

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012478.D
 Acq On : 27 Oct 2017 09:42
 Operator : SJ/JU
 Sample : I5786-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-66(2.5-4.5) 101017

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:29:54 PM

Quant Time: Oct 28 00:33:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	522326	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2147709	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	1337914	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2976694	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	2387669	20.00	ng/ul	-0.01
83) Perylene-d12	23.72	264	2386931	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	60421	5.91	ng/uL	0.00
5) Phenol-d5	7.04	99	1273364	29.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	806316	31.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	993684	30.40	ng/ul	-0.01
13) 4-Methylphenol-d8	8.57	113	1036456	27.79	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	493690	36.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	551916	39.83	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	1105233	30.11	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	995211	25.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	3646488	31.20	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	4445335	32.15	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.69	143	143660	8.27	ng/ul	-0.02
57) Fluorene-d10	15.49	176	3131047	31.65	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.60	200	123956	8.60	ng/ul	-0.02
70) Anthracene-d10	17.34	188	4672202	32.94	ng/ul	-0.01
76) Pyrene-d10	19.63	212	4572905	41.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3776991	33.31	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	7.06	94	289026	6.362	ng/ul#	86
14) Acetophenone	8.68	105	87238	1.489	ng/ul#	60
28) Naphthalene	10.72	128	132785	1.247	ng/ul	99
44) Dimethylphthalate	13.96	163	2500367	21.627	ng/ul	99
69) Phenanthrene	17.29	178	2109006	13.101	ng/ul	98
71) Anthracene	17.37	178	366881	2.205	ng/ul	98
73) Di-n-butylphthalate	18.21	149	10658418	60.645	ng/ul	97
74) Fluoranthene	19.29	202	4729422	25.928	ng/ul#	92
77) Pyrene	19.66	202	4340744	31.969	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	1859082	13.003	ng/ul	97
82) Chrysene	21.44	228	2129384	16.751	ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	2921204	19.798	ng/ul#	96
86) Benzo(k)fluoranthene	23.06	252	975865m	7.027	ng/ul	
88) Benzo(a)pyrene	23.62	252	2042431	14.518	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.05	276	1671594	10.096	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.05	278	412517	2.939	ng/ul#	85
91) Benzo(g,h,i)perylene	26.77	276	1398922	10.425	ng/ul#	94

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

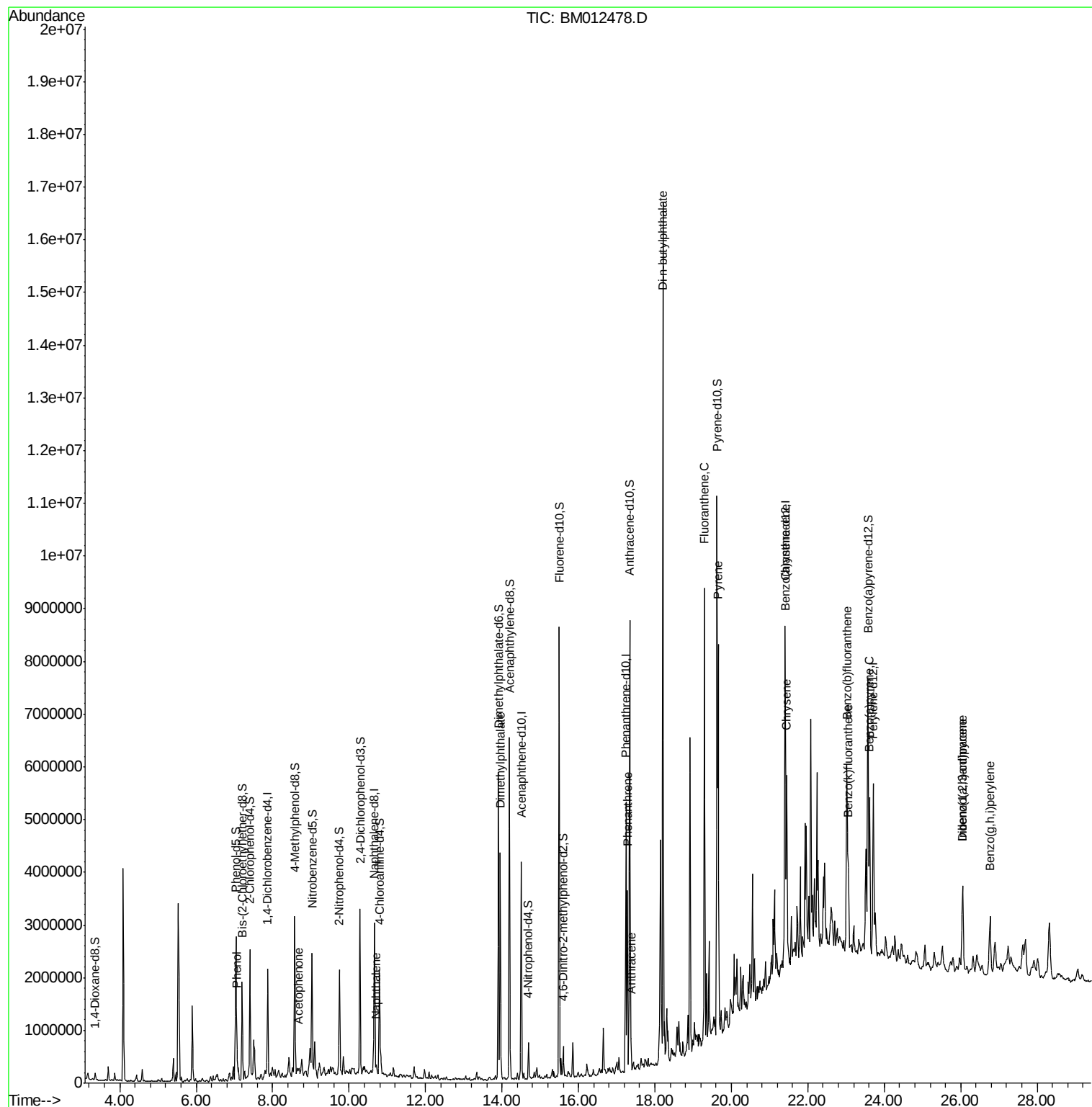
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012478.D
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ALS Vial : 3 Sample Multiplier: 1

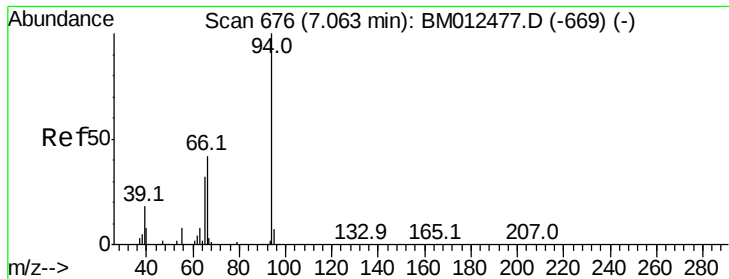
Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5) 101017

