

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
 Data File : BM011908.D
 Acq On : 05 Oct 2017 01:55
 Operator : SJ/JU
 Sample : I5406-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BH6

Manual Integrations
 APPROVED

Sohil
 10/5/2017 6:18:05 PM

Quant Time: Oct 05 07:49:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 07:08:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	344070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1563810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	945404	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2108667	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1691564	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1487320	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	31888	4.38	ng/uL	0.00
5) Phenol-d5	7.03	99	714790	24.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	448035	25.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	635080	26.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	611758	23.91	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	317365	28.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	360719	28.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	675288	26.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	575695	20.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2247799	27.43	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	2659837	27.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	243216	16.99	ng/ul	0.00
57) Fluorene-d10	15.51	176	1943254	26.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	197559	13.92	ng/ul	0.00
70) Anthracene-d10	17.36	188	2921904	28.12	ng/ul	0.00
76) Pyrene-d10	19.65	212	2908506	38.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1892320	26.45	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.06	94	52768	1.801	ng/ul	90
44) Dimethylphthalate	13.97	163	712308	9.036	ng/ul	99
74) Fluoranthene	19.32	202	177538	1.254	ng/ul#	84
77) Pyrene	19.68	202	179954	1.919	ng/ul#	89
82) Chrysene	21.47	228	98622	1.071	ng/ul	93
85) Benzo(b)fluoranthene	23.06	252	114875	1.271	ng/ul#	82
91) Benzo(a,h,i)perylene	26.87	276	107529	1.398	ng/ul#	87

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

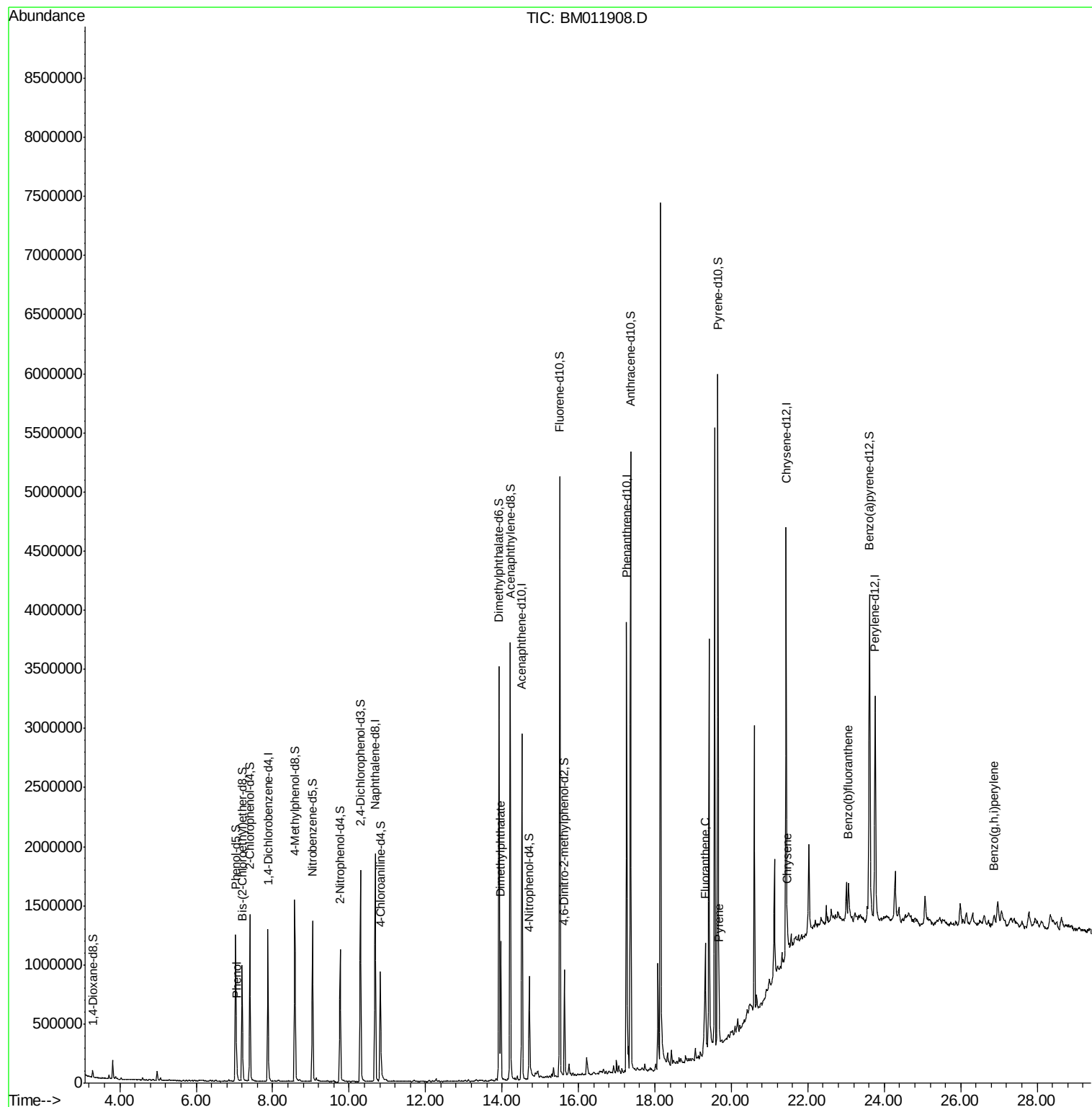
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
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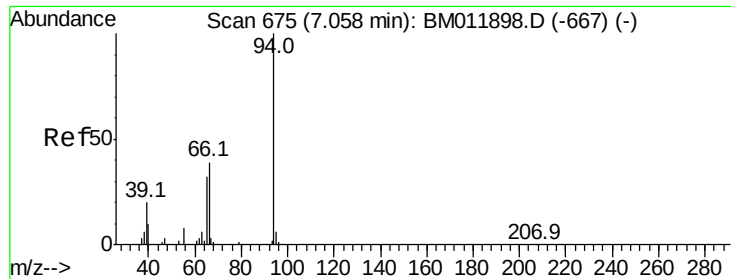
Instrument :
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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 1.801 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM011908.D

