

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012456.D
 Acq On : 25 Oct 2017 22:24
 Operator : SJ/JU
 Sample : I5719-14 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-27(5-5.5)-100517

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:11 AM

Quant Time: Oct 26 12:21:44 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	571548	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2398626	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1493254	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3228000	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2523995	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2742137	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	19431	1.74	ng/uL	0.00
5) Phenol-d5	7.05	99	418425	8.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	401456	14.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	330844	9.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	297487	7.29	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	206722	13.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	179994	11.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	359418	8.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	608845	14.08	ng/ul	-0.01
43) Dimethylphthalate-d6	13.92	166	1172774	8.99	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1421472	9.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	128662	6.63	ng/ul	0.00
57) Fluorene-d10	15.50	176	994580	9.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	80980	5.18	ng/ul	0.00
70) Anthracene-d10	17.35	188	1411985	9.18	ng/ul	0.00
76) Pyrene-d10	19.64	212	1309786	11.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1189790	9.13	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.08	94	144472	2.906	ng/ul	87
28) Naphthalene	10.73	128	133660	1.124	ng/ul#	60
32) Caprolactam	11.71	113	77600	5.991	ng/ul	75
44) Dimethylphthalate	13.96	163	612548m	4.747	ng/ul	
69) Phenanthrene	17.29	178	336867	1.930	ng/ul	99
74) Fluoranthene	19.30	202	538384	2.722	ng/ul#	93
77) Pyrene	19.67	202	512475	3.570	ng/ul#	94
80) Benzo(a)anthracene	21.40	228	278959	1.846	ng/ul#	92
82) Chrysene	21.46	228	257419m	1.916	ng/ul	
85) Benzo(b)fluoranthene	23.03	252	344186	2.030	ng/ul#	84
88) Benzo(a)pyrene	23.63	252	277595	1.718	ng/ul#	89

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

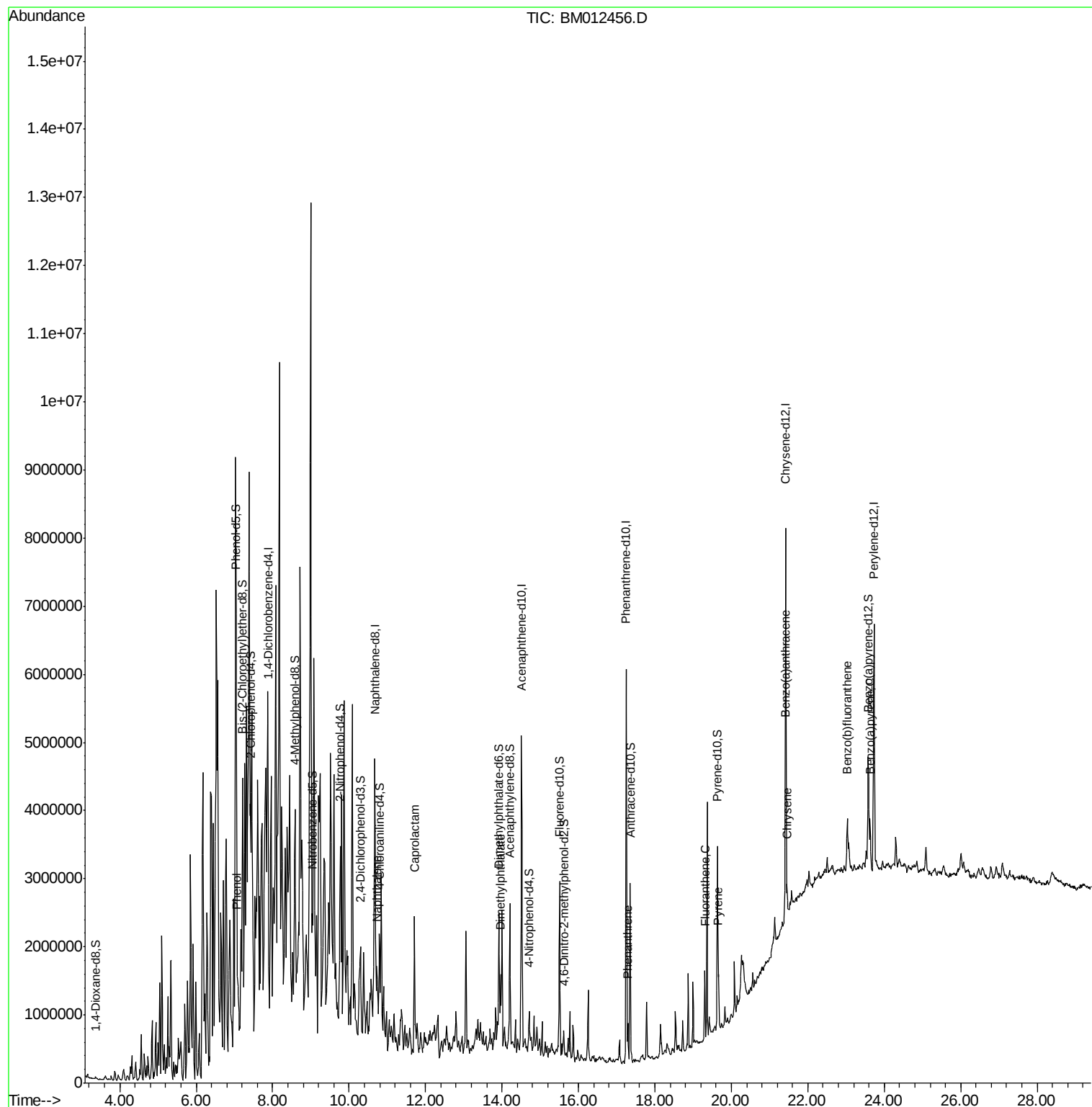
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012456.D
Acq On : 25 Oct 2017 22:24
Operator : SJ/JU
Sample : I5719-14 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

