

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
 Data File : BM005975.D
 Acq On : 24 Jun 2016 20:50
 Operator : UM/SJ
 Sample : H3612-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z25

Manual Integrations

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Quant Time: Jun 25 01:07:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 23:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	225474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	998081	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	526514	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1069527	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1084122	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	1119794	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	8526	1.51	ng/uL	0.00
5) Phenol-d5	6.83	99	351830	18.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	230258	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	272989	17.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	281692	18.52	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	130185	17.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	136593	17.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	266615	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	229965	14.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	807308	19.30	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1001883	19.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	108413	13.26	ng/ul	0.00
57) Fluorene-d10	15.30	176	697976	19.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	79191	14.86	ng/ul	0.00
70) Anthracene-d10	17.15	188	958155	19.67	ng/ul	0.00
76) Pyrene-d10	19.45	212	1034962	20.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	985789	19.54	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	6.81	77	4798	1.28 ng/ul	92
44) Dimethylphthalate	13.77	163	559890	13.26 ng/ul	100
74) Fluoranthene	19.12	202	114522	1.80 ng/ul	98
77) Pyrene	19.48	202	251274	3.79 ng/ul	98
80) Benzo(a)anthracene	21.23	228	80111	1.25 ng/ul#	91
82) Chrysene	21.26	228	152113	2.56 ng/ul	95
85) Benzo(b)fluoranthene	22.80	252	424269	6.24 ng/ul#	97
86) Benzo(k)fluoranthene	22.84	252	136469m	2.20 ng/ul	
88) Benzo(a)pyrene	23.36	252	143758	2.28 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.67	276	109556	1.55 ng/ul	97
91) Benzo(g,h,i)perylene	26.34	276	75865	1.25 ng/ul	97

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

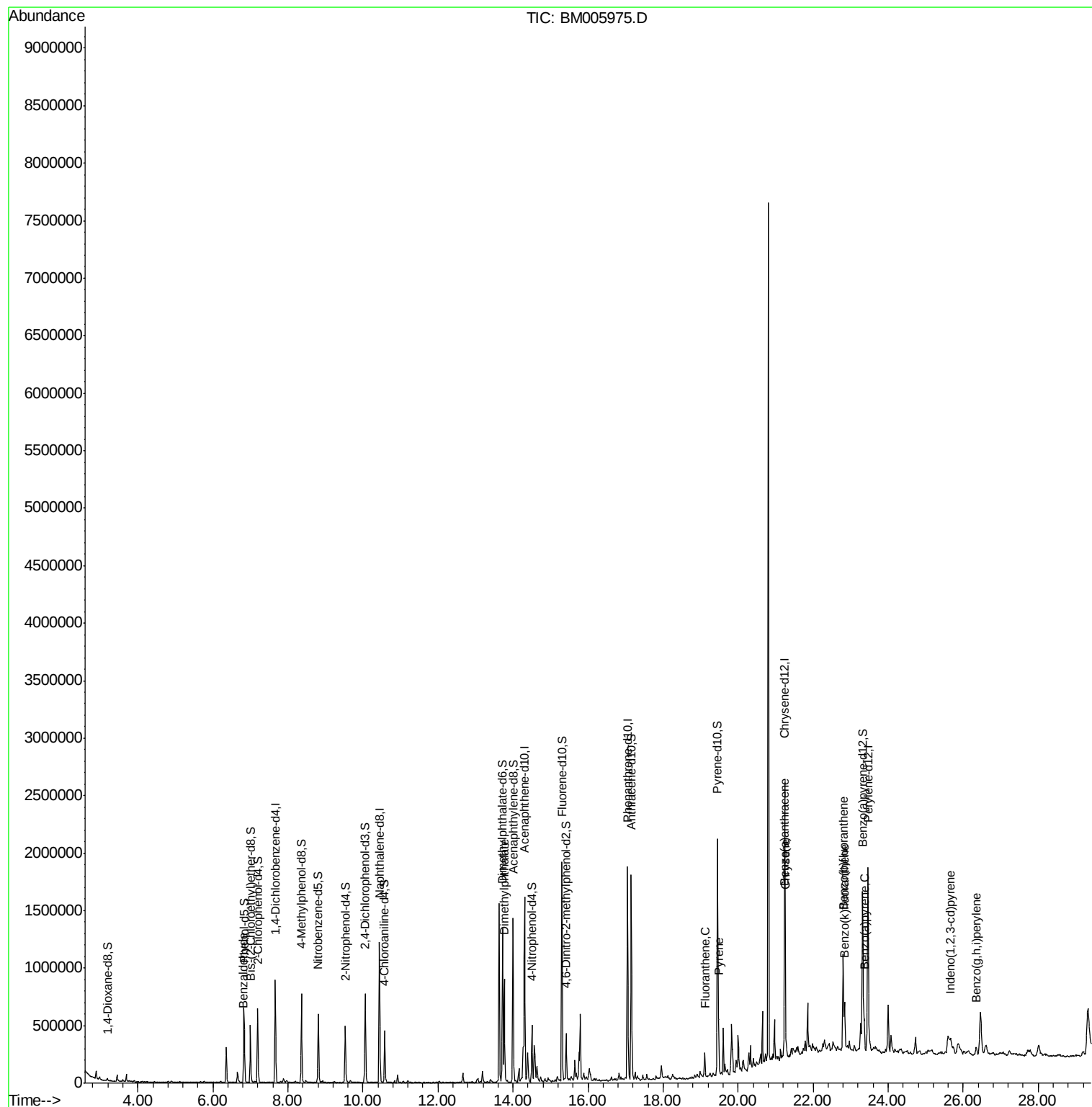
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062416\
Data File : BM005975.D
Acq On : 24 Jun 2016 20:50
Operator : UM/SJ
Sample : H3612-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