Acq: 05 Oct 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B0BH6

Tot Ion: 94 Resp: 52768

Ion Ratio Lower Upper

94 100

65 32.1 28.2 42.4

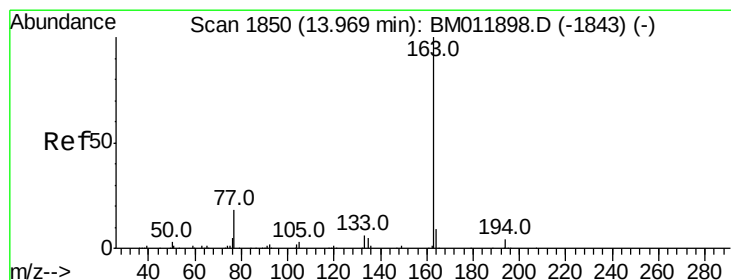
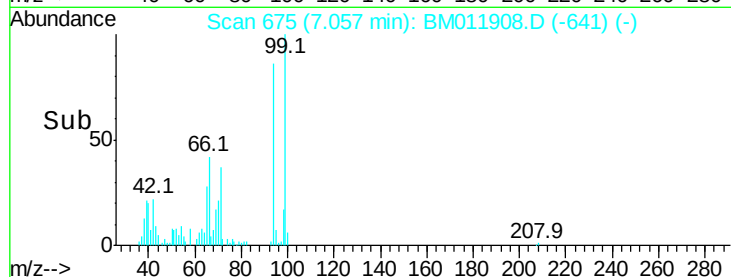
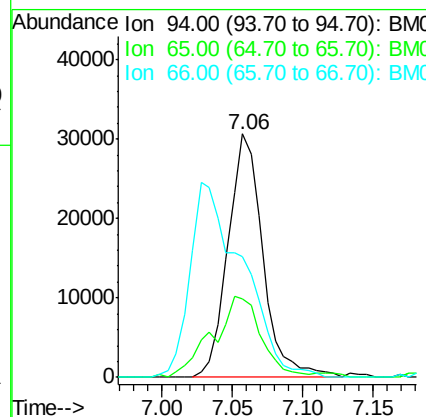
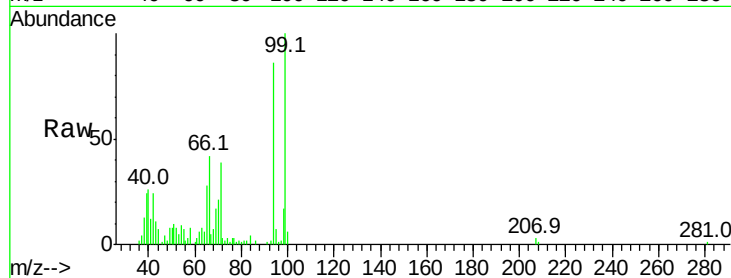
66 49.4 47.2 70.8