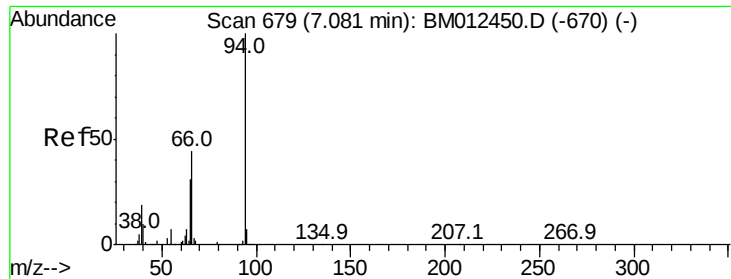
Instrument :
BNA_M
ClientSampleId :
B-27(5-5.5)-100517

Manual Integrations
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Quant Time: Oct 26 12:21:44 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





#6

Phenol

Concen: 2.906 ng/ul

RT: 7.08 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM012456.D

Acq: 25 Oct 2017 22:24

Instrument :

BNA_M

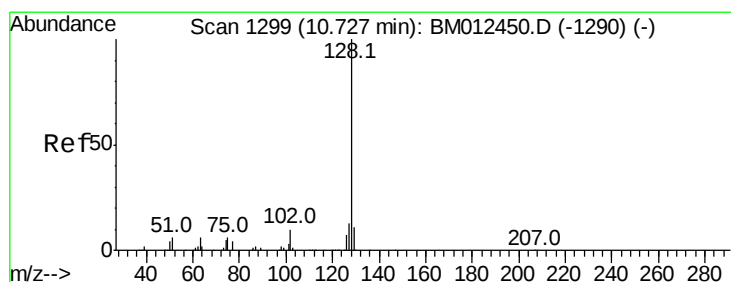
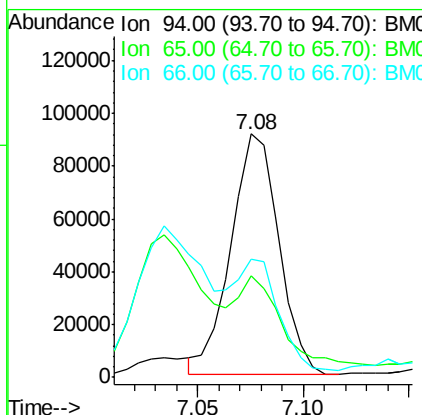
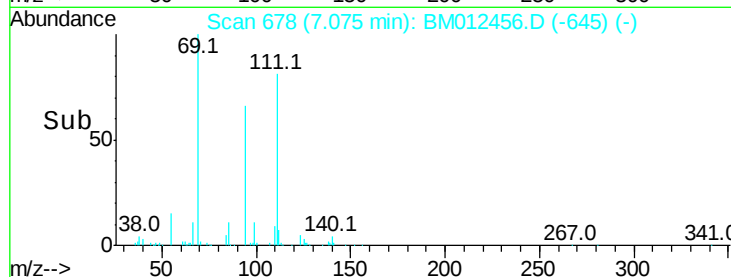
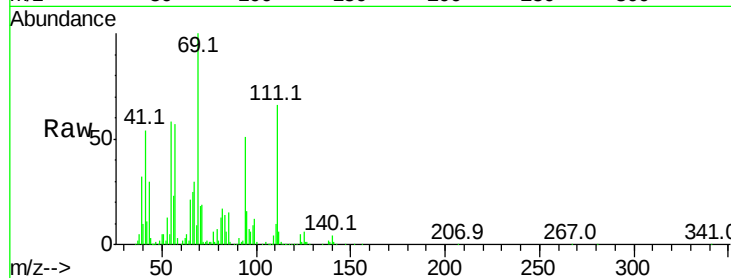
ClientSampleId :