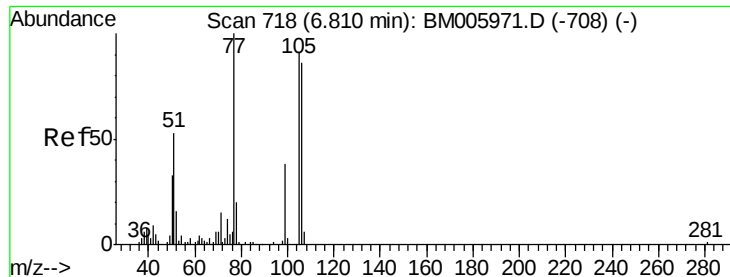
Instrument :
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ClientSampleId :
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Quant Time: Jun 25 01:07:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 23:55:23 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.28 ng/ul

RT: 6.81 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM005975.D

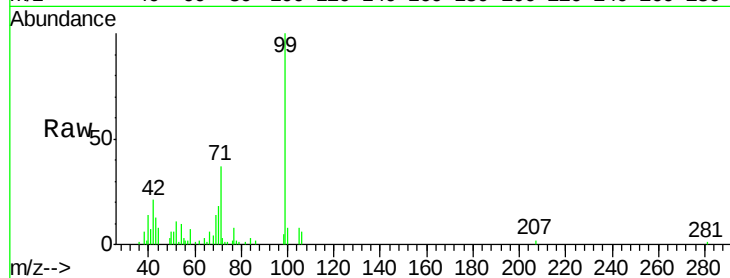
Acq: 24 Jun 2016 20:50

Instrument :

BNA_M

ClientSampleId :

D9Z25



Tgt Ion: 77 Resp: 4798

Ion Ratio Lower Upper

77 100

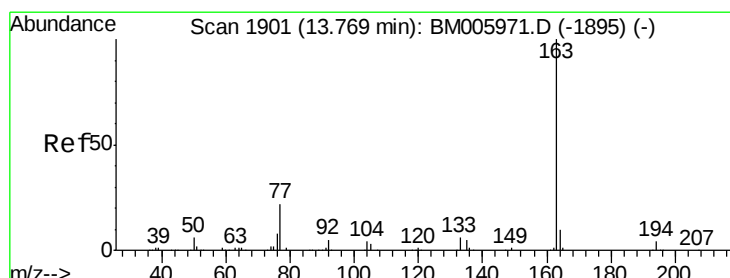
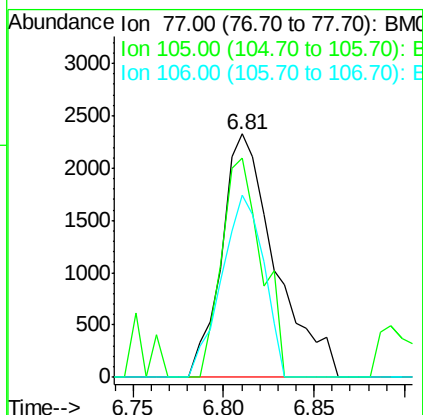
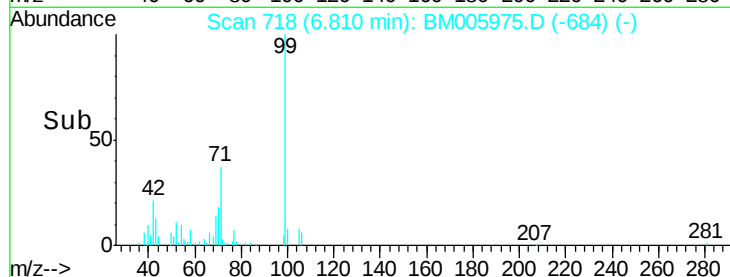
105 89.9 72.1 108.1

