

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012455.D
 Acq On : 25 Oct 2017 21:47
 Operator : SJ/JU
 Sample : I5719-10 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-25(5-5.5)-100517

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:09 AM

Quant Time: Oct 26 12:19:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	553525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	2192843	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1344327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2878476	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2280268	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2358574	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	17299	1.60	ng/uL	0.00
5) Phenol-d5	7.05	99	370833	8.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	790288	28.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	271085	7.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	164578	4.16	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	137496	10.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	153285	10.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	278444	7.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	1034946	26.19	ng/ul	-0.02
43) Dimethylphthalate-d6	13.92	166	995438	8.48	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1185924	8.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	80348	4.60	ng/ul	0.00
57) Fluorene-d10	15.50	176	837516	8.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	43201	3.10	ng/ul	0.00
70) Anthracene-d10	17.35	188	1187713	8.66	ng/ul	0.00
76) Pyrene-d10	19.64	212	1114103	10.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	951712	8.49	ng/ul	0.00

Target Compounds

				Ovalue	
44) Dimethylphthalate	13.96	163	490033m	4.218	ng/ul
69) Phenanthrene	17.29	178	237577	1.526	ng/ul 97
74) Fluoranthene	19.30	202	380713	2.158	ng/ul# 94
77) Pyrene	19.67	202	370900	2.860	ng/ul# 98
80) Benzo(a)anthracene	21.40	228	163297	1.196	ng/ul# 86
82) Chrysene	21.46	228	186357	1.535	ng/ul# 83
85) Benzo(b)fluoranthene	23.03	252	246511	1.691	ng/ul# 77

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

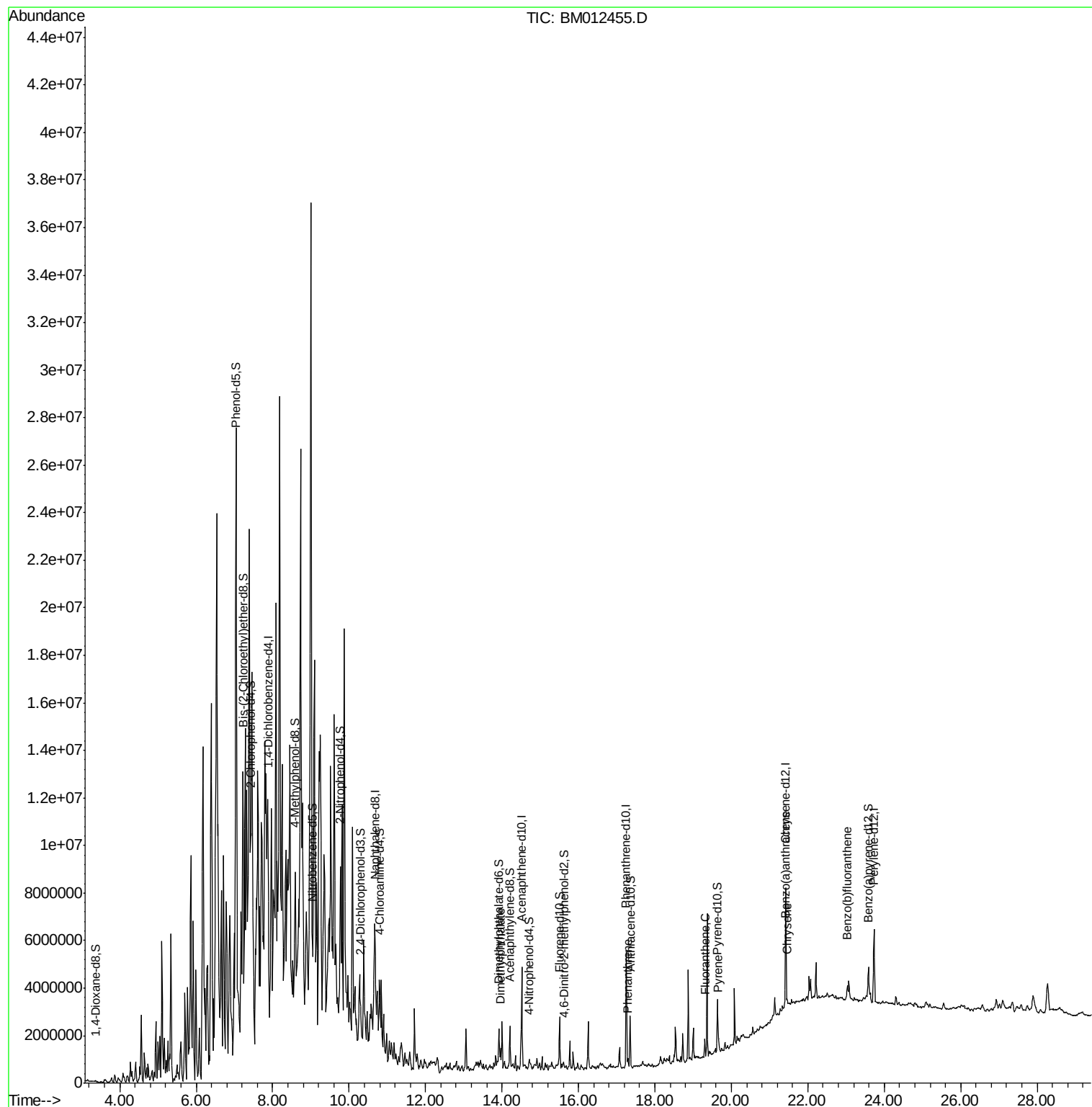
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
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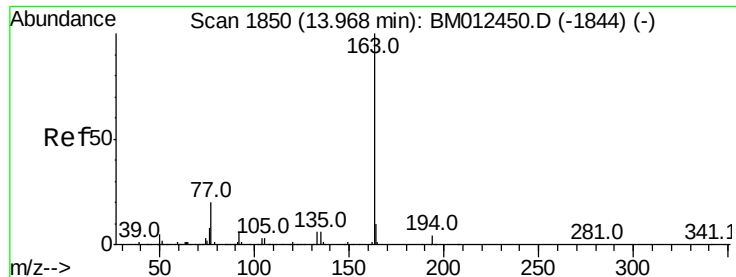
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