B-27(5-5.5)-100517

Tot Ion:	94	Resp:	144472
Ion Ratio	Lower	Upper	
94	100		
65	41.7	28.2	42.4
66	48.3	47.2	70.8

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#28

Naphthalene

Concen: 1.124 ng/ul

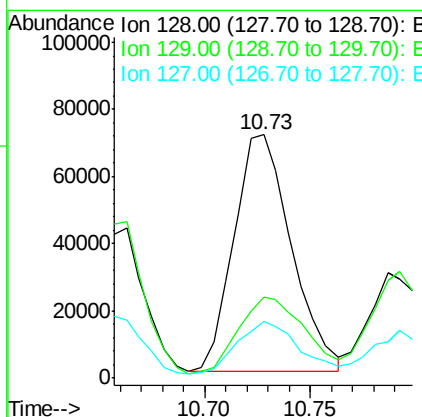
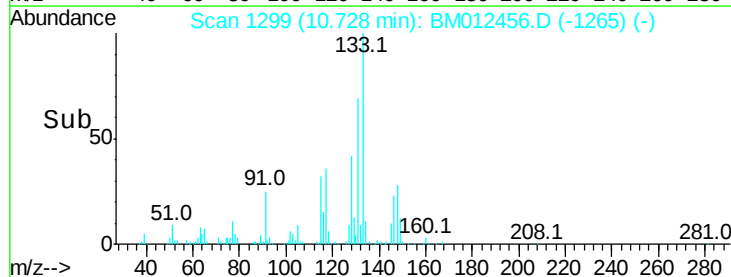
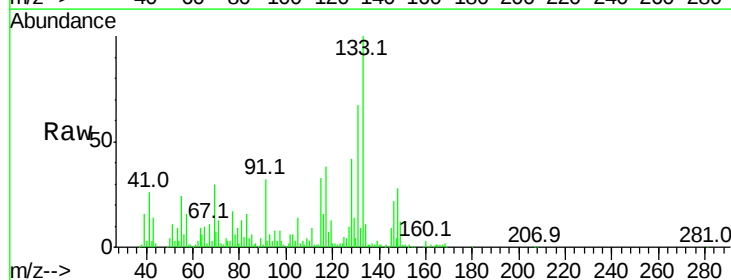
RT: 10.73 min Scan# 1299

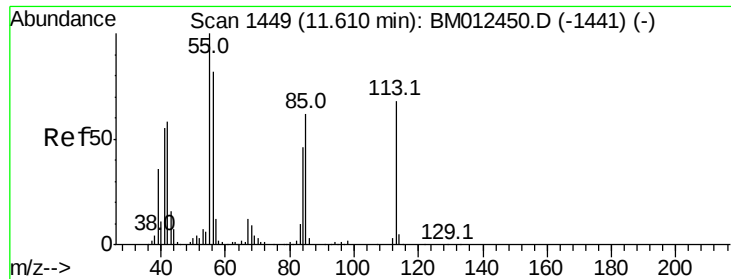
Delta R.T. 0.00 min

Lab File: BM012456.D

Acq: 25 Oct 2017 22:24

Tgt Ion:	128	Resp:	133660
Ion Ratio	Lower	Upper	
128	100		
129	33.2	8.8	13.2#
127	23.4	10.6	16.0#





#32

Caprolactam

Concen: 5.991 ng/ul

RT: 11.71 min Scan# 1466

Delta R.T. 0.10 min

Lab File: BM012456.D

Acq: 25 Oct 2017 22:24

Instrument :

BNA_M

ClientSampleId :