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration





#6

Phenol

Concen: 6.362 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM012478.D

Acq: 27 Oct 2017 09:42

Instrument :

BNA_M

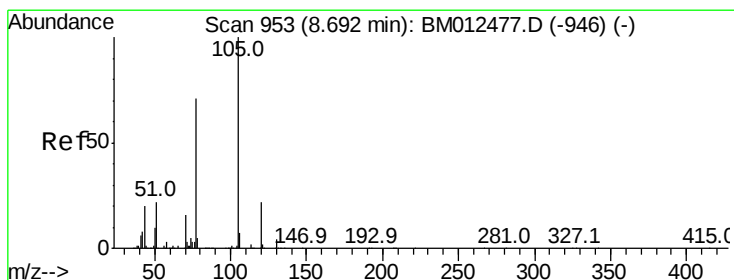
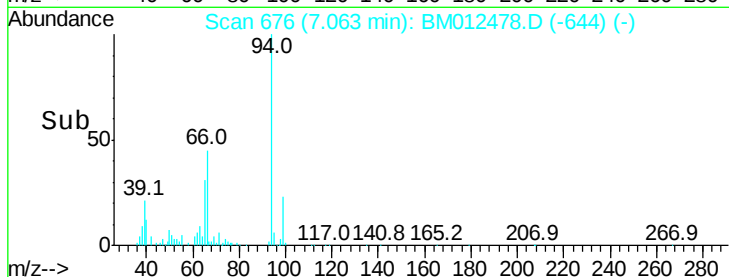
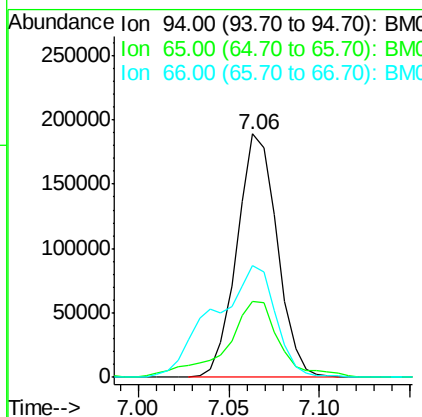
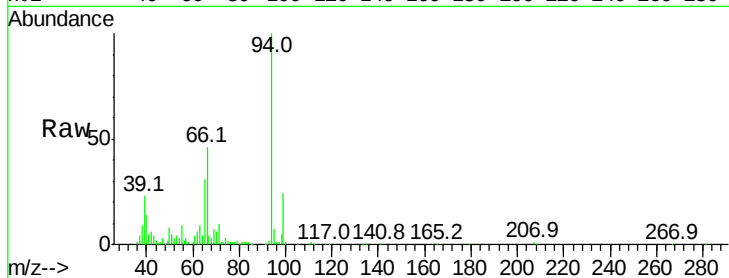
ClientSampleId :

B-66(2.5-4.5) 101017

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.4	28.2	42.4
66	45.8	47.2	70.8#

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#14

Acetophenone

Concen: 1.489 ng/ul

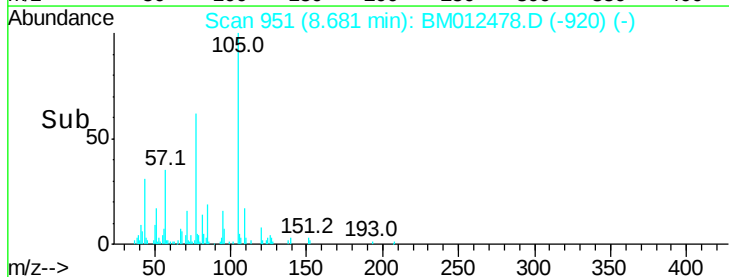
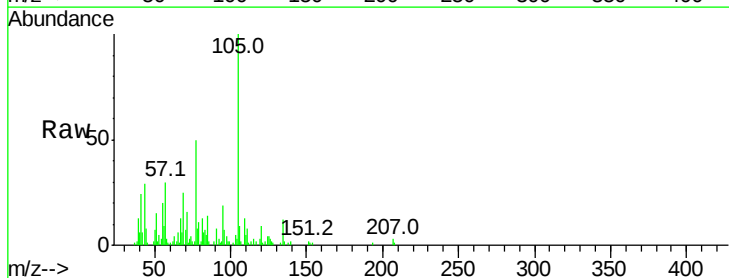
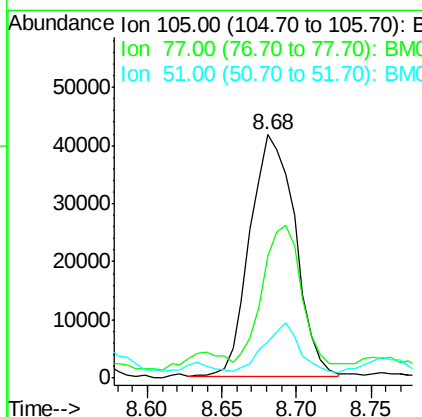
RT: 8.68 min Scan# 951