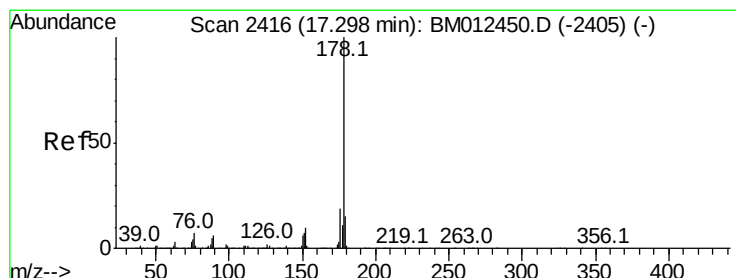
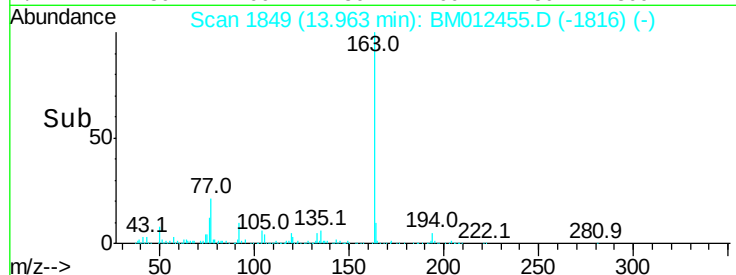
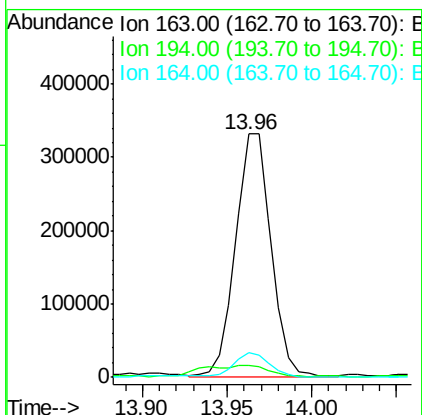
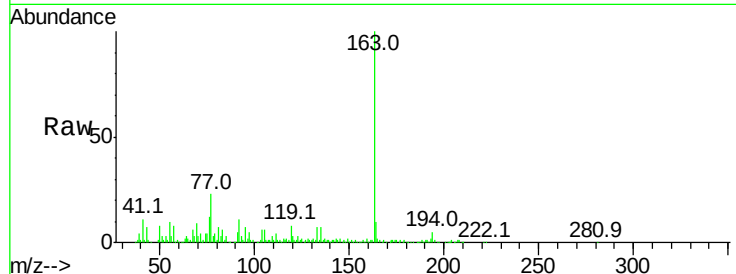
#44
Dimethylphthalate
Concen: 4.218 ng/ul m
RT: 13.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM012455.D
Acq: 25 Oct 2017 21:47