B-27(5-5.5)-100517

Tot Ion:113 Resp: 77600

Ion Ratio Lower Upper

113 100

55 210.8 208.0 312.0

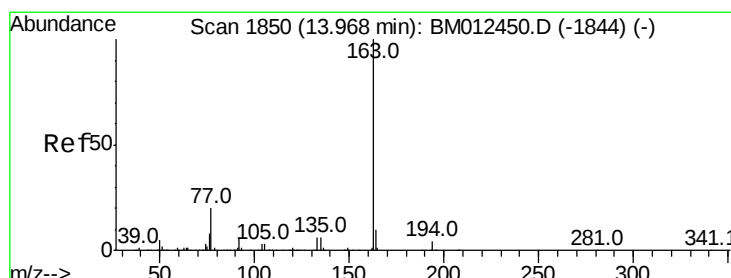
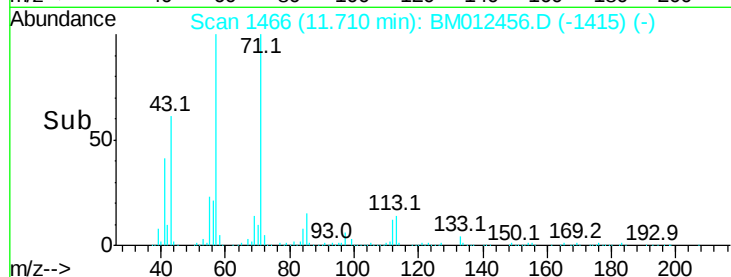
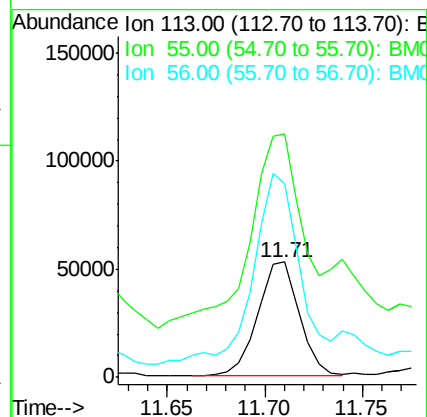
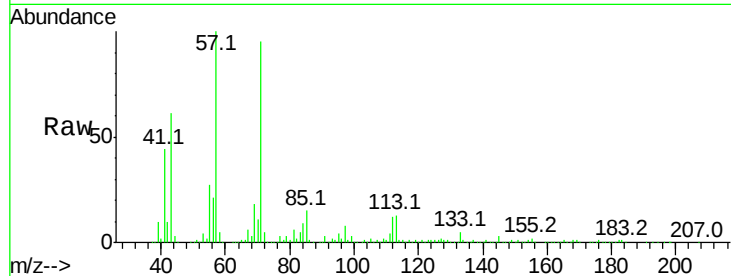
56 167.7 160.0 240.0

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#44

Dimethylphthalate

Concen: 4.747 ng/ul m

RT: 13.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM012456.D

Acq: 25 Oct 2017 22:24

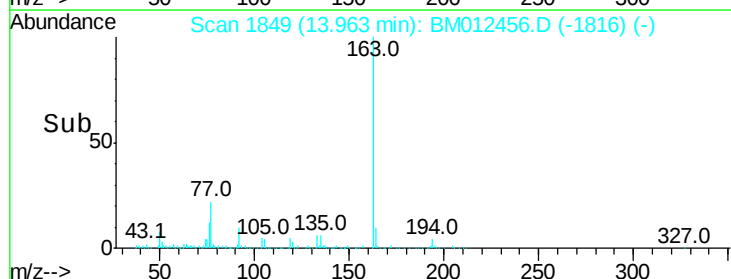
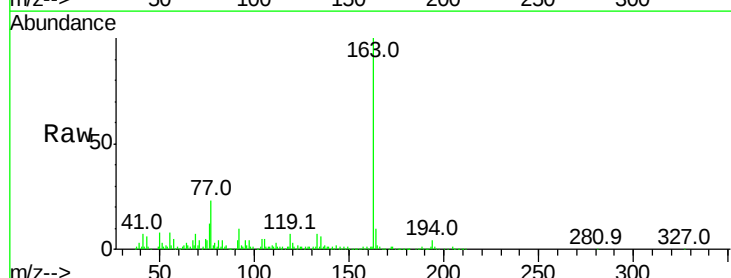
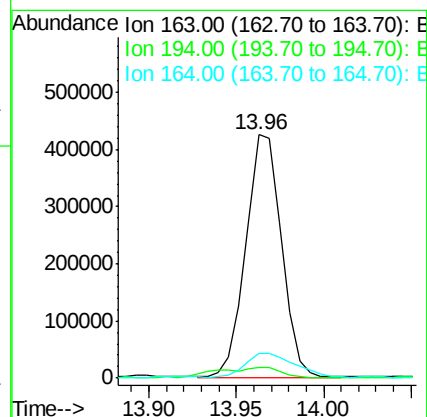
Tgt Ion:163 Resp: 612548