106 74.8 72.2 108.4

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#44

Dimethylphthalate

Concen: 13.26 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BM005975.D

Acq: 24 Jun 2016 20:50

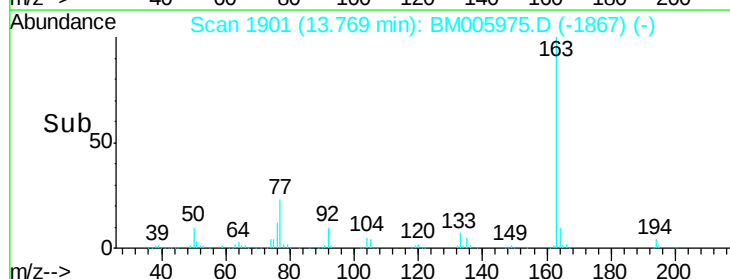
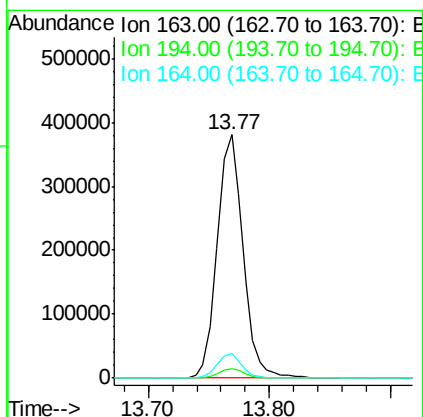
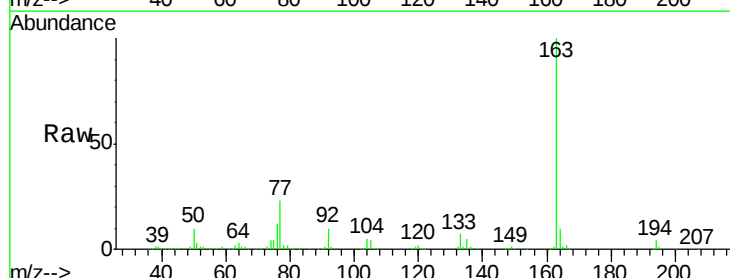
Tgt Ion: 163 Resp: 559890

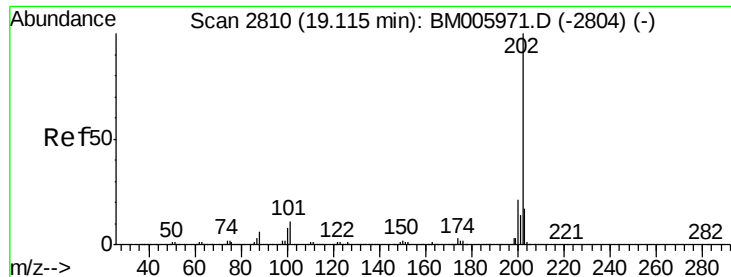
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 7.9 11.9





#74

Fluoranthene

Concen: 1.80 ng/ul

RT: 19.12 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BM005975.D

Acq: 24 Jun 2016 20:50

Instrument :

BNA_M

ClientSampleId :