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#44

Dimethylphthalate

Concen: 9.036 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM011908.D

Acq: 05 Oct 2017 01:55

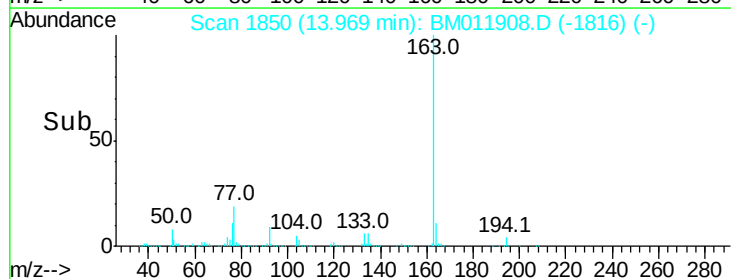
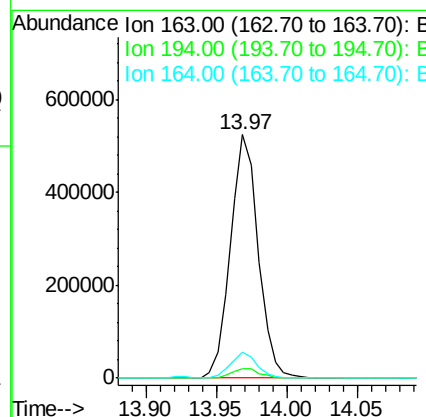
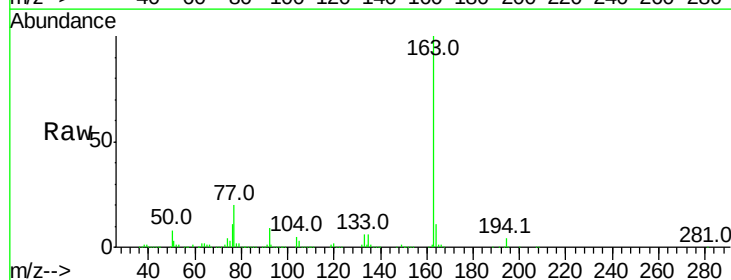
Tgt Ion:163 Resp: 712308

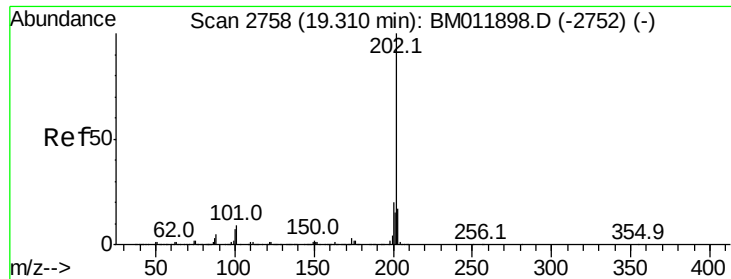
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 10.6 8.2 12.4