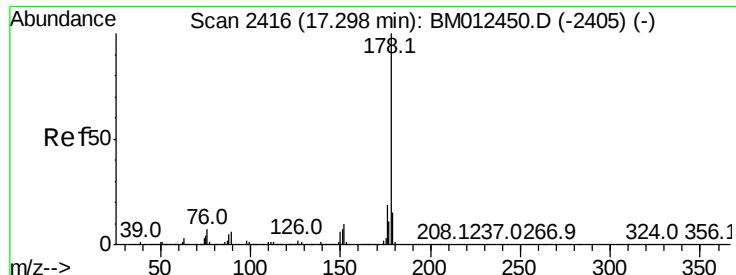
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.2 8.2 12.4





#69

Phenanthrene

Concen: 1.930 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM012456.D

Acq: 25 Oct 2017 22:24

Instrument :

BNA_M

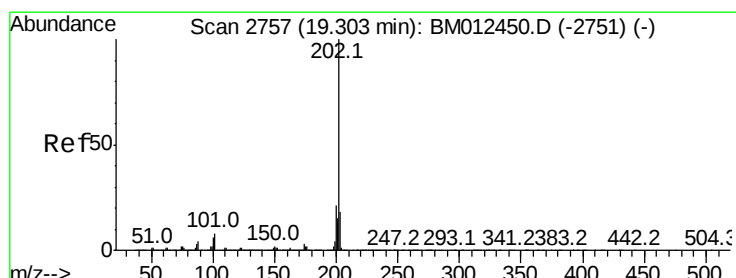
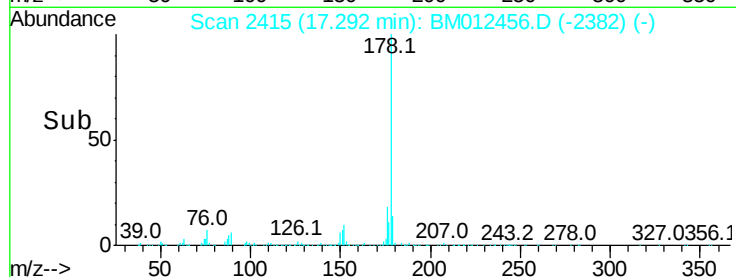
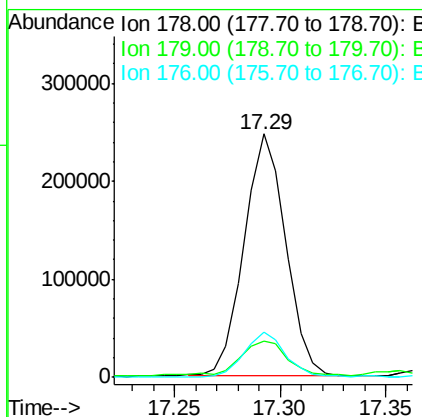
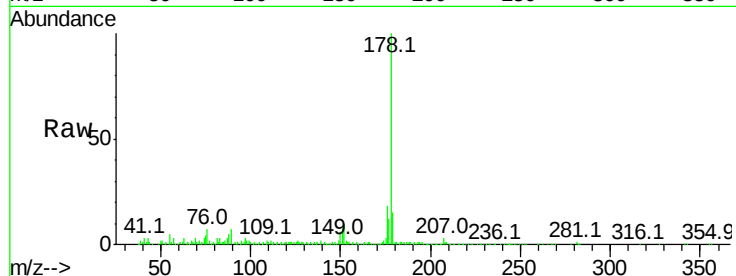
ClientSampleId :

B-27(5-5.5)-100517

Tot Ion:	178	Resp:	336867
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	19.0
176	18.4	14.9	22.3

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#74

Fluoranthene

Concen: 2.722 ng/ul

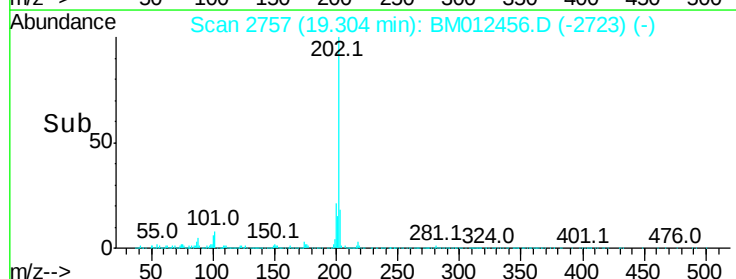
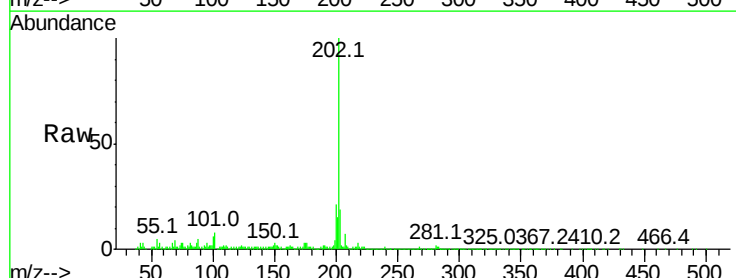
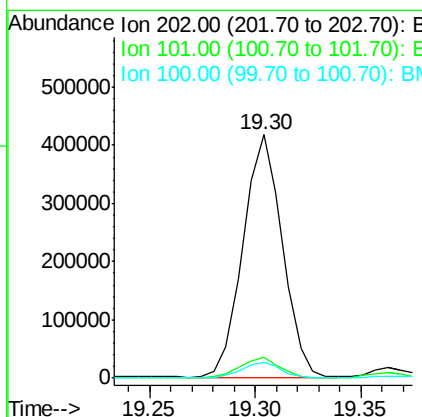
RT: 19.30 min Scan# 2757