Instrument :
BNA_M
ClientSampleId :
B-25(5-5.5)-100517

Tot Ion	Ratio	Resp	Lower	Upper
163	100	490033		
194	5.1		3.5	5.3
164	10.3		8.2	12.4

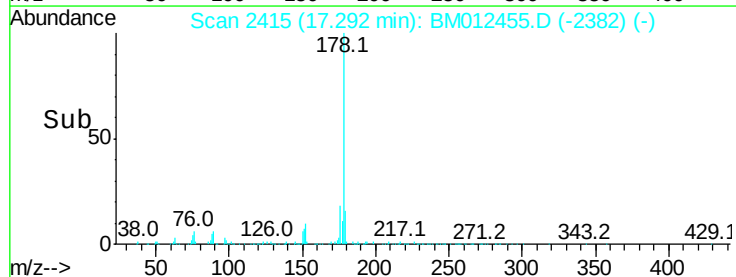
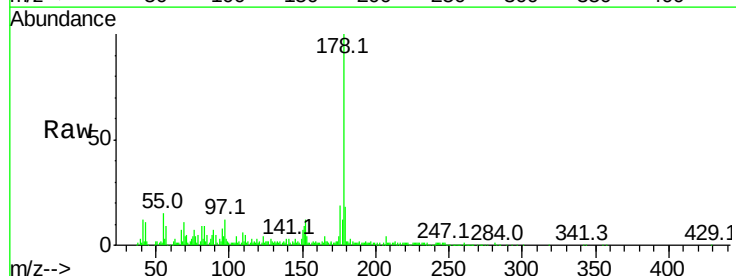
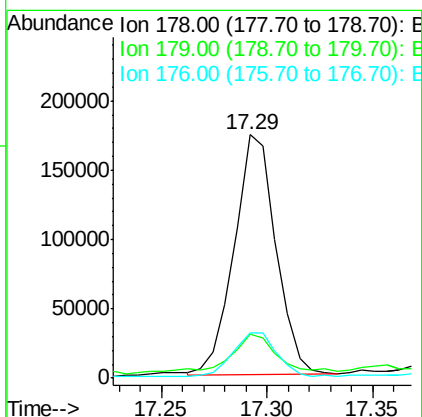
Manual Integrations
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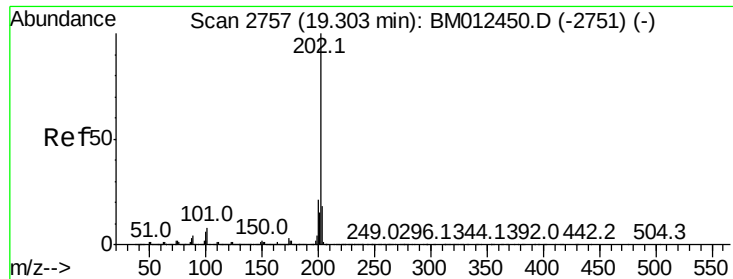
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#69
Phenanthrene
Concen: 1.526 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM012455.D
Acq: 25 Oct 2017 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	237577		
179	18.1		12.6	19.0
176	18.7		14.9	22.3