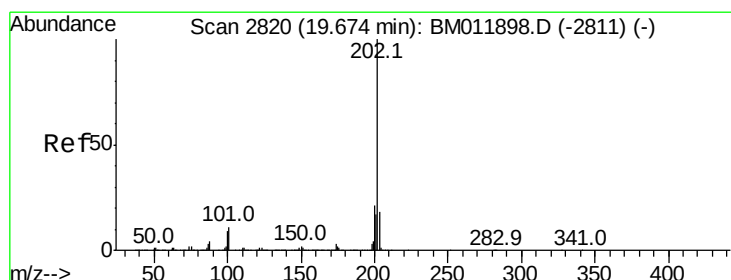
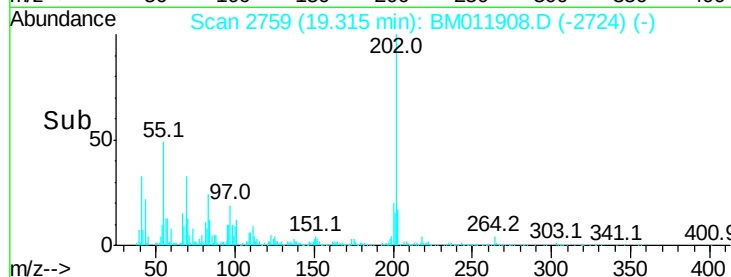
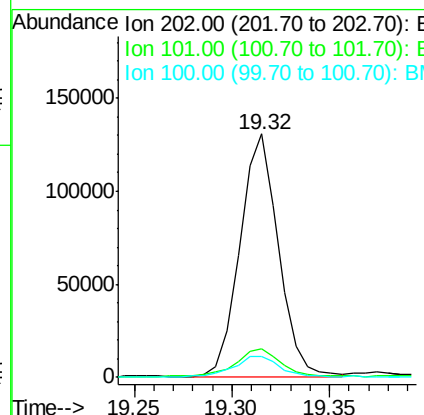
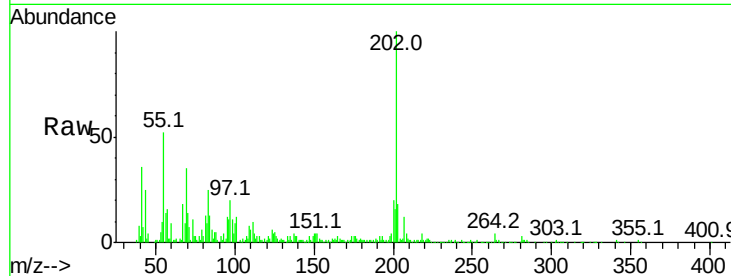
#74
 Fluoranthene
 Concen: 1.254 ng/ul
 RT: 19.32 min Scan# 2759
 Delta R.T. 0.01 min
 Lab File: BM011908.D
 Acq: 05 Oct 2017 01:55

Instrument :
 BNA_M
 ClientSampleId :
 B0BH6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	4.6	7.0#
100	8.8	3.4	5.2#

