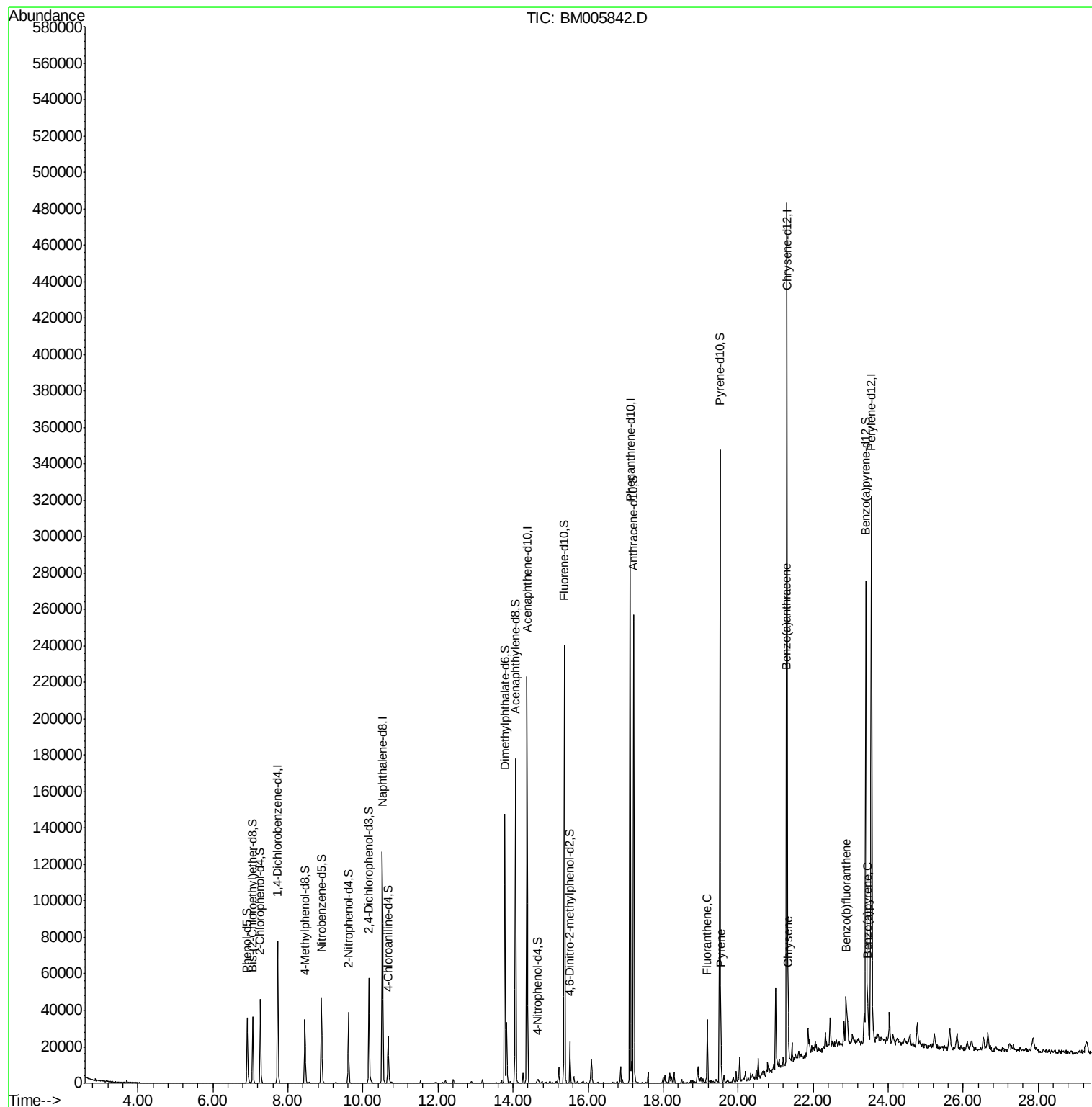
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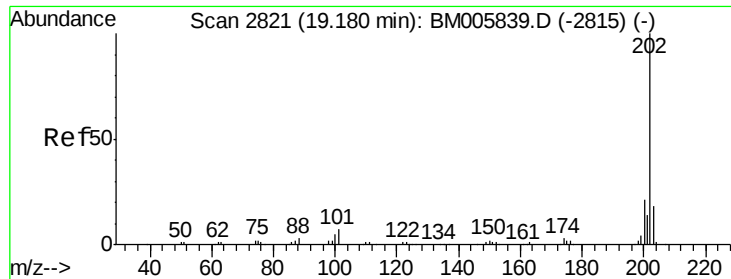
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Response via : Initial Calibration