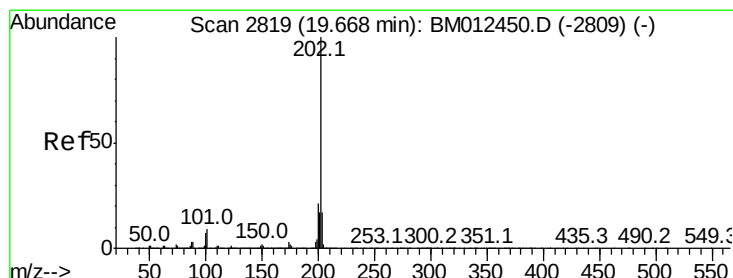
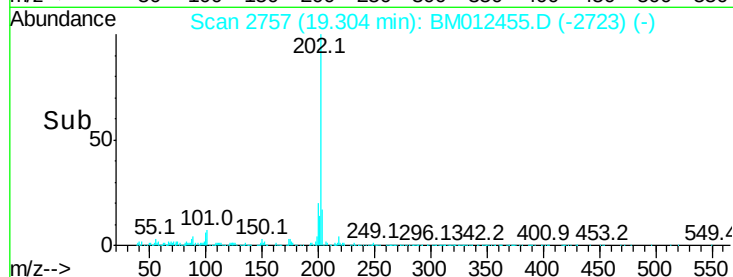
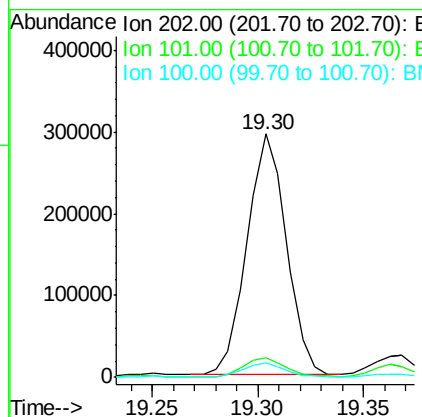
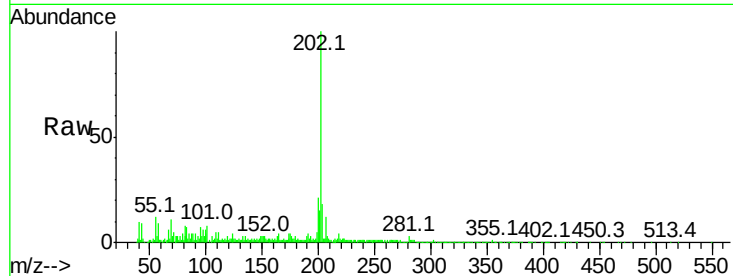
#74
 Fluoranthene
 Concen: 2.158 ng/ul
 RT: 19.30 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: BM012455.D
 Acq: 25 Oct 2017 21:47

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.9		4.6	7.0#	
100	6.0		3.4	5.2#	