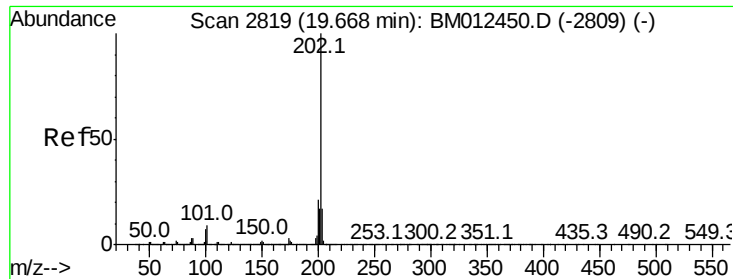
Delta R.T. 0.00 min

Lab File: BM012456.D

Acq: 25 Oct 2017 22:24

Tgt Ion:	202	Resp:	538384
Ion Ratio	Lower	Upper	
202	100		
101	8.4	4.6	7.0#
100	6.3	3.4	5.2#





#77

Pvrene

Concen: 3.570 ng/ul

RT: 19.67 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM012456.D

Acq: 25 Oct 2017 22:24

Instrument :

BNA_M

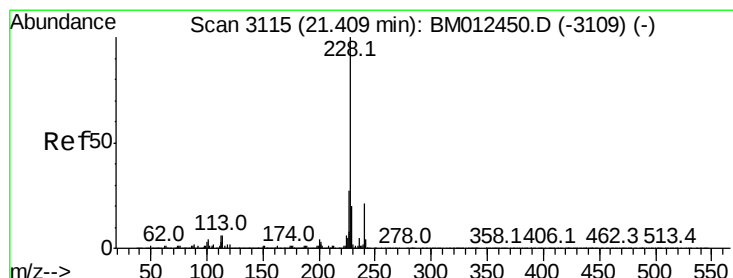
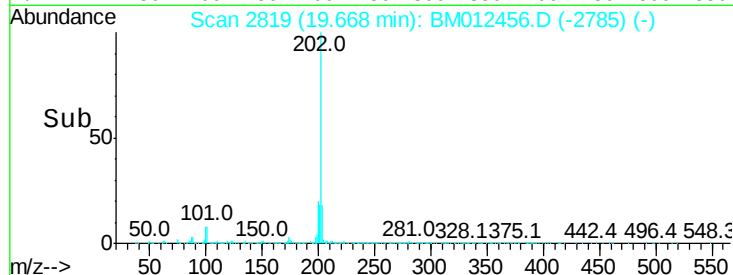
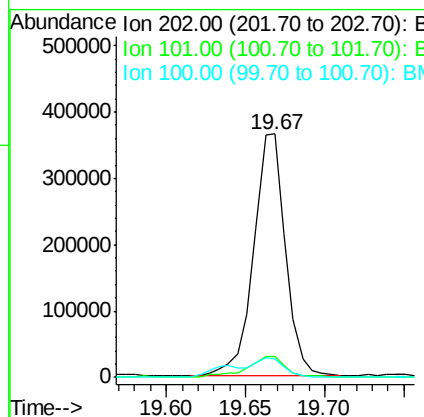
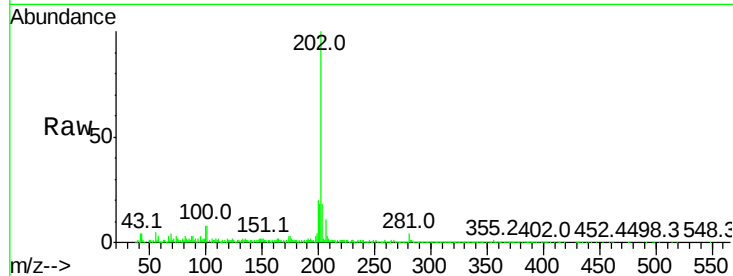
ClientSampleId :