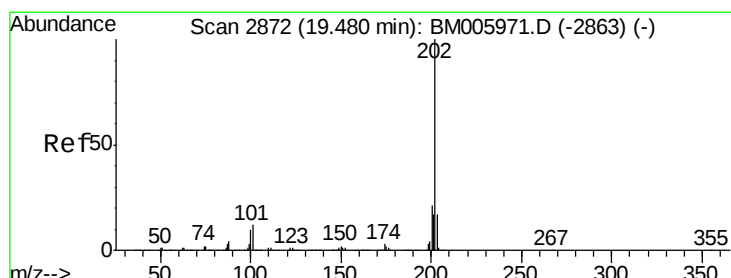
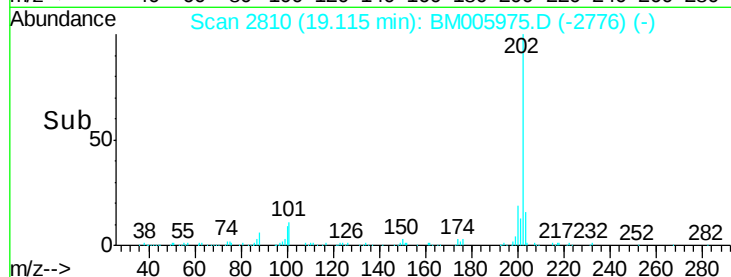
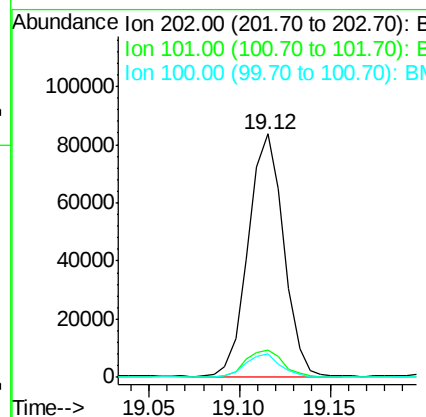
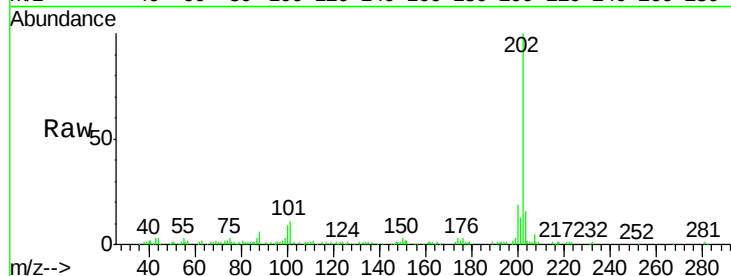
D9Z25

Tgt	Ion	202	Resp	114522
Ion	Ratio	Lower	Upper	
202	100			
101	11.3	9.2	13.8	
100	9.4	6.6	9.8	

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#77

Pyrene

Concen: 3.79 ng/ul

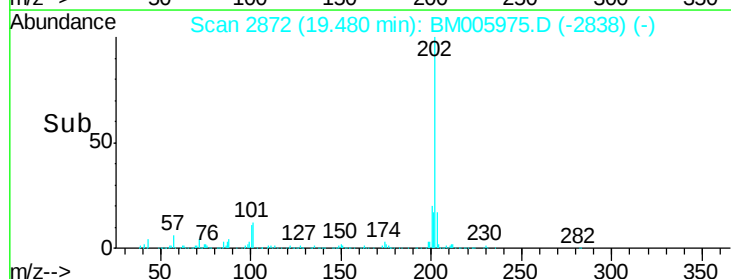
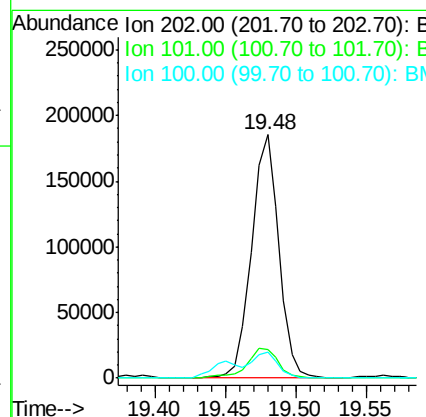
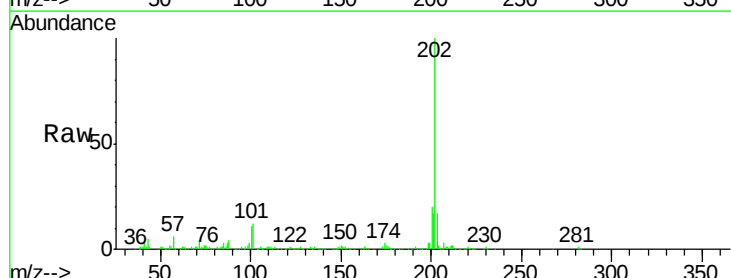
RT: 19.48 min Scan# 2872

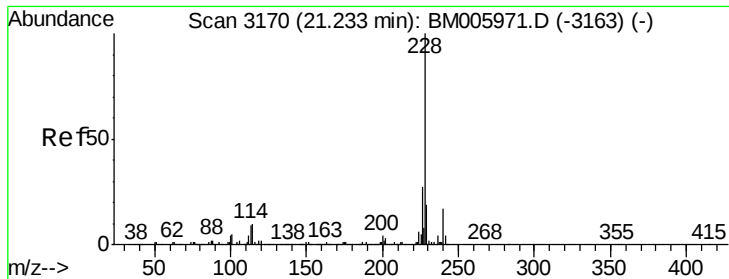
Delta R.T. 0.00 min

Lab File: BM005975.D

Acq: 24 Jun 2016 20:50

Tgt	Ion	202	Resp	251274
Ion	Ratio	Lower	Upper	
202	100			
101	11.9	10.2	15.2	
100	10.7	8.2	12.4	





