

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012827.D
 Acq On : 08 Nov 2017 18:44
 Operator : SJ/JU
 Sample : I5955-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-17(5-6.5)-101717

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:39 PM

Quant Time: Nov 09 04:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	113395	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	480352	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	299033	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	667566	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	567245	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	571864	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13834	6.59	ng/uL	0.00
5) Phenol-d5	6.97	99	309168	36.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	185577	40.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	274913	39.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	221033	30.35	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	142158	40.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	167703	41.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	305283	36.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	275473	34.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1006071	40.66	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1187021	38.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	99609	25.12	ng/ul	0.00
57) Fluorene-d10	15.43	176	860840	40.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	114384	25.95	ng/ul	0.00
70) Anthracene-d10	17.28	188	1234161	38.26	ng/ul	0.00
78) Pyrene-d10	19.57	212	1285677	48.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1146839	42.41	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.00	94	30962	3.575	ng/ul	94
44) Dimethylphthalate	13.89	163	286278	11.658	ng/ul	99
76) Fluoranthene	19.24	202	390321m	8.902	ng/ul	
79) Pyrene	19.60	202	423156	12.503	ng/ul#	94
80) Butylbenzylphthalate	20.50	149	389951	31.596	ng/ul#	94
82) Benzo(a)anthracene	21.34	228	326929	9.524	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1975753	109.889	ng/ul#	95
84) Chrysene	21.40	228	294008	9.451	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	461101	13.194	ng/ul#	94
88) Benzo(k)fluoranthene	23.00	252	148268m	4.463	ng/ul	
90) Benzo(a)pyrene	23.54	252	335939m	10.102	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.95	276	254546	6.351	ng/ul#	84
92) Dibenzo(a,h)anthracene	25.95	278	65832	1.940	ng/ul#	92
93) Benzo(g,h,i)perylene	26.66	276	213998	6.480	ng/ul#	88

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

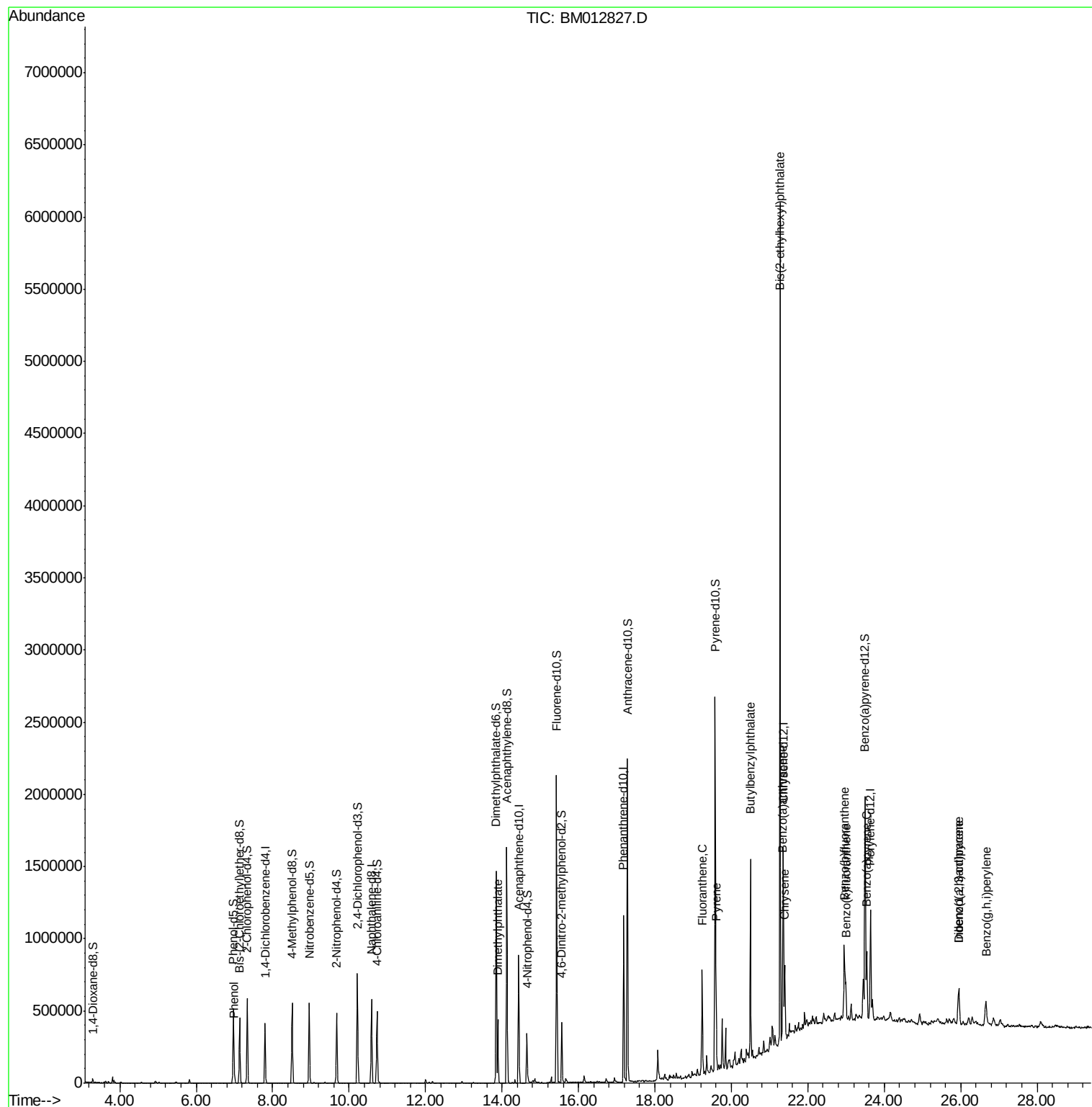
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012827.D
Acq On : 08 Nov 2017 18:44
Operator : SJ/JU
Sample : I5955-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