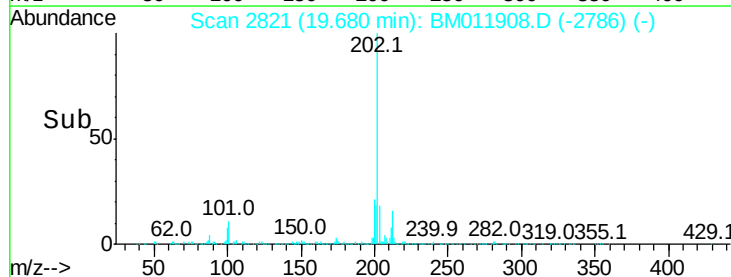
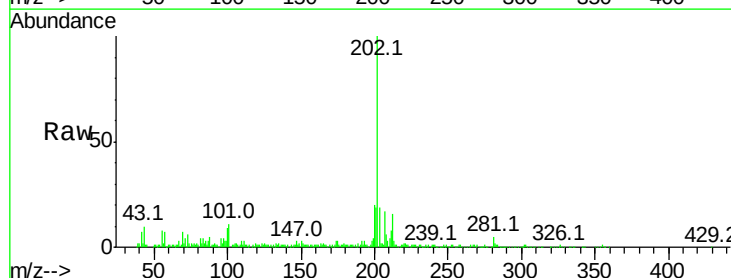
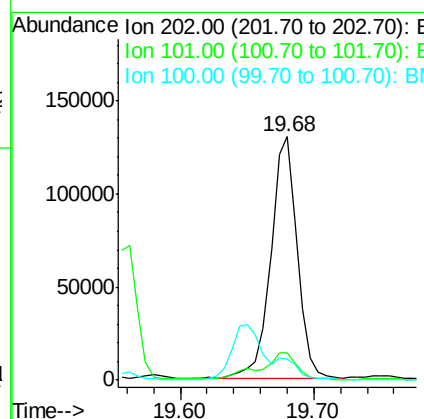
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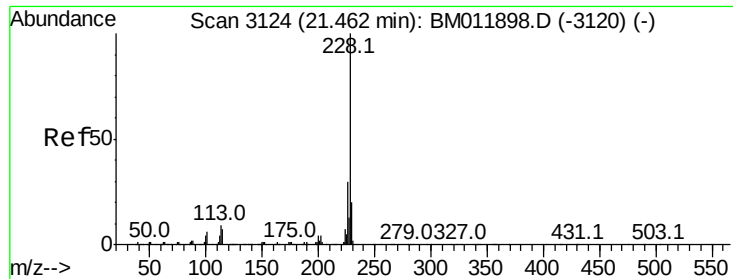
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#77
 Pyrene
 Concen: 1.919 ng/ul
 RT: 19.68 min Scan# 2821
 Delta R.T. 0.01 min
 Lab File: BM011908.D
 Acq: 05 Oct 2017 01:55

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	5.1	7.7#
100	8.7	4.9	7.3#





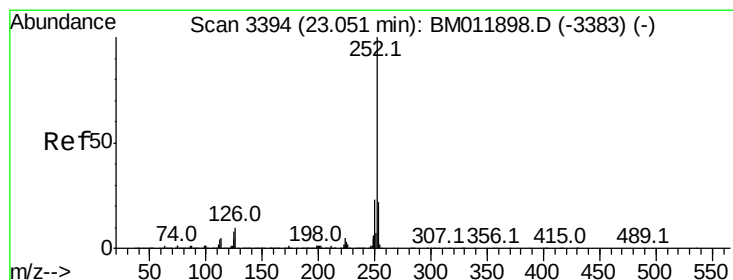
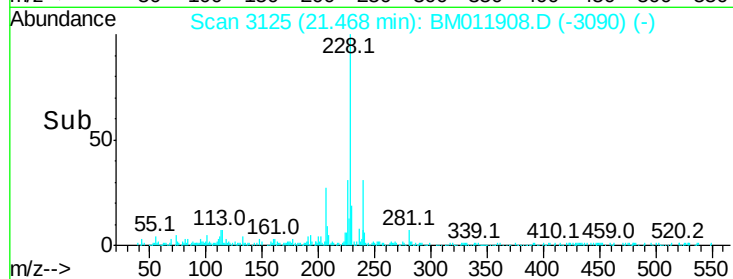
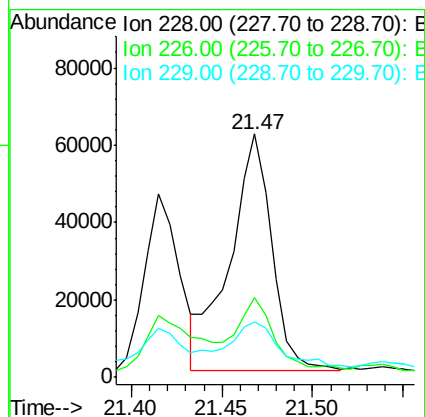
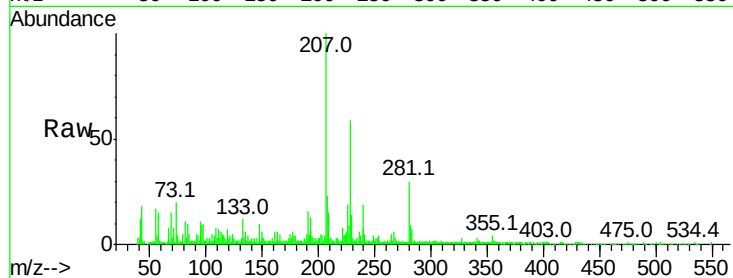
#82
Chrysene
Concen: 1.071 ng/ul
RT: 21.47 min Scan# 3125
Delta R.T. 0.01 min
Lab File: BM011908.D
Acq: 05 Oct 2017 01:55