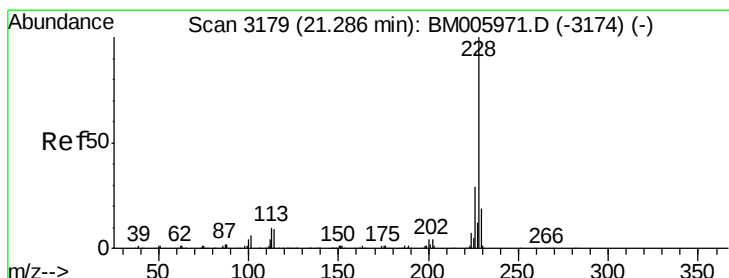
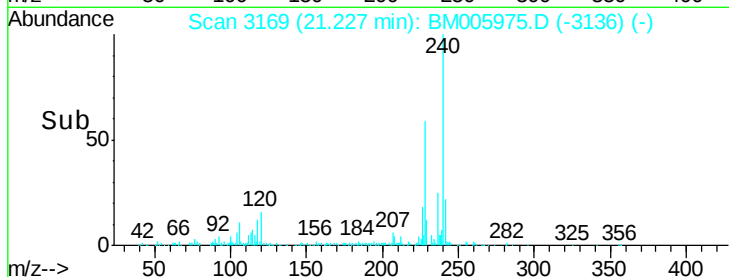
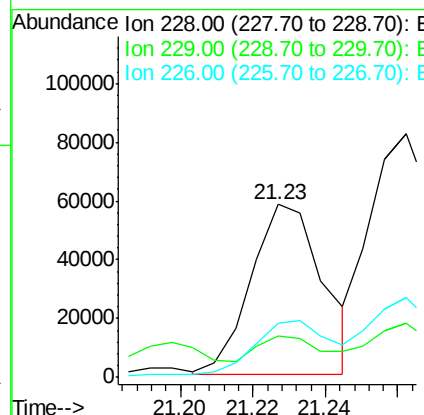
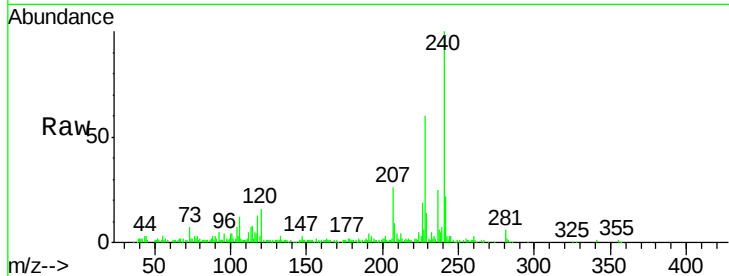
#80
Benzo(a)anthracene
Concen: 1.25 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM005975.D
Acq: 24 Jun 2016 20:50