B-27(5-5.5)-100517

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	7.8	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 1.846 ng/ul

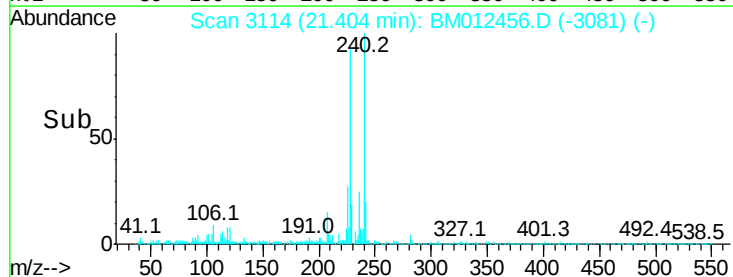
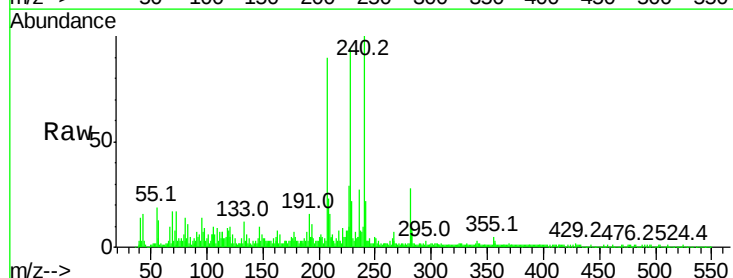
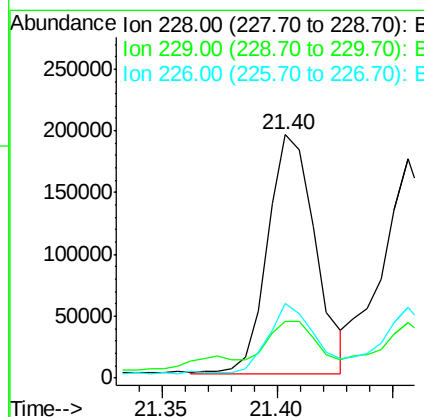
RT: 21.40 min Scan# 3114

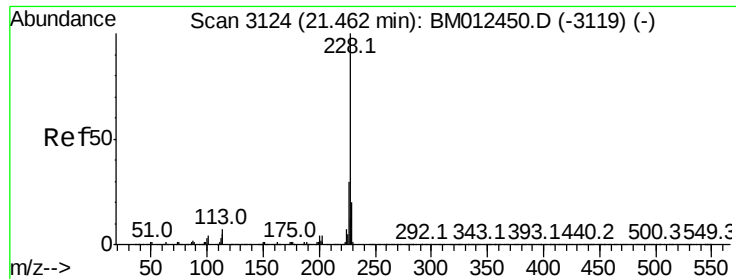
Delta R.T. -0.01 min

Lab File: BM012456.D

Acq: 25 Oct 2017 22:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.2	15.4	23.0#
226	30.8	21.4	32.0





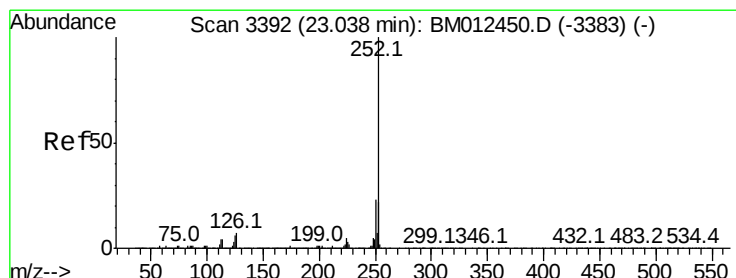
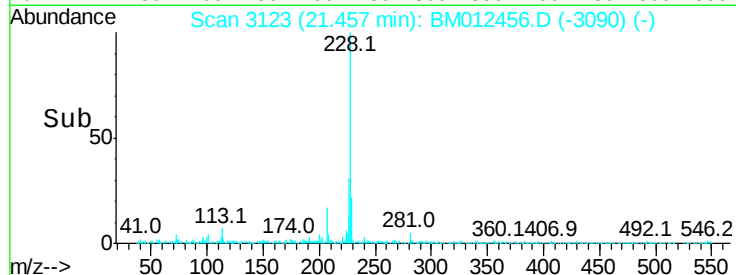
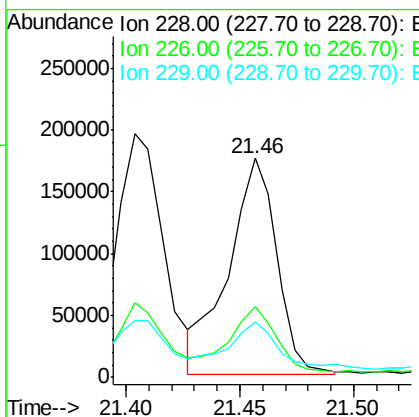
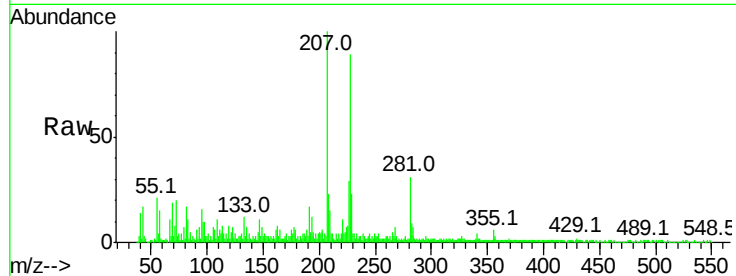
#82
Chrysene
Concen: 1.916 ng/ul m
RT: 21.46 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM012456.D
Acq: 25 Oct 2017 22:24