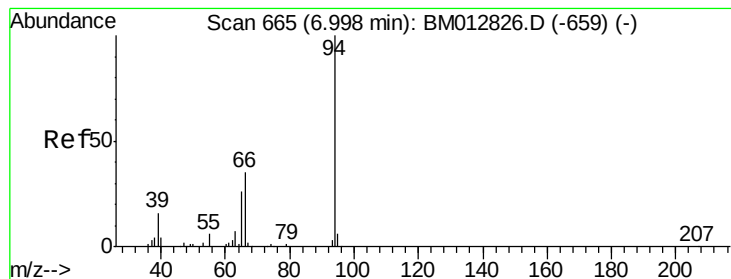
Instrument :
BNA_M
ClientSampleId :
B-17(5-6.5)-101717

Manual Integrations
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11/9/2017 3:48:39 PM

Quant Time: Nov 09 04:06:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:48:55 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.575 ng/ul

RT: 7.00 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Instrument :

BNA_M

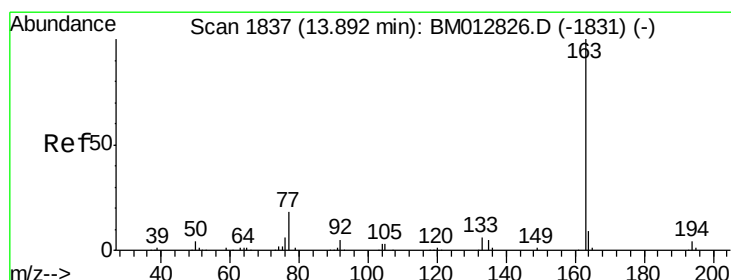
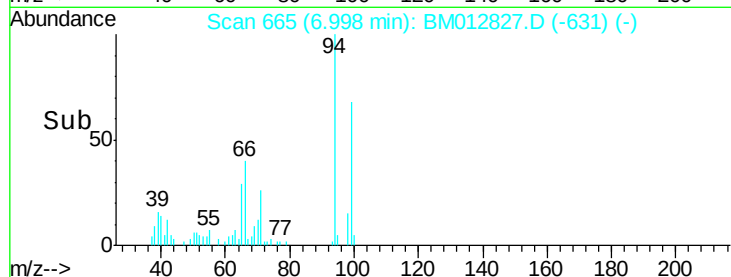
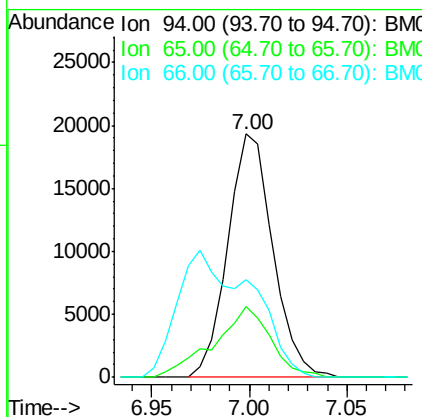
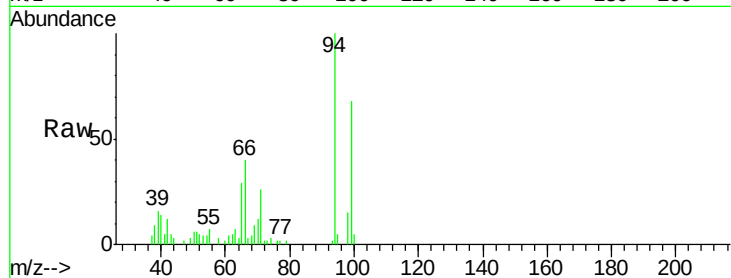
ClientSampleId :