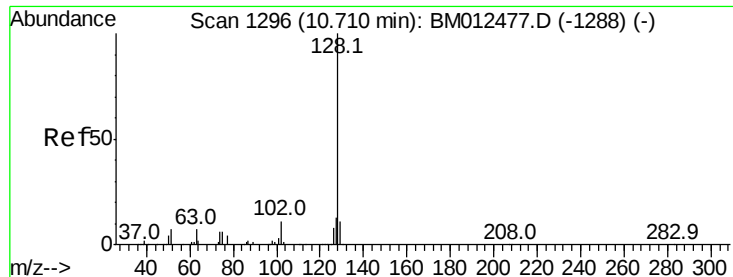
Delta R.T. -0.02 min

Lab File: BM012478.D

Acq: 27 Oct 2017 09:42

Tgt Ion	Ratio	Lower	Upper
105	100		
77	50.2	74.2	111.4#
51	15.1	23.4	35.2#





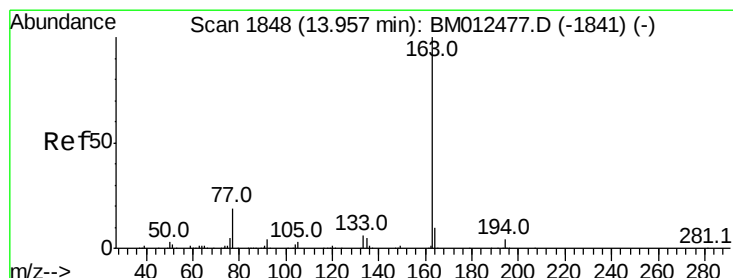
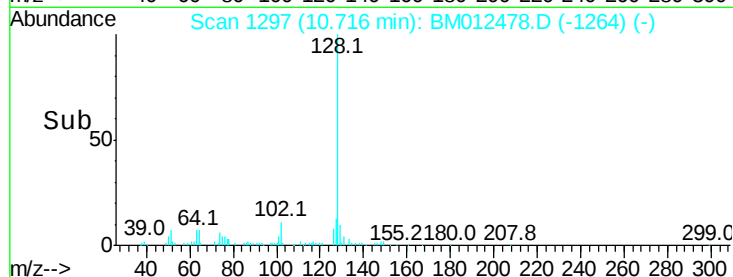
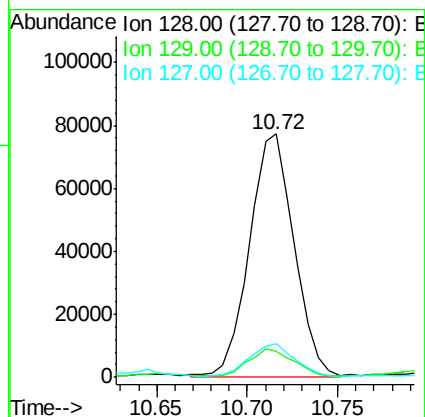
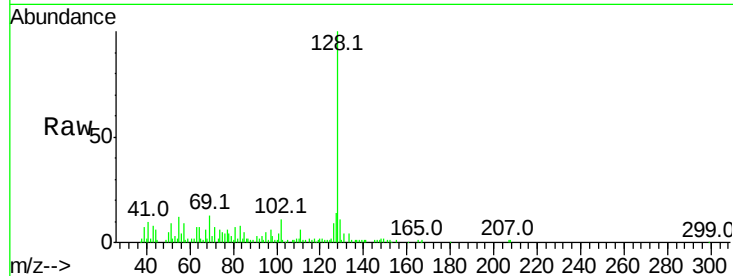
#28
Naphthalene
Concen: 1.247 ng/ul
RT: 10.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM012478.D
Acq: 27 Oct 2017 09:42

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.8	10.6	16.0

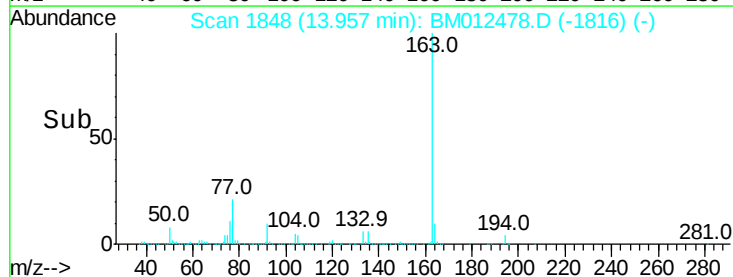
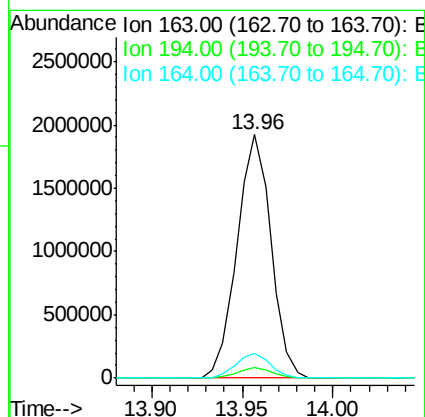
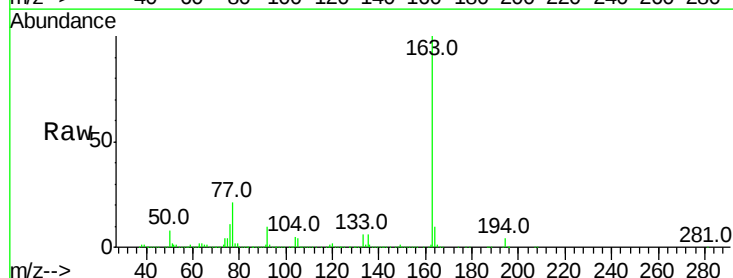
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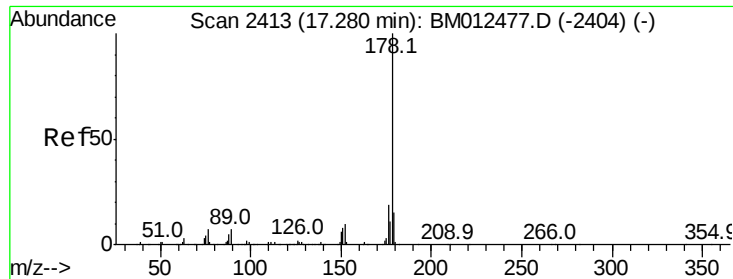
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#44
Dimethylphthalate
Concen: 21.627 ng/ul
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM012478.D
Acq: 27 Oct 2017 09:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.2	12.4





#69

Phenanthrene

Concen: 13.101 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM012478.D

Acq: 27 Oct 2017 09:42

Instrument :

BNA_M

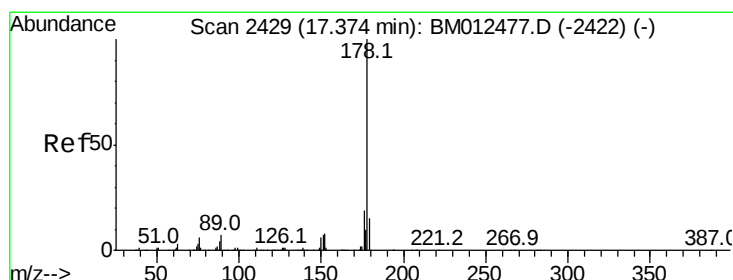
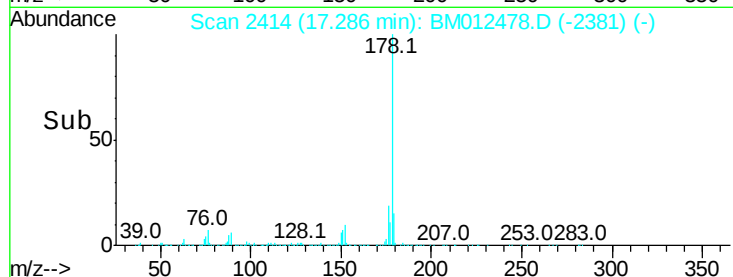
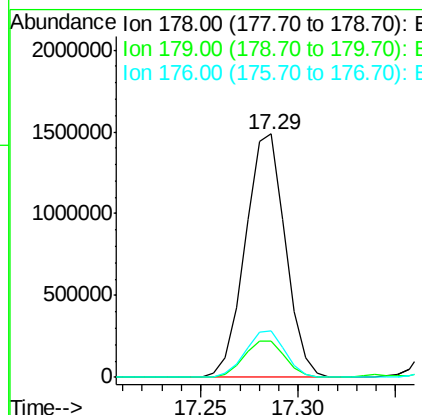
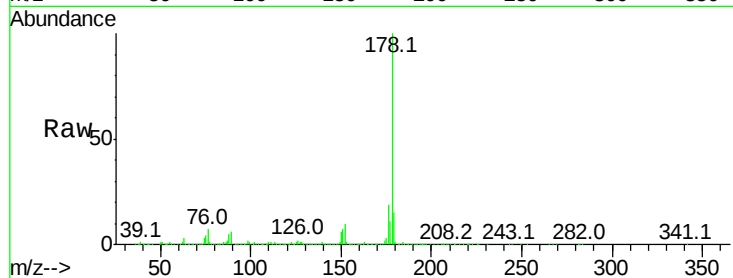
ClientSampleId :