Instrument :
BNA_M
ClientSampled :
D9Z25

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.8	23.8
226	31.6	21.6	32.4

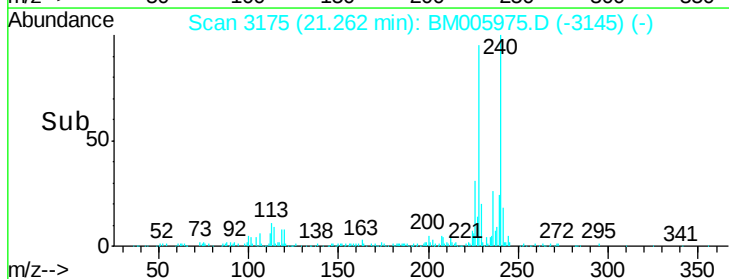
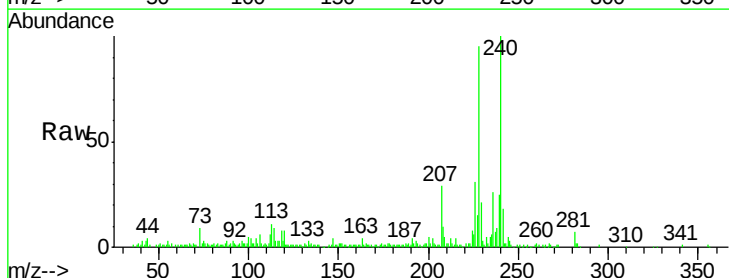
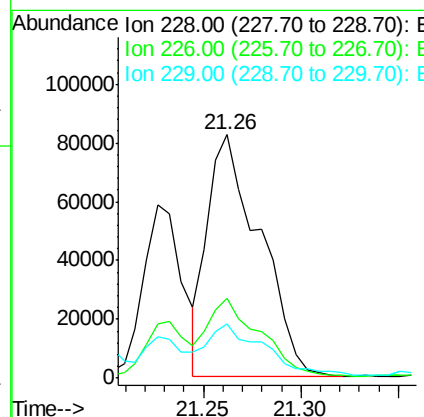
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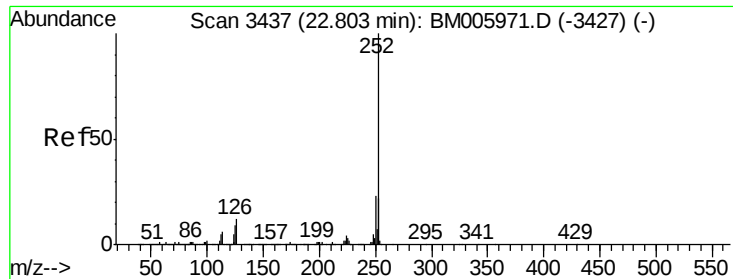
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#82
Chrysene
Concen: 2.56 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. -0.02 min
Lab File: BM005975.D
Acq: 24 Jun 2016 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.2	36.2
229	22.1	15.8	23.6





#85

Benzo(b)fluoranthene

Concen: 6.24 ng/ul

RT: 22.80 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM005975.D

Acq: 24 Jun 2016 20:50

Instrument :

BNA_M

ClientSampleId :

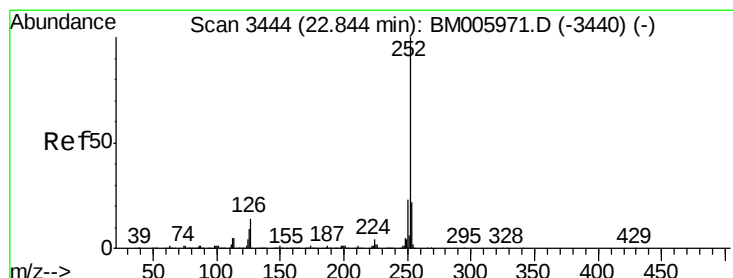
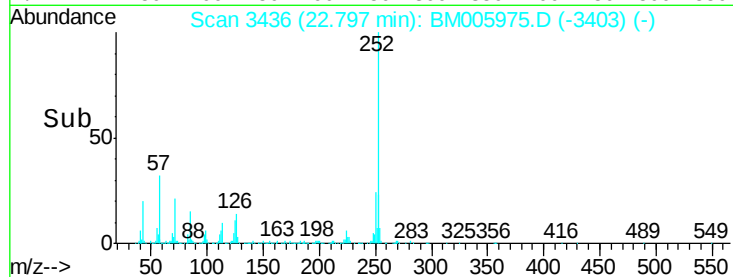
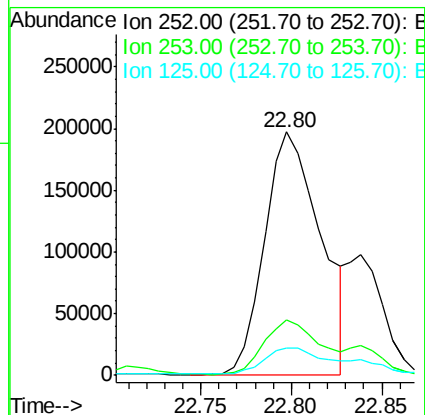
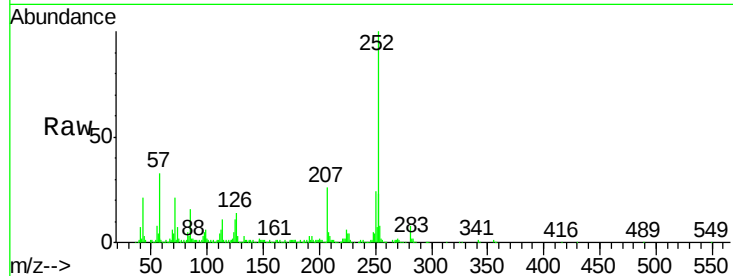
D9Z25