Instrument :
BNA_M
ClientSampled :
B-27(5-5.5)-100517

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.2
229	25.5	15.5	23.3

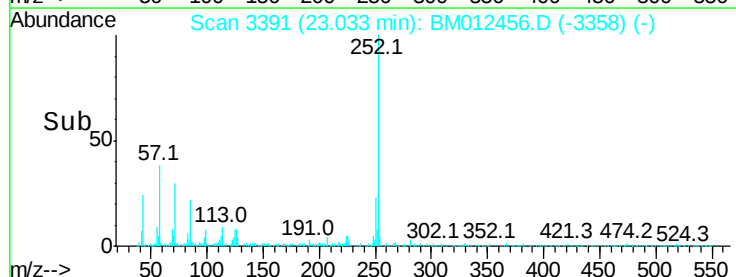
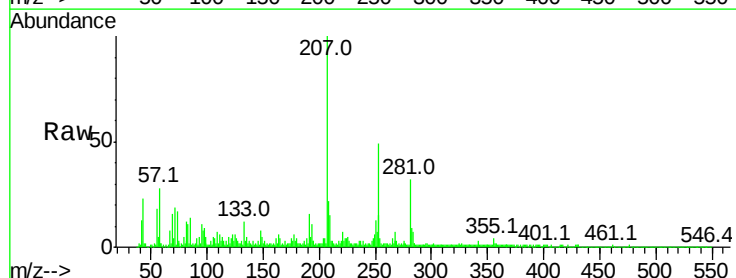
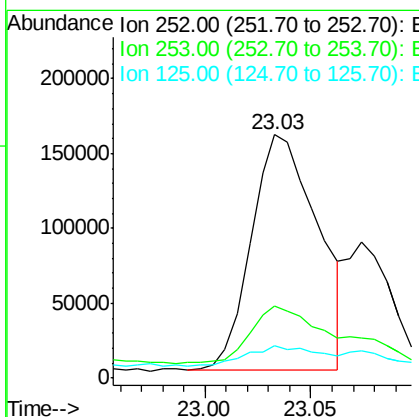
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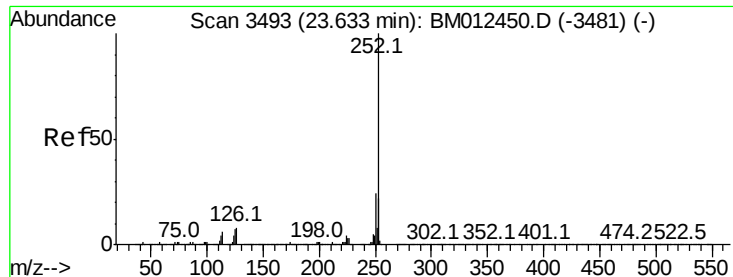
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#85
Benzo(b)fluoranthene
Concen: 2.030 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.01 min
Lab File: BM012456.D
Acq: 25 Oct 2017 22:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	17.9	26.9
125	13.1	3.6	5.4





#88

Benzo(a)pyrene

Concen: 1.718 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM012456.D

Acq: 25 Oct 2017 22:24

Instrument :

BNA_M

ClientSampleId :

B-27(5-5.5)-100517

Tot Ion	Ion	Ratio	Resp Lower	Upper
252	100			
253	27.0	18.2	27.2	
125	11.0	4.0	6.0	

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