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Tot Ion:	178	Resp:	2109006
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	19.1	14.9	22.3

Manual Integrations
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#71

Anthracene

Concen: 2.205 ng/ul

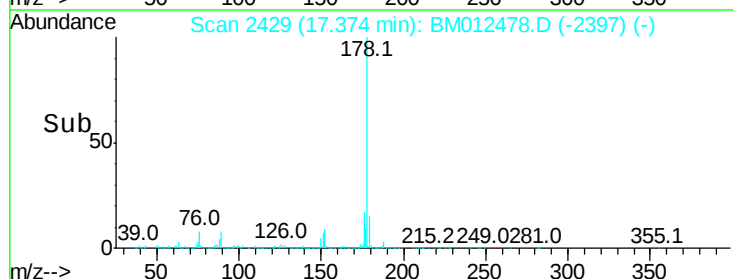
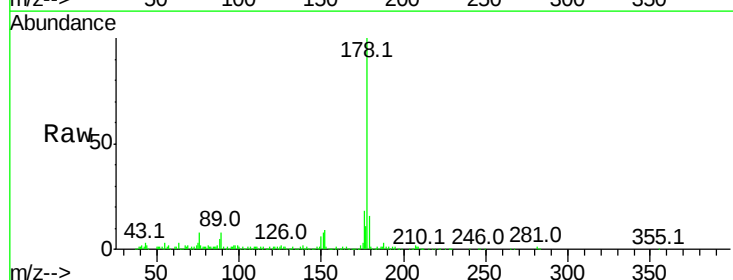
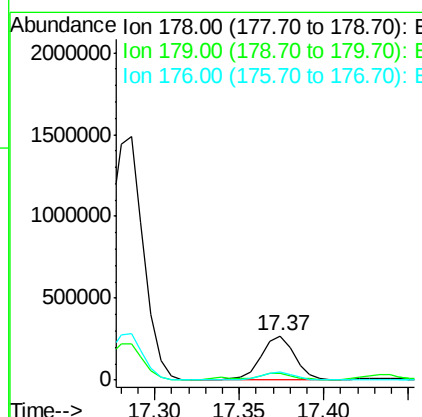
RT: 17.37 min Scan# 2429

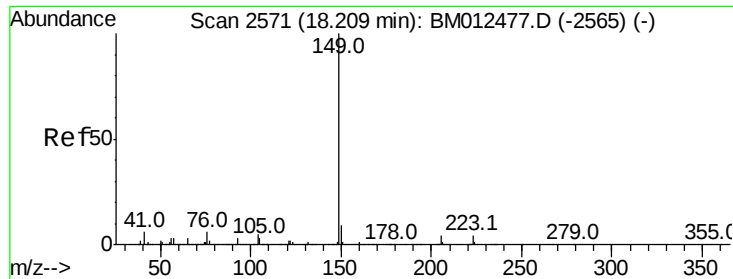
Delta R.T. -0.01 min

Lab File: BM012478.D

Acq: 27 Oct 2017 09:42

Tgt Ion:	178	Resp:	366881
Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	17.6	14.6	21.8





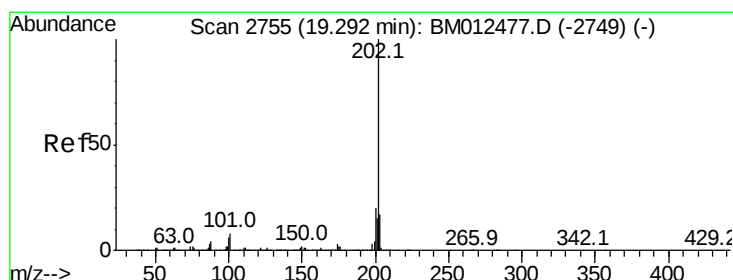
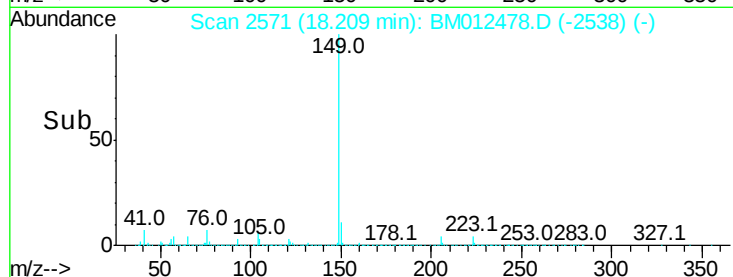
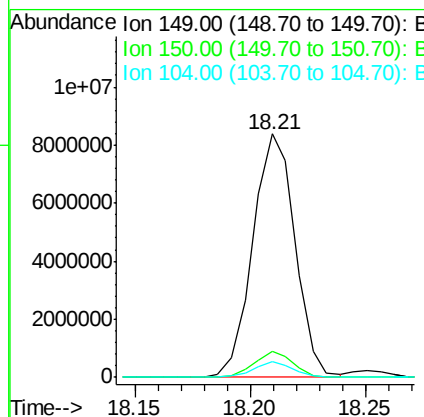
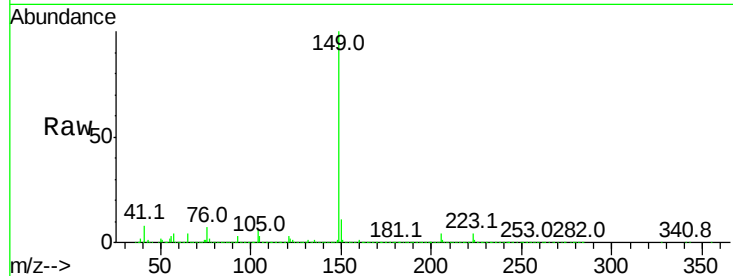
#73
Di-n-butylphthalate
Concen: 60.645 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM012478.D
Acq: 27 Oct 2017 09:42

Instrument :
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ClientSampleId :
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Tot Ion:149 Resp:10658418
Ion Ratio Lower Upper
149 100
150 10.5 7.1 10.7
104 6.3 5.6 8.4

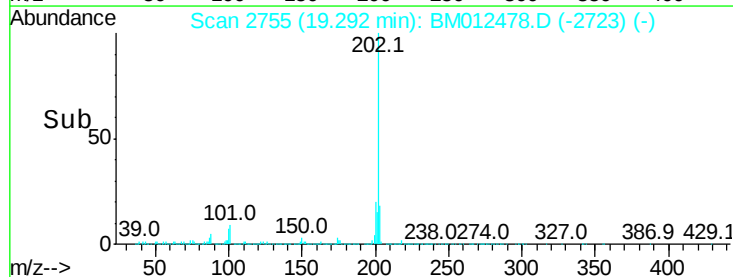
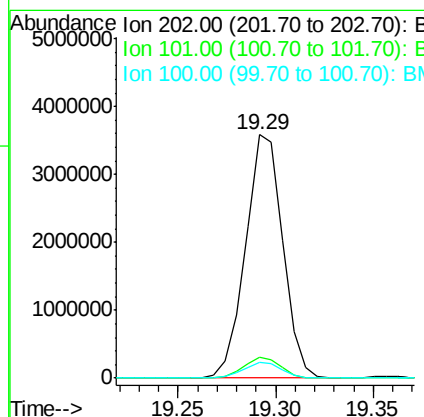
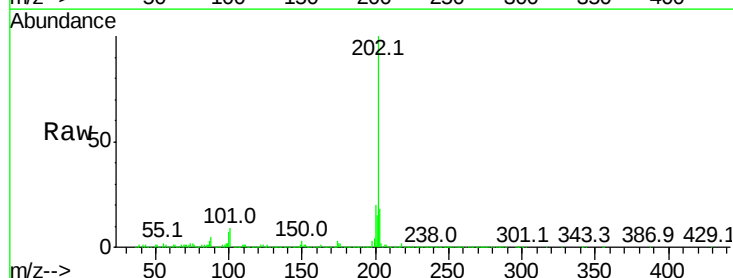
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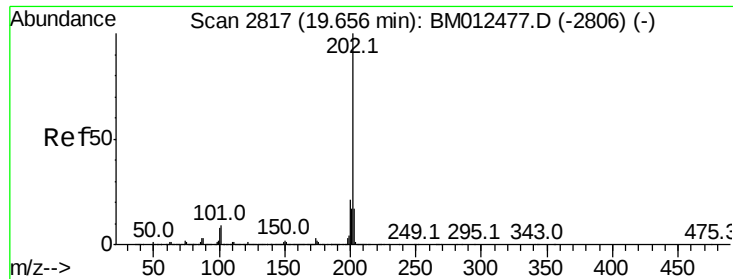
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#74
Fluoranthene
Concen: 25.928 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.01 min
Lab File: BM012478.D
Acq: 27 Oct 2017 09:42

Tgt Ion:202 Resp: 4729422
Ion Ratio Lower Upper
202 100
101 8.8 4.6 7.0#
100 6.7 3.4 5.2#





#77

Pvrene

Concen: 31.969 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012478.D

Acq: 27 Oct 2017 09:42

Instrument :

BNA_M

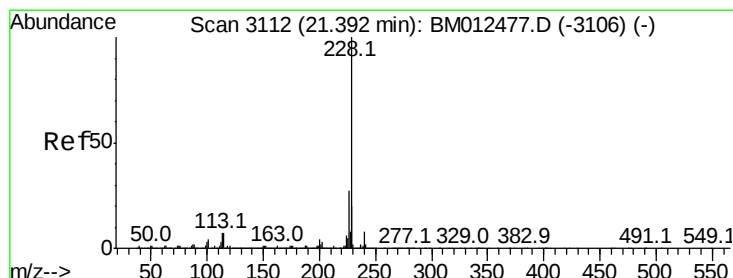
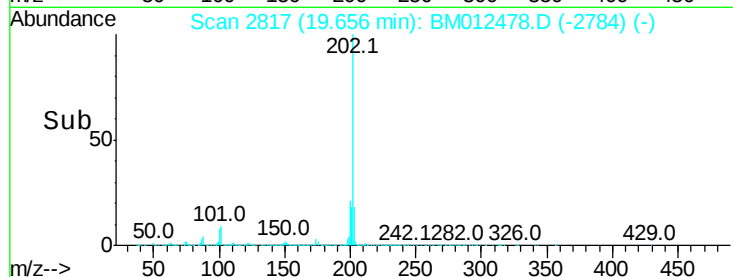
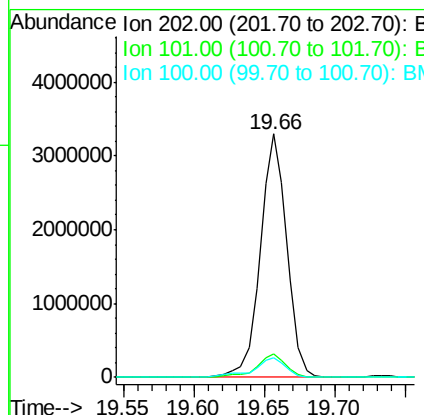
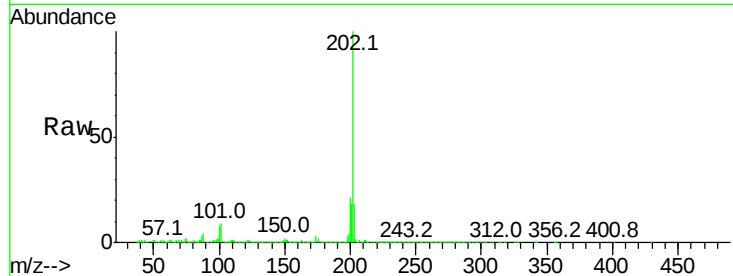
ClientSampleId :

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Tot Ion:	202	Resp:	4340744
Ion Ratio	Lower	Upper	
202	100		
101	9.4	5.1	7.7#
100	8.2	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 13.003 ng/ul

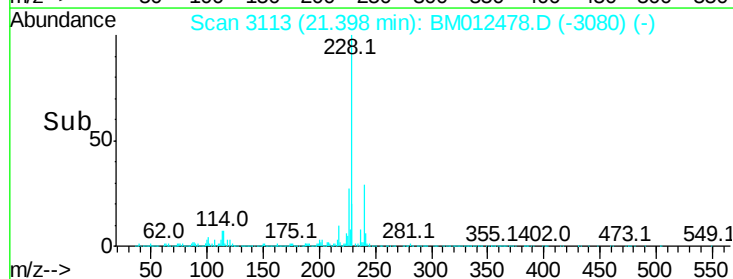
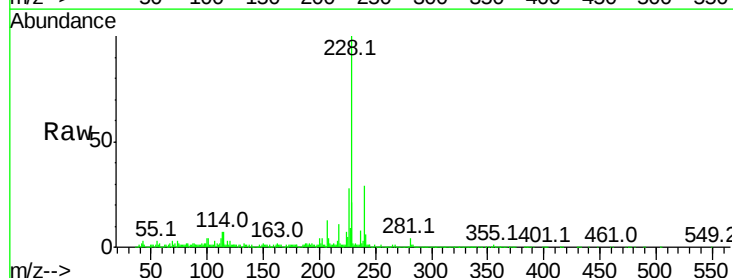
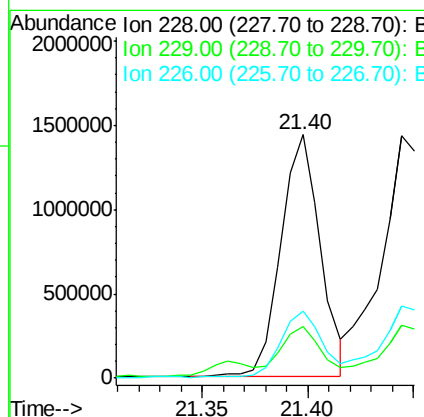
RT: 21.40 min Scan# 3113

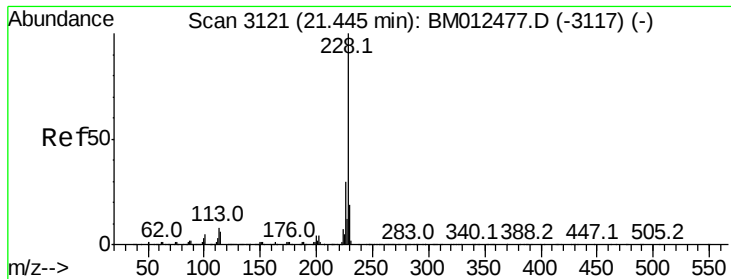
Delta R.T. -0.01 min

Lab File: BM012478.D

Acq: 27 Oct 2017 09:42

Tgt Ion:	228	Resp:	1859082
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.4	23.0
226	27.7	21.4	32.0





#82

Chrysene

Concen: 16.751 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM012478.D

Acq: 27 Oct 2017 09:42

Instrument :

BNA_M

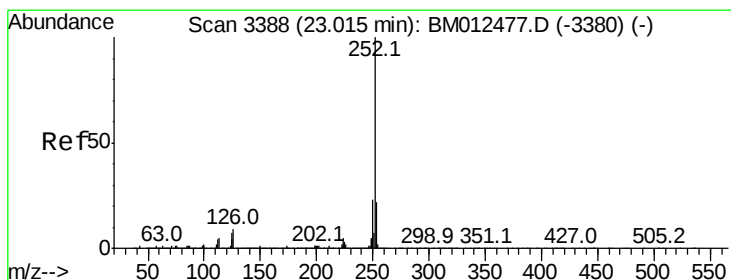
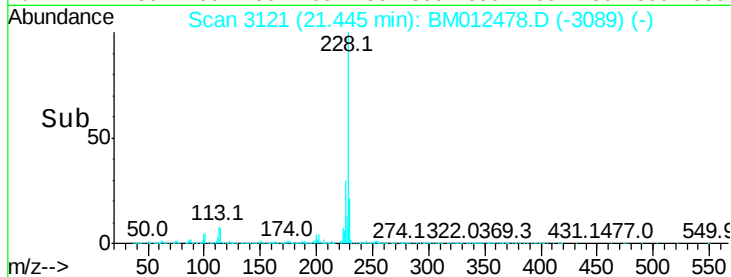
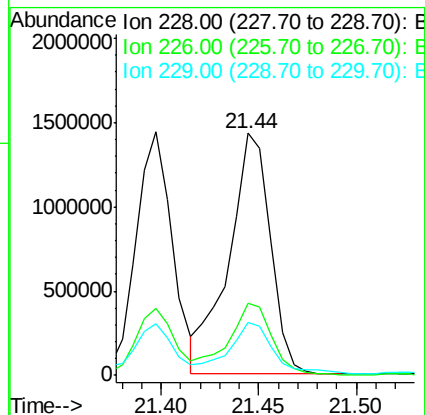
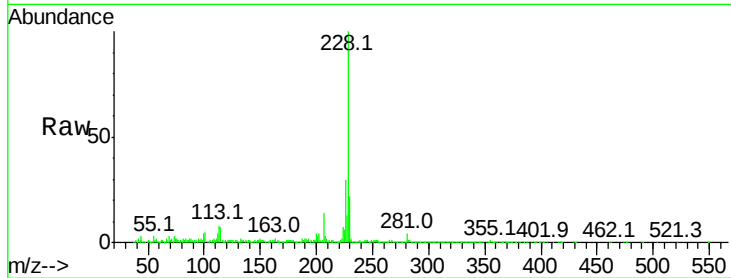
ClientSampleId :

B-66(2.5-4.5) 101017

Tot Ion:	228	Resp:	2129384
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	21.6	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 19.798 ng/ul

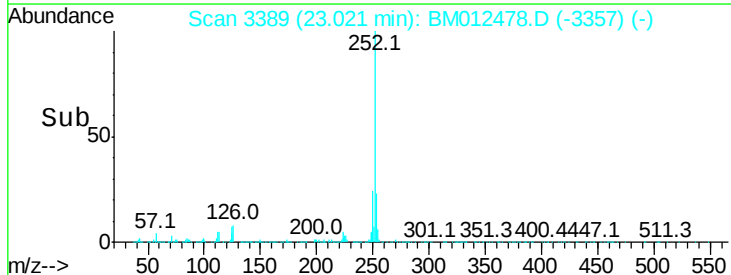
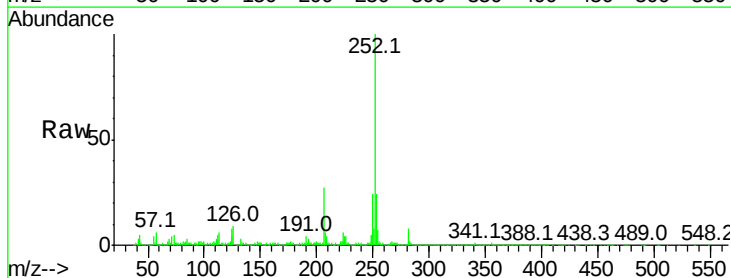
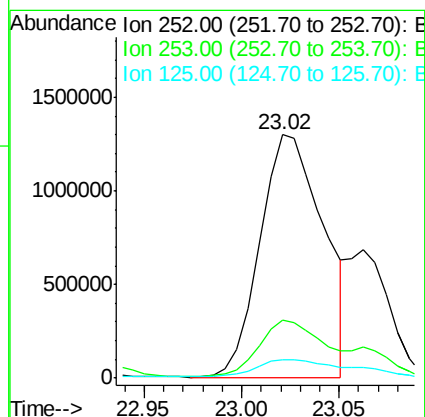
RT: 23.02 min Scan# 3389

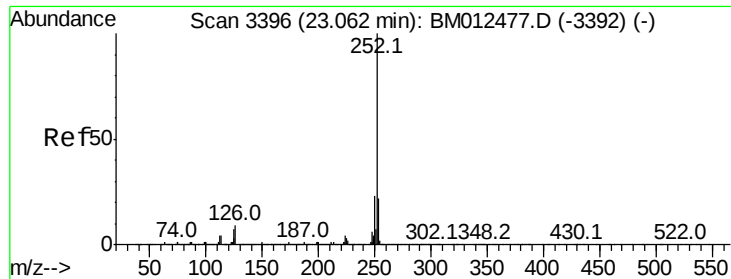
Delta R.T. -0.01 min

Lab File: BM012478.D

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Tgt Ion:	252	Resp:	2921204
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	7.6	3.6	5.4





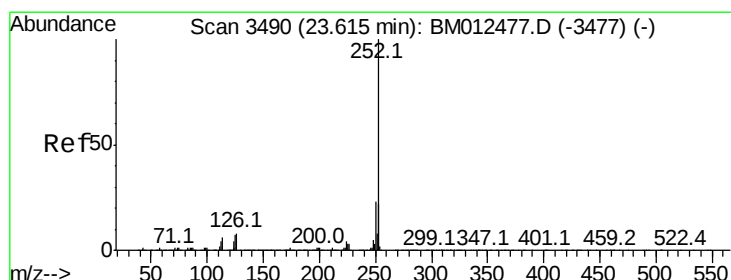
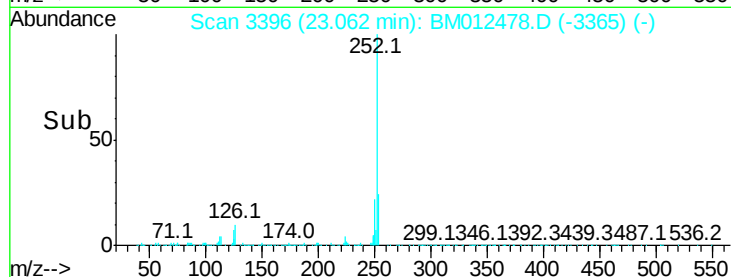
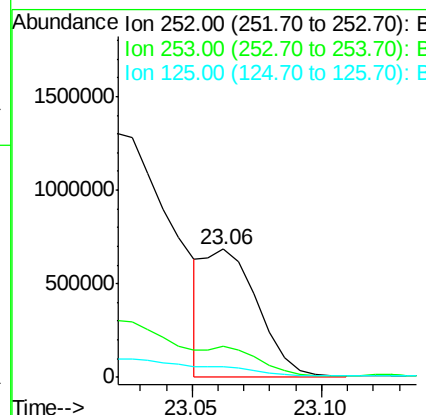
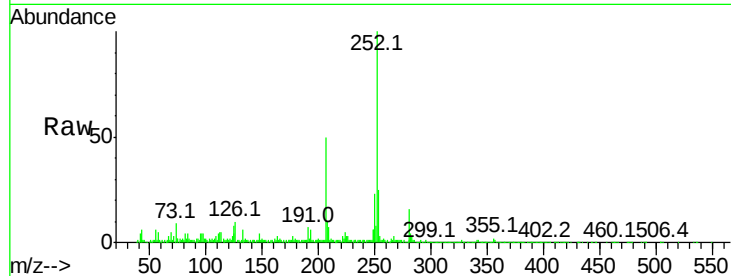
#86
Benzo(k)fluoranthene
Concen: 7.027 ng/ul m
RT: 23.06 min Scan# 3396
Delta R.T. -0.02 min
Lab File: BM012478.D
Acq: 27 Oct 2017 09:42

Instrument :
BNA_M
ClientSampleId :
B-66(2.5-4.5) 101017

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	8.0	3.4	5.2#

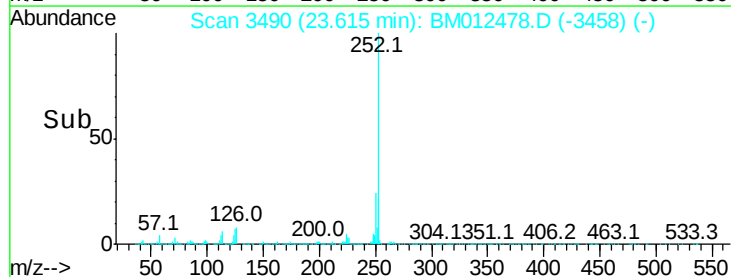
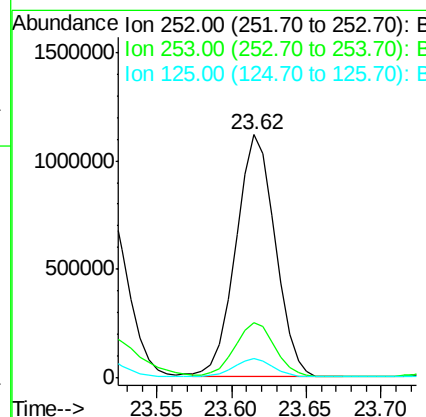
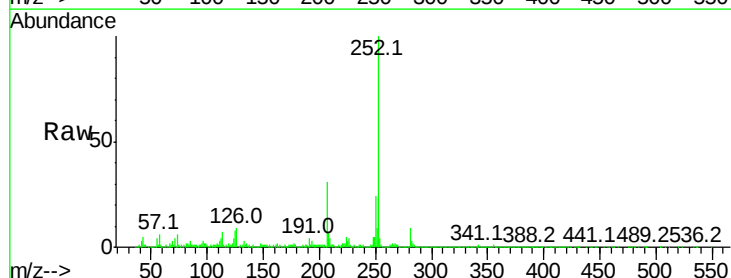
Manual Integrations
APPROVED

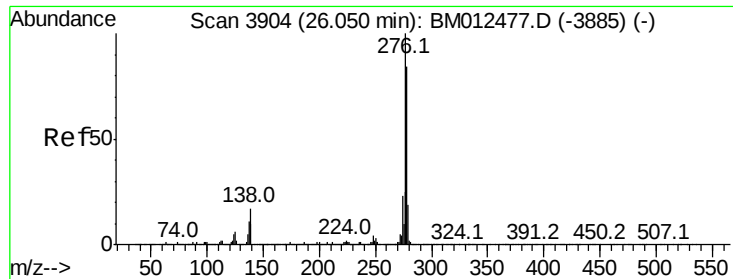
Sohil
10/30/2017 6:29:54 PM



#88
Benzo(a)pyrene
Concen: 14.518 ng/ul
RT: 23.62 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BM012478.D
Acq: 27 Oct 2017 09:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	7.8	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 10.096 ng/ul

RT: 26.05 min Scan# 3904

Delta R.T. -0.03 min

Lab File: BM012478.D

Acq: 27 Oct 2017 09:42

Instrument :

BNA_M

ClientSampleId :

B-66(2.5-4.5) 101017

Tot Ion:276 Resp: 1671594

Ion Ratio Lower Upper

276 100

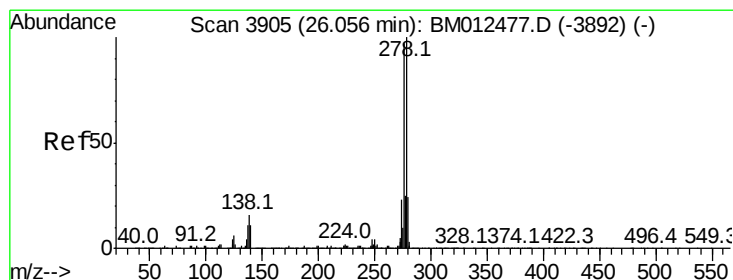
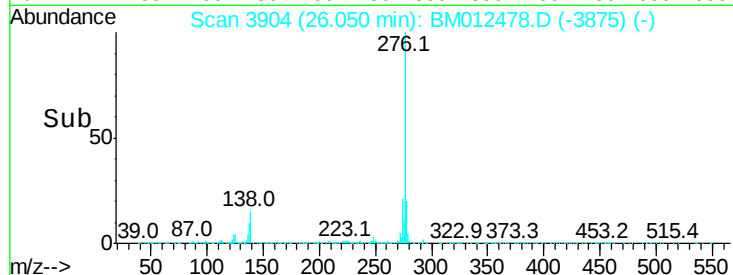
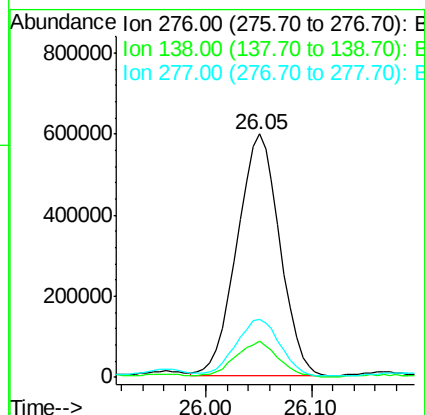
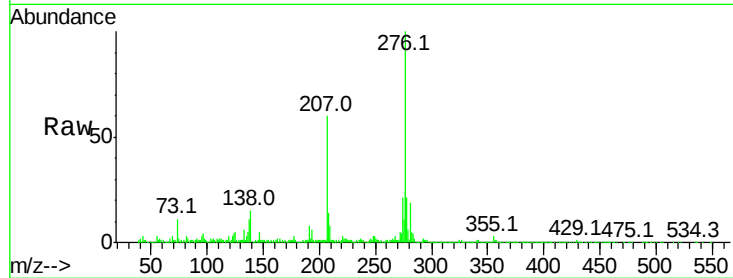
138 14.9 9.3 13.9#

277 24.0 19.9 29.9

Manual Integrations
APPROVED

Sohil

10/30/2017 6:29:54 PM



#90

Dibenzo(a,h)anthracene

Concen: 2.939 ng/ul

RT: 26.05 min Scan# 3904

Delta R.T. -0.04 min

Lab File: BM012478.D

Acq: 27 Oct 2017 09:42

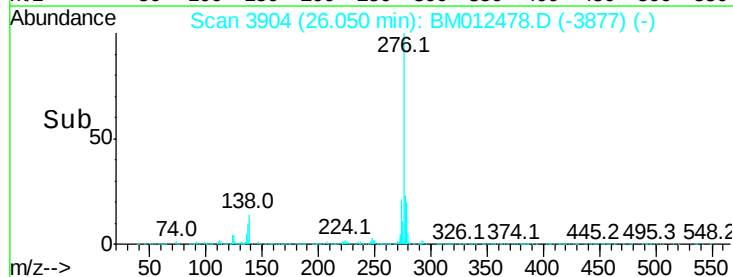
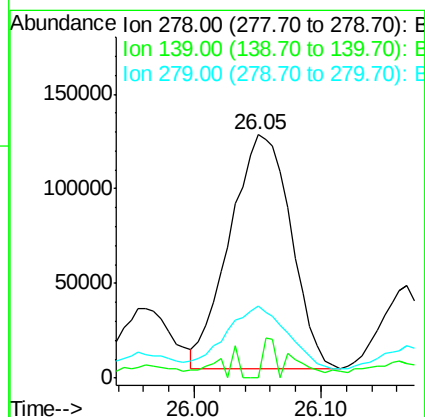
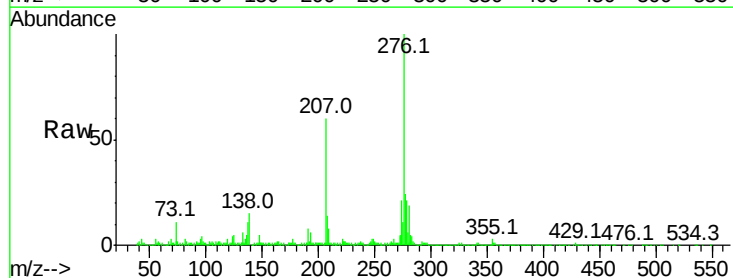
Tgt Ion:278 Resp: 412517

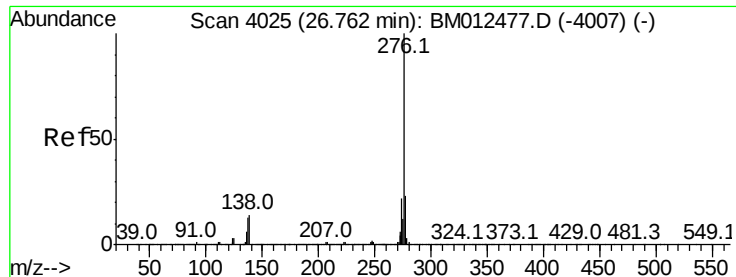
Ion Ratio Lower Upper

278 100

139 0.0 5.8 8.8#

279 29.7 18.6 27.8#





#91
 Benzo(a,h,i)perylene
 Concen: 10.425 ng/ul
 RT: 26.77 min Scan# 4026
 Delta R.T. -0.03 min
 Lab File: BM012478.D
 Acq: 27 Oct 2017 09:42

Instrument :
 BNA_M
 ClientSampleId :
 B-66(2.5-4.5)_101017

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.7	8.5	12.7#
277	25.1	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:29:54 PM