Tgt Ion:	252	Resp:	424269
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.7	26.5
125	11.3	7.4	11.2#

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#86

Benzo(k)fluoranthene

Concen: 2.20 ng/ul m

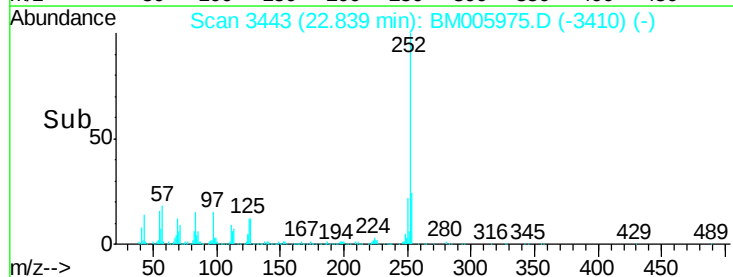
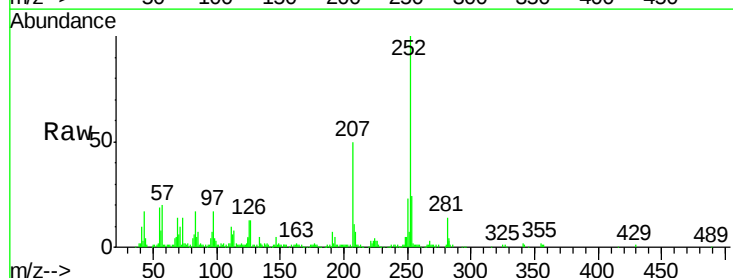
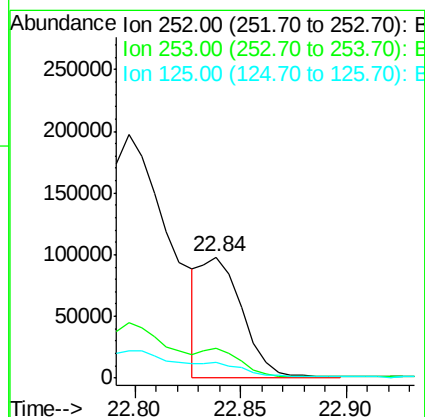
RT: 22.84 min Scan# 3443

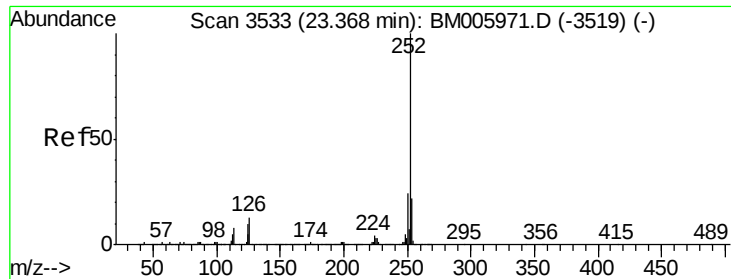
Delta R.T. -0.01 min

Lab File: BM005975.D

Acq: 24 Jun 2016 20:50

Tgt Ion:	252	Resp:	136469
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.6	26.4
125	13.1	7.4	11.0#





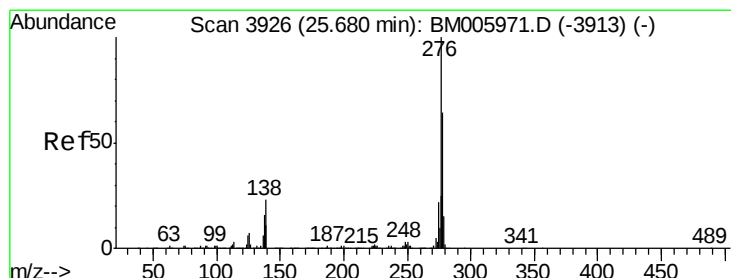
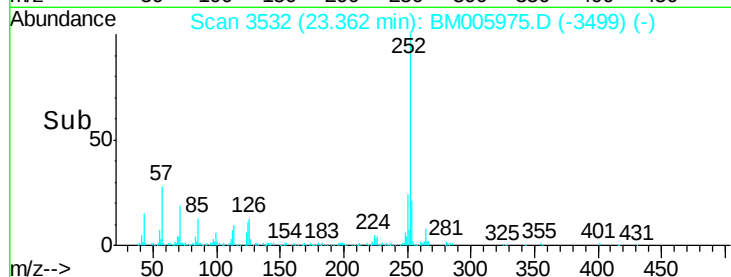
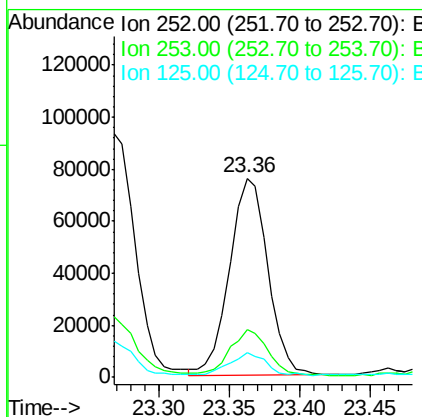
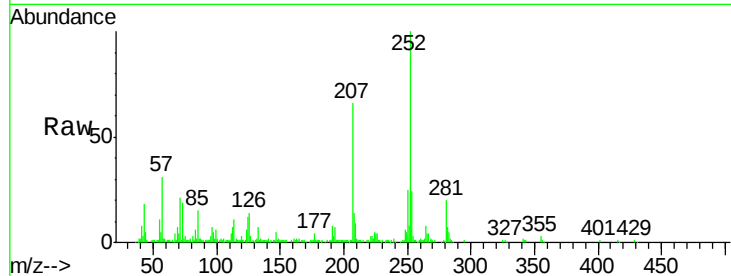
#88
Benzo(a)pyrene
Concen: 2.28 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM005975.D
Acq: 24 Jun 2016 20:50