B-17(5-6.5)-101717

Tgt Ion:	94	Resp:	30962
Ion	Ratio	Lower	Upper
94	100		
65	28.9	21.0	31.6
66	40.3	29.3	43.9

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#44

Dimethylphthalate

Concen: 11.658 ng/ul

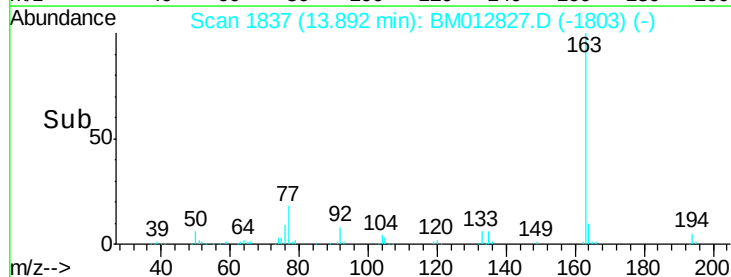
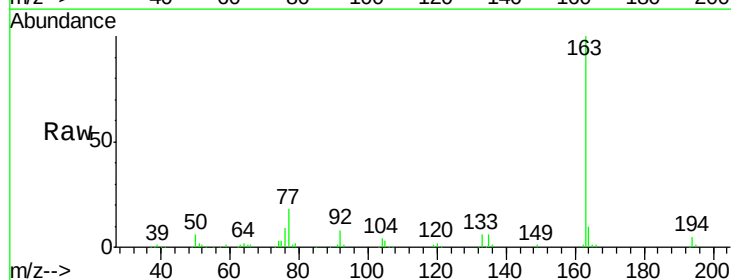
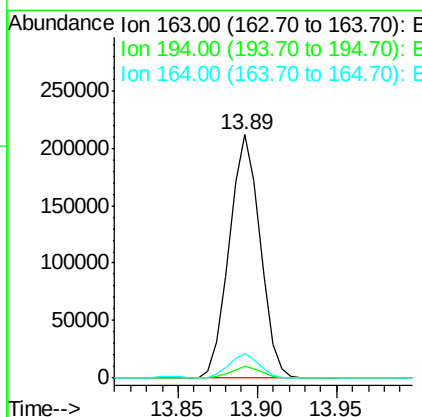
RT: 13.89 min Scan# 1837

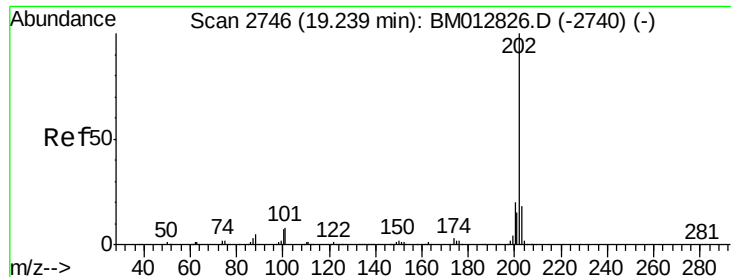
Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Tgt Ion:	163	Resp:	286278
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	10.0	7.8	11.8





#76

Fluoranthene

Concen: 8.902 ng/ul m

RT: 19.24 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Instrument :

BNA_M

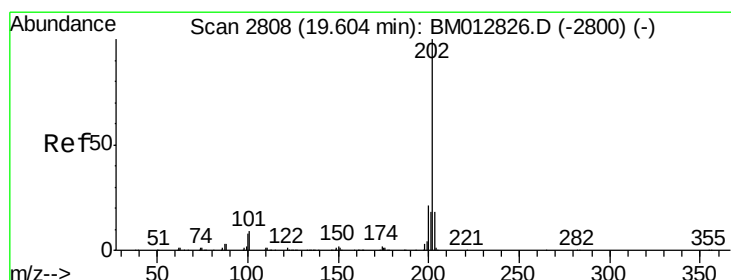
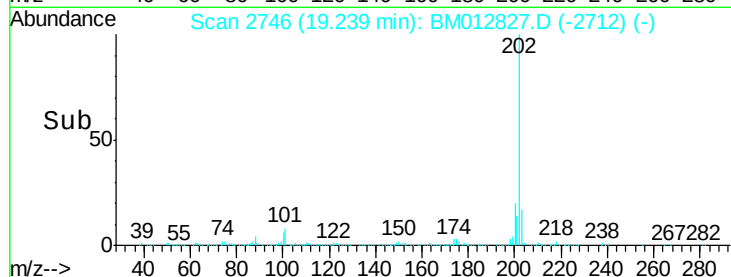
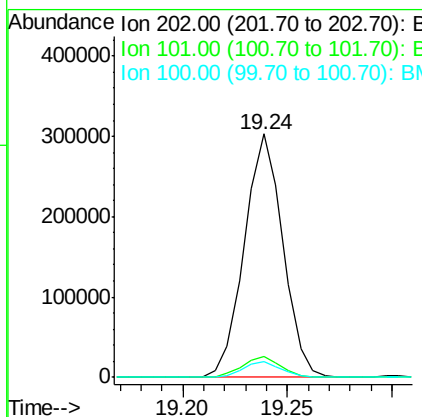
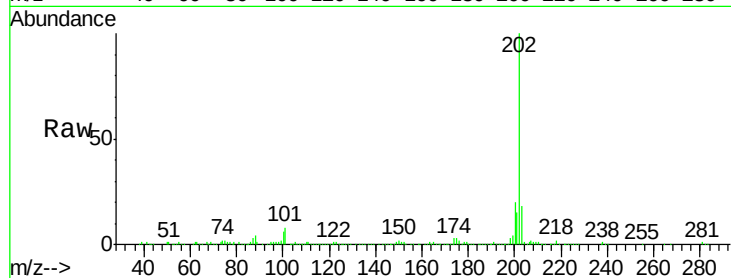
ClientSampleId :

B-17(5-6.5)-101717

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		390321		
101	8.4	8.8	13.2#		
100	6.4	6.6	9.8#		

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#79

Pyrene

Concen: 12.503 ng/ul

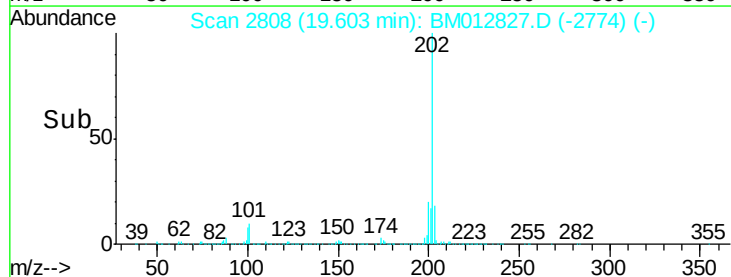
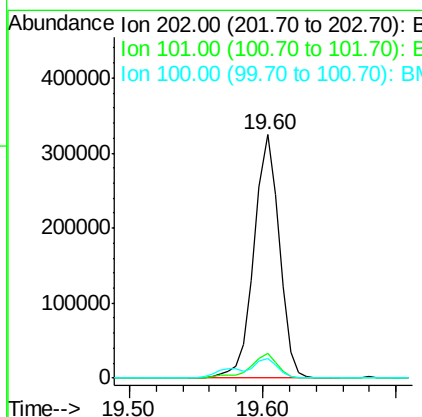
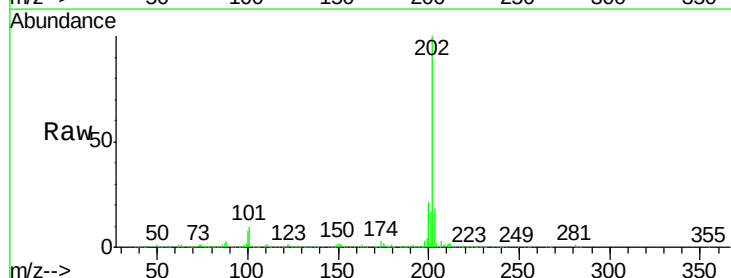
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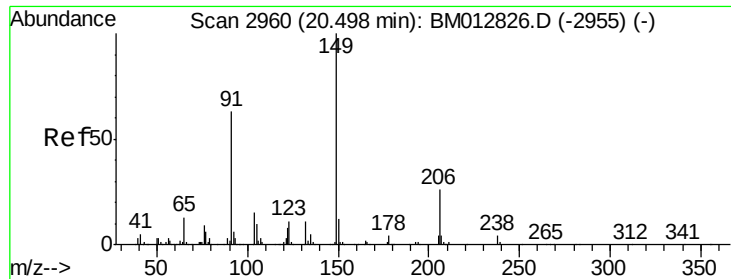
Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		423156		
101	10.1	10.2	15.2#		
100	8.3	8.5	12.7#		





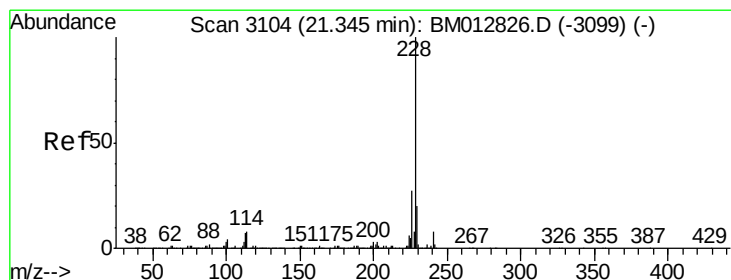
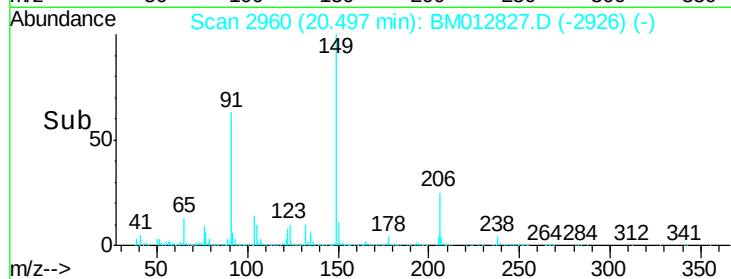
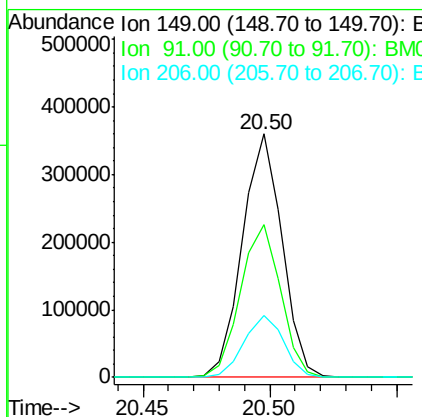
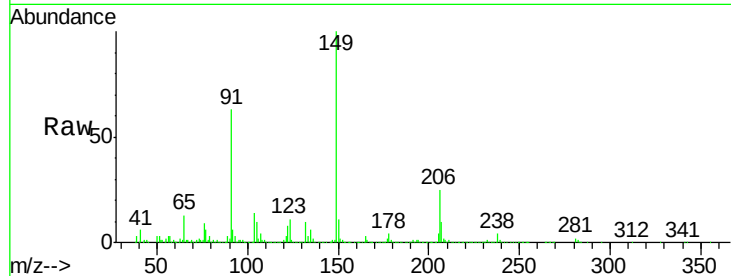
#80
Butylbenzylphthalate
Concen: 31.596 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BM012827.D
Acq: 08 Nov 2017 18:44

Instrument :
BNA_M
ClientSampleId :
B-17(5-6.5)-101717

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		389951		
91	62.8	53.4	80.2		
206	25.2	16.6	24.8		

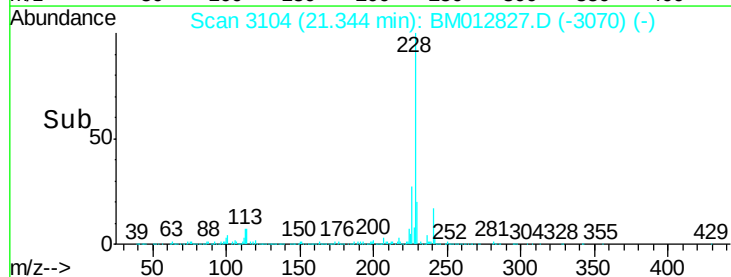
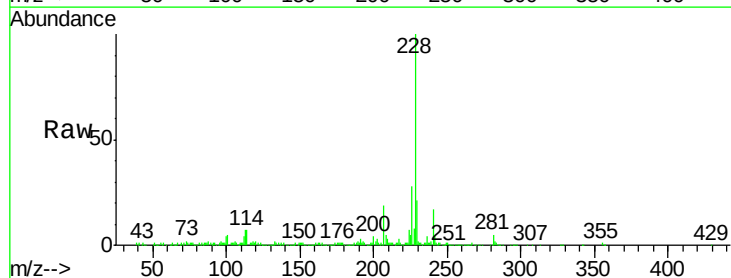
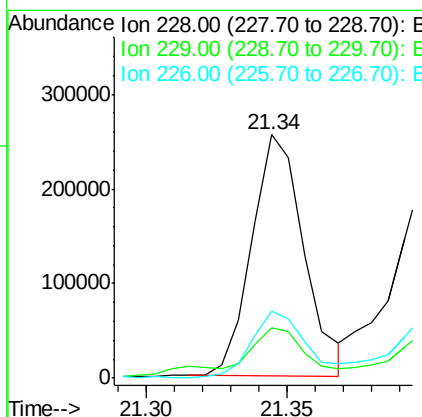
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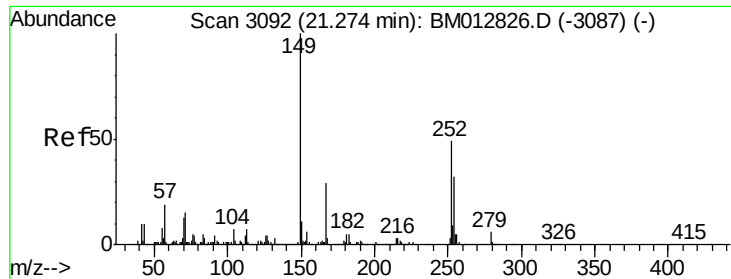
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#82
Benzo(a)anthracene
Concen: 9.524 ng/ul
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM012827.D
Acq: 08 Nov 2017 18:44

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		326929		
229	20.7	15.7	23.5		
226	27.5	21.8	32.6		





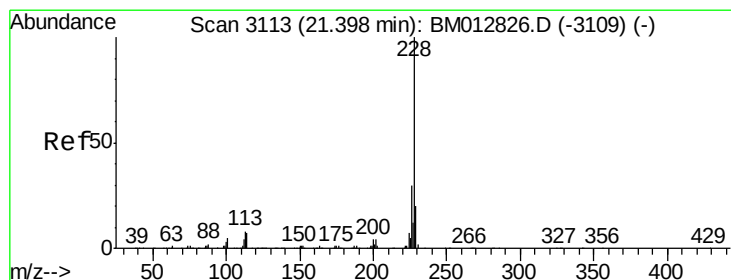
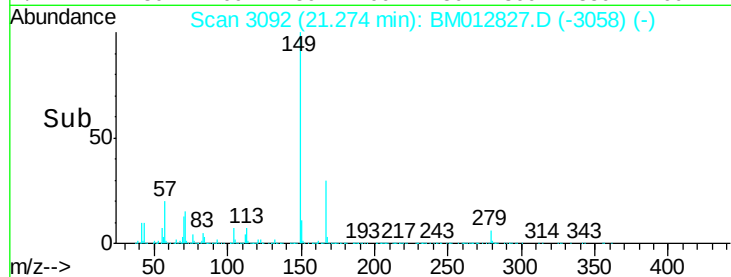
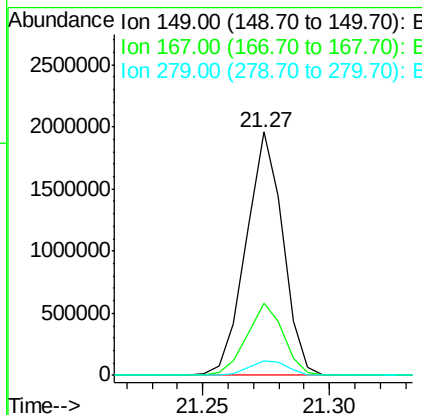
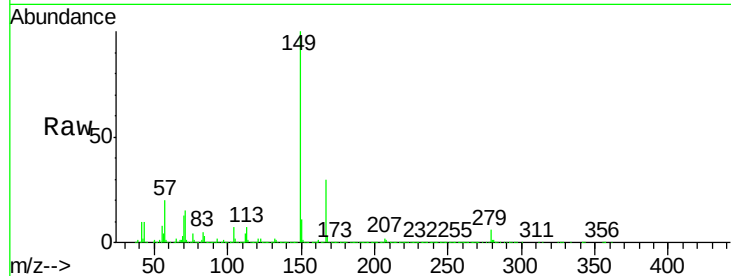
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 109.889 ng/ul
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BM012827.D
 Acq: 08 Nov 2017 18:44

Instrument :
 BNA_M
 ClientSampleId :
 B-17(5-6.5)-101717

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	21.6	32.4
279	6.0	3.0	4.4

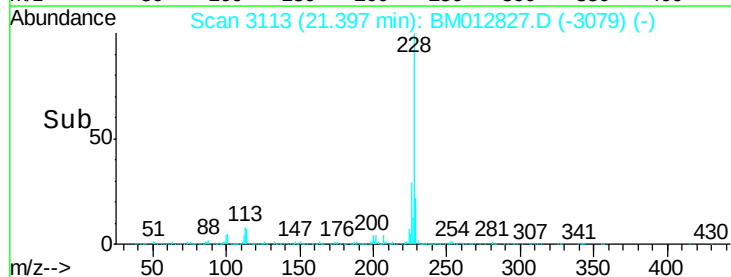
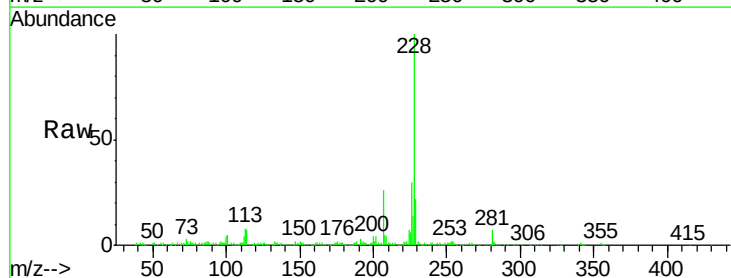
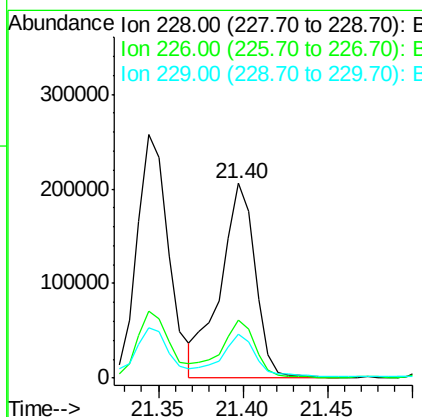
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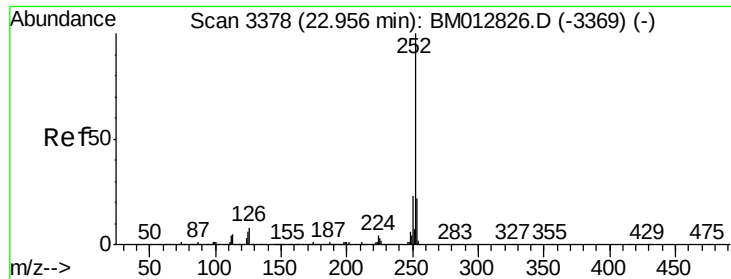
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#84
 Chrysene
 Concen: 9.451 ng/ul
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BM012827.D
 Acq: 08 Nov 2017 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	22.2	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 13.194 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Instrument :

BNA_M