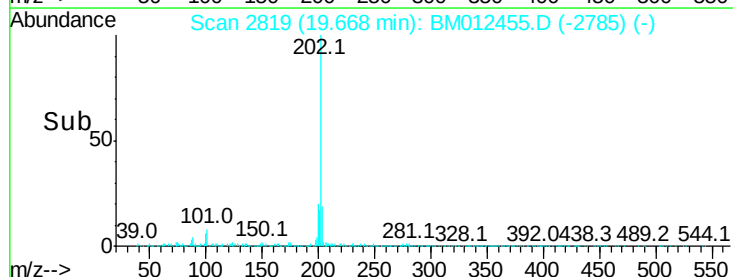
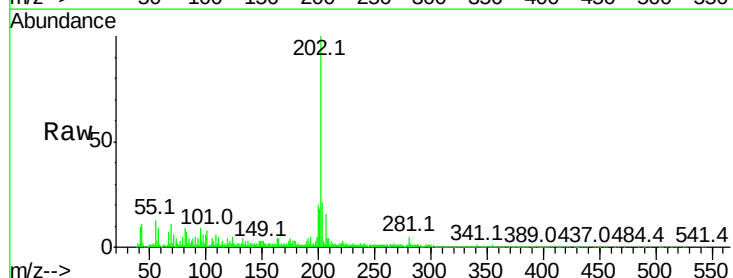
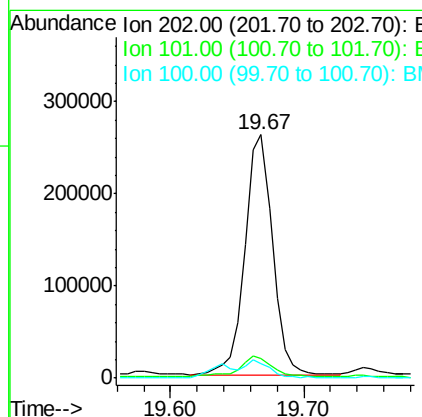
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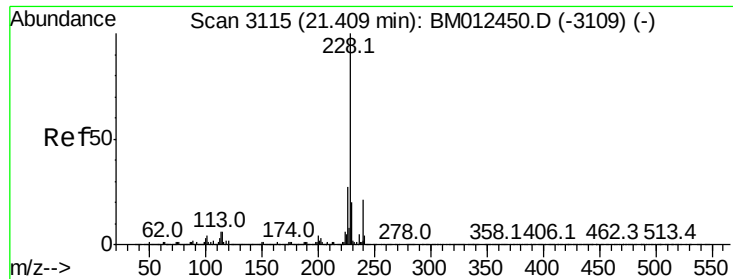
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#77
 Pyrene
 Concen: 2.860 ng/ul
 RT: 19.67 min Scan# 2819
 Delta R.T. 0.00 min
 Lab File: BM012455.D
 Acq: 25 Oct 2017 21:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.0		5.1	7.7#	
100	6.0		4.9	7.3	





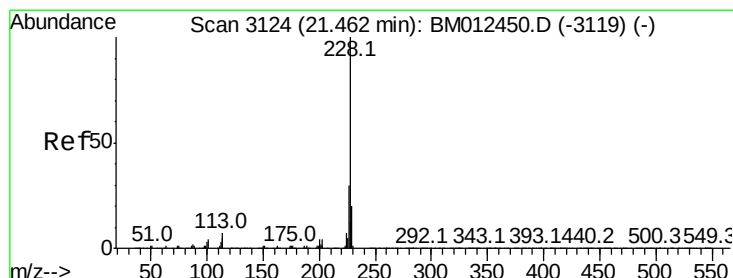
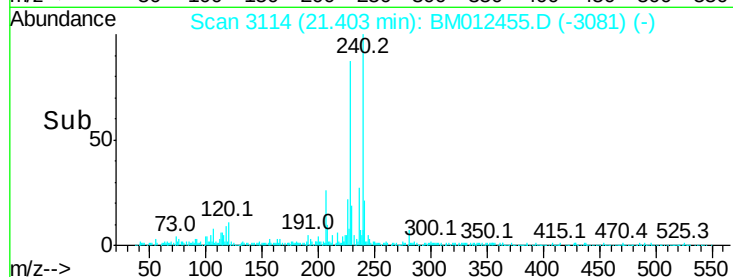
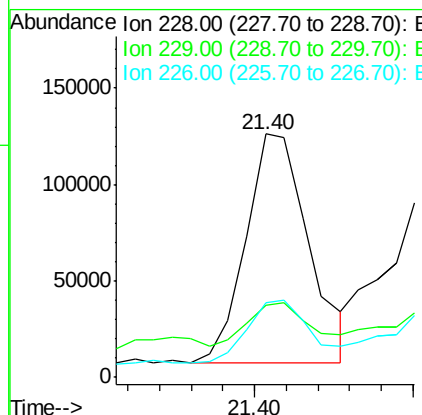
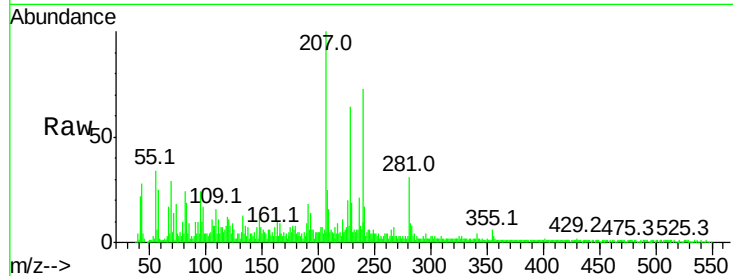
#80
Benzo(a)anthracene
Concen: 1.196 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM012455.D
Acq: 25 Oct 2017 21:47