Instrument :
BNA_M
ClientSampleId :
D9Z25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	12.1	8.5	12.7

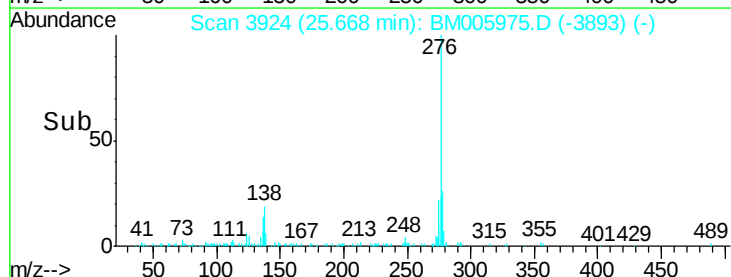
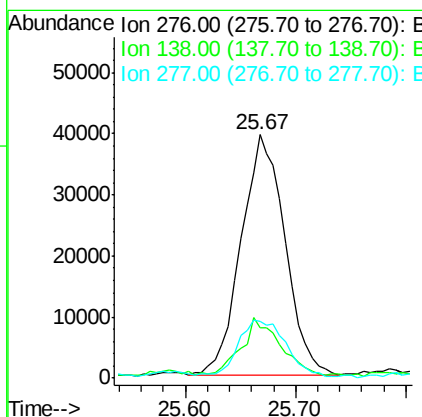
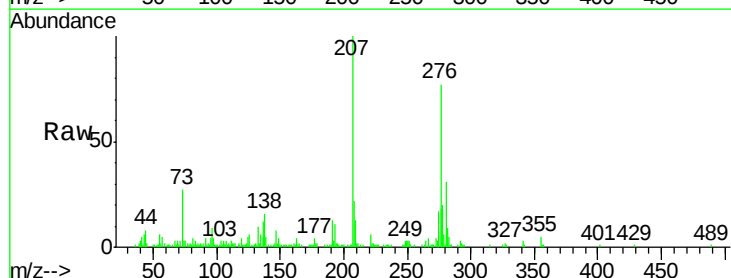
Manual Integrations

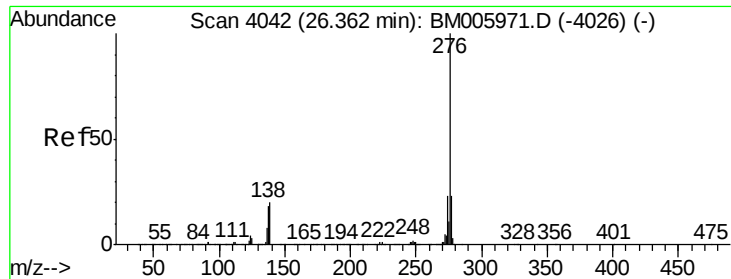
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.55 ng/ul
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM005975.D
Acq: 24 Jun 2016 20:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	18.1	27.1
277	23.5	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 1.25 ng/ul
 RT: 26.34 min Scan# 4039
 Delta R.T. -0.02 min
 Lab File: BM005975.D
 Acq: 24 Jun 2016 20:50

Instrument :
 BNA_M
 ClientSampleId :
 D9Z25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.2	25.8
277	21.5	18.7	28.1

Manual Integrations

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