#28

Fluoranthene

Concen: 1.68 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM005842.D

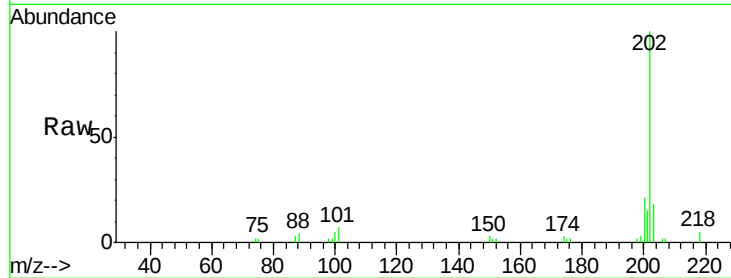
Acq: 16 Jun 2016 23:50

Instrument :

BNA_M

ClientSampleId :

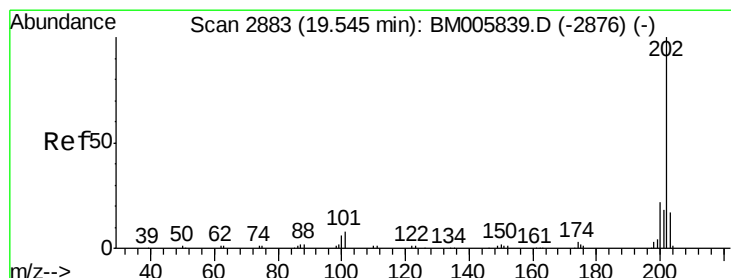
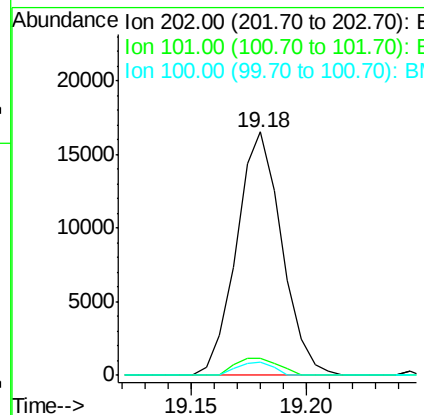
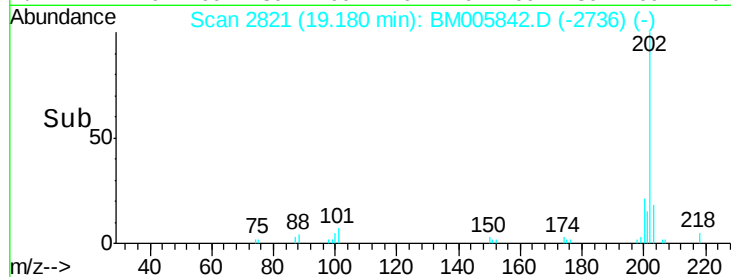
D9Y42



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	22598		
101	7.1	6.1	9.1	
100	5.3	4.2	6.2	

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#31

Pyrene

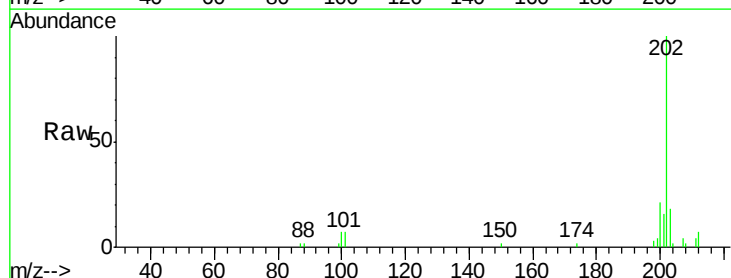
Concen: 1.69 ng/ul

RT: 19.54 min Scan# 2883

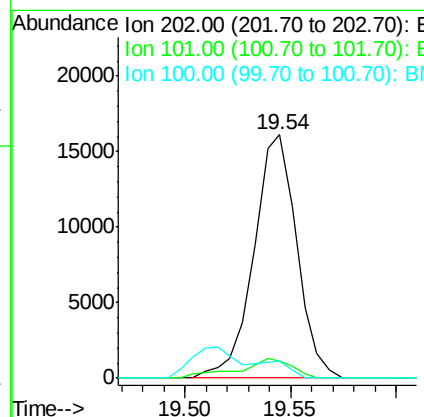
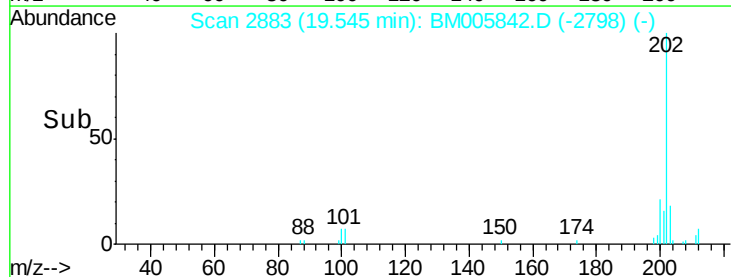
Delta R.T. 0.00 min

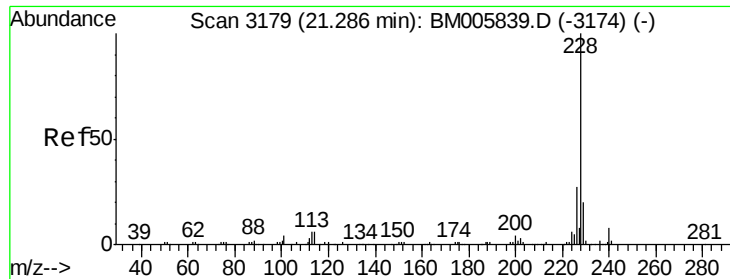
Lab File: BM005842.D

Acq: 16 Jun 2016 23:50



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	22780		
101	6.8	6.5	9.7	
100	7.0	5.4	8.2	





#32

Benzo(a)anthracene

Concen: 1.04 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

Instrument :

BNA_M

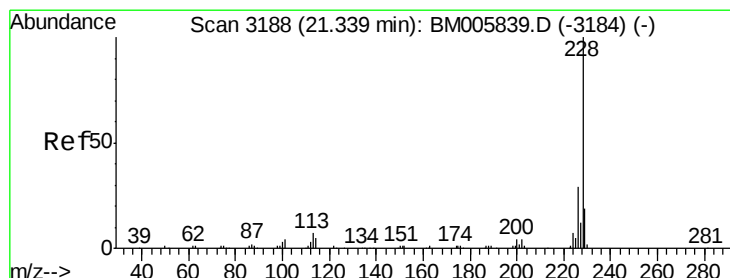
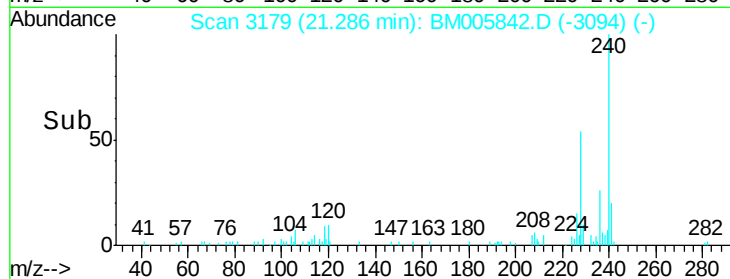
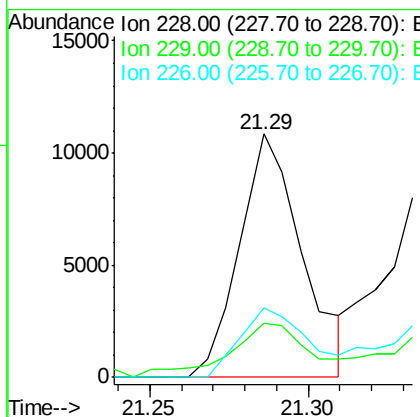
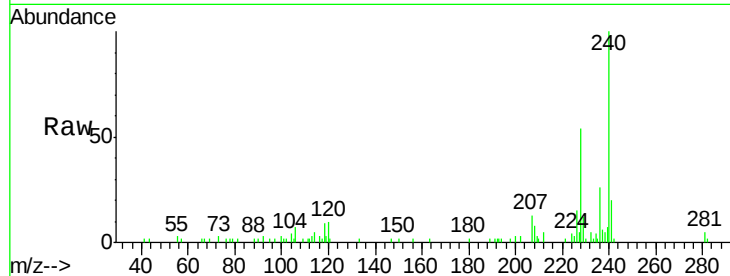
ClientSampleId :

D9Y42

Tgt Ion:	228	Resp:	14874
Ion Ratio	Lower	Upper	
228	100		
229	22.2	15.8	23.6
226	28.6	21.8	32.6

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#33

Chrysene

Concen: 1.21 ng/ul

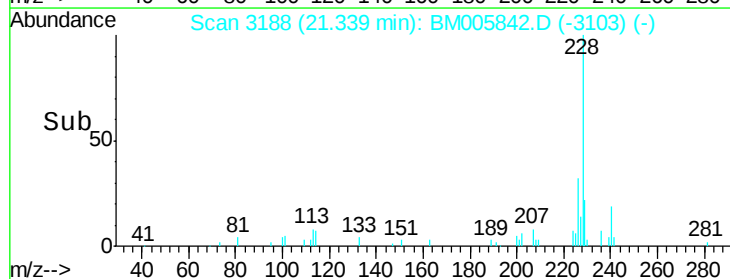
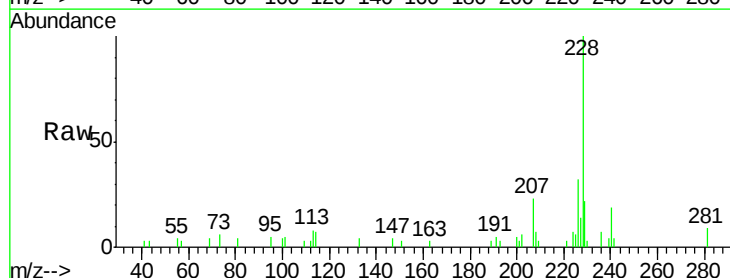
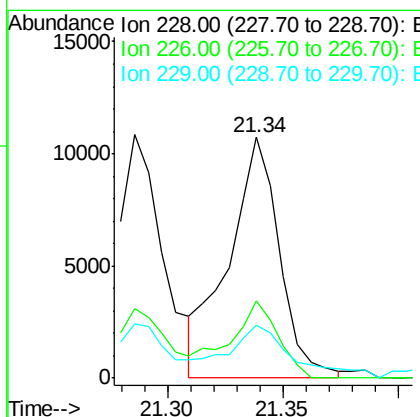
RT: 21.34 min Scan# 3188

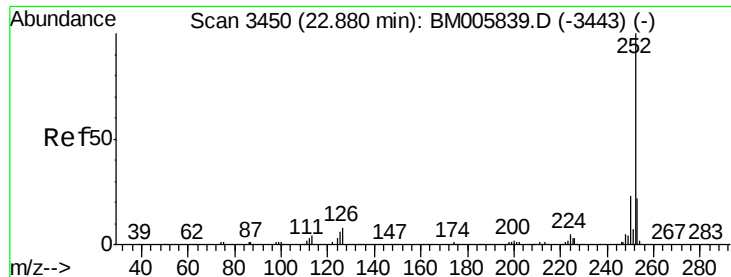
Delta R.T. 0.00 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

Tgt Ion:	228	Resp:	16560
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.5	35.3
229	22.0	15.4	23.0





#35

Benzo(b)fluoranthene

Concen: 1.55 ng/ul

RT: 22.88 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

Instrument :

BNA_M

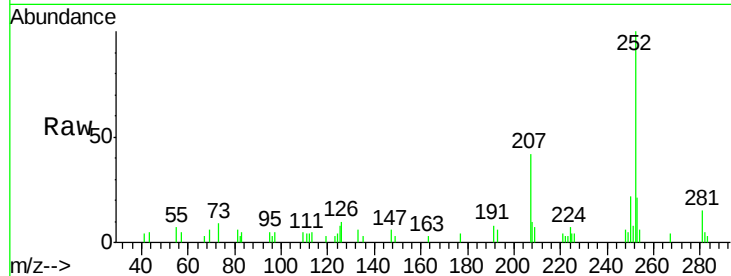
ClientSampled :

D9Y42

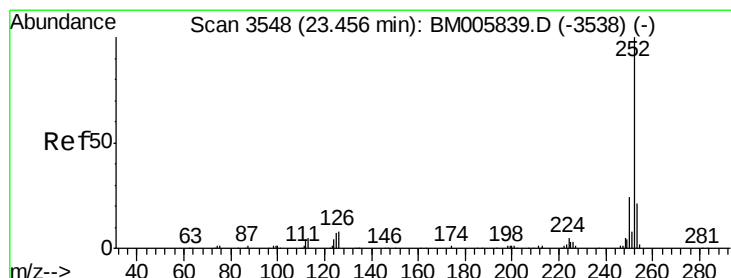
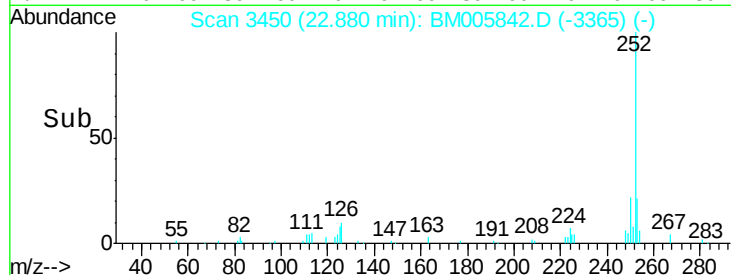
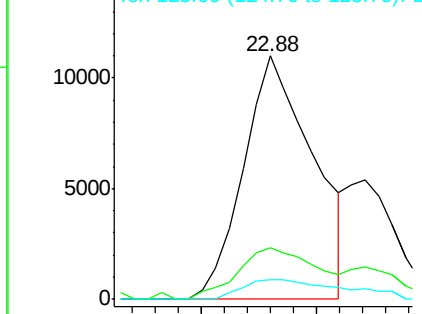
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	23076		
253	21.1	17.1	25.7	
125	8.3	4.9	7.3#	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 1.07 ng/ul

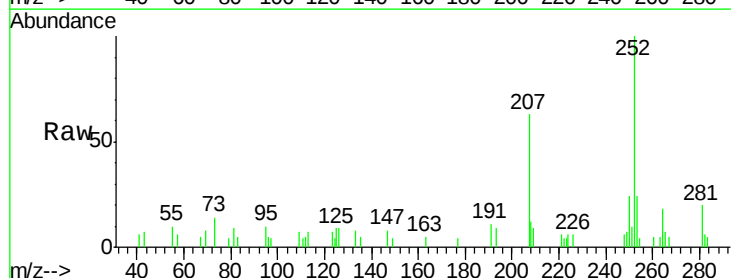
RT: 23.46 min Scan# 3548

Delta R.T. 0.00 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	15716		
253	23.7	18.0	27.0	
125	8.5	5.1	7.7#	



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