Instrument :
BNA_M
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Tot Ion	Ratio	Lower	Upper
228	100		
229	29.5	15.4	23.0#
226	30.8	21.4	32.0

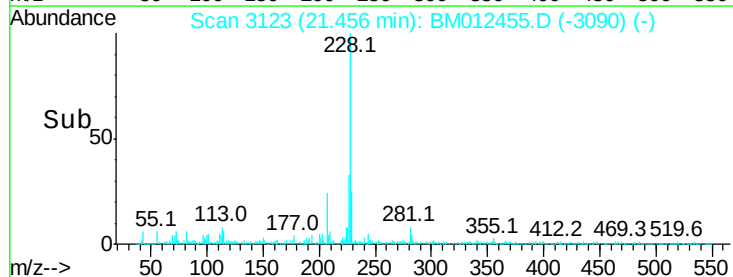
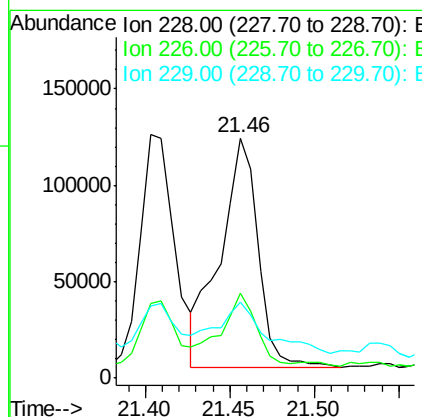
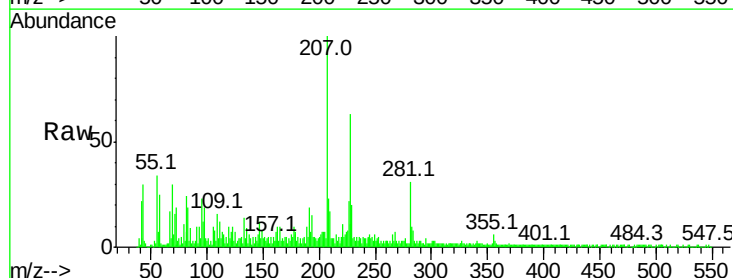
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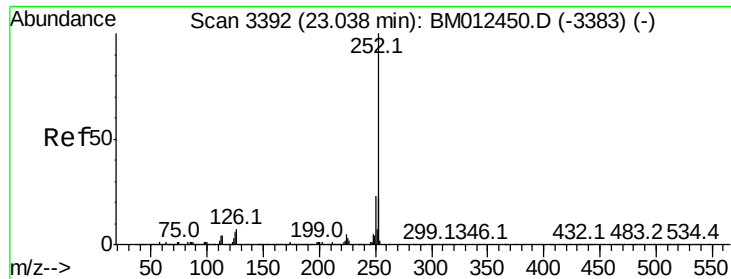
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#82
Chrysene
Concen: 1.535 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM012455.D
Acq: 25 Oct 2017 21:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.4	23.4	35.2#
229	31.6	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 1.691 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. -0.01 min

Lab File: BM012455.D

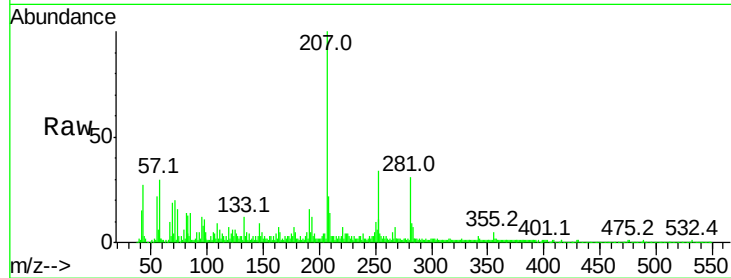
Acq: 25 Oct 2017 21:47

Instrument :

BNA_M

ClientSampleId :

B-25(5-5.5)-100517



Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	32.1	17.9	26.9#
125	16.6	3.6	5.4#

Manual Integrations
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