Instrument :
BNA_M
ClientSampleId :
B0BH6

Tot Ion:	228	Resp:	98622
Ion Ratio	Lower	Upper	
228	100		
226	32.6	23.4	35.2
229	22.9	15.5	23.3

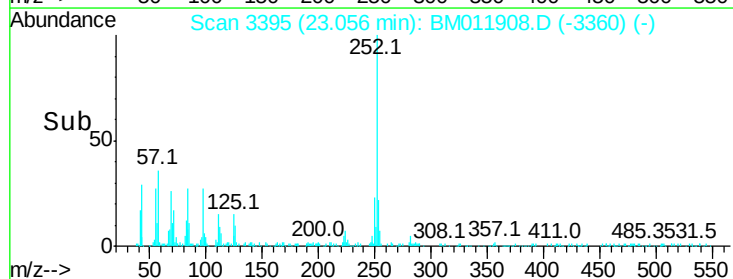
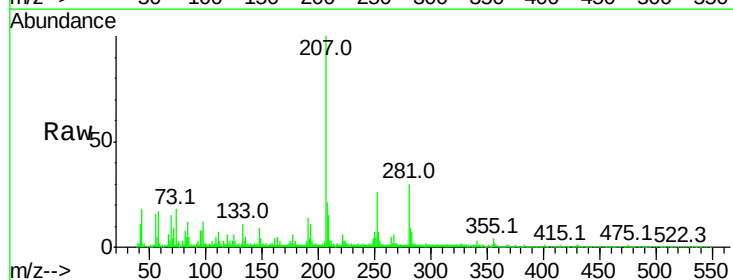
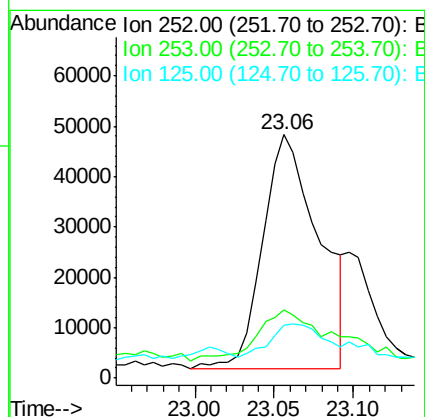
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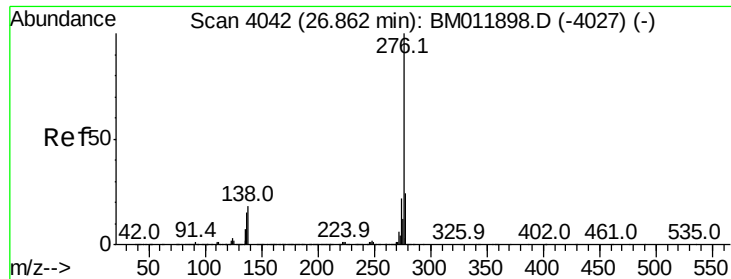
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#85
Benzo(b)fluoranthene
Concen: 1.271 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BM011908.D
Acq: 05 Oct 2017 01:55

Tgt Ion:	252	Resp:	114875
Ion Ratio	Lower	Upper	
252	100		
253	28.0	17.9	26.9#
125	21.8	3.6	5.4#





#91
 Benzo(a,h,i)perylene
 Concen: 1.398 ng/ul
 RT: 26.87 min Scan# 4044
 Delta R.T. 0.01 min
 Lab File: BM011908.D
 Acq: 05 Oct 2017 01:55

Instrument :
 BNA_M
 ClientSampleId :
 B0BH6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	8.5	12.7#
277	27.4	18.6	28.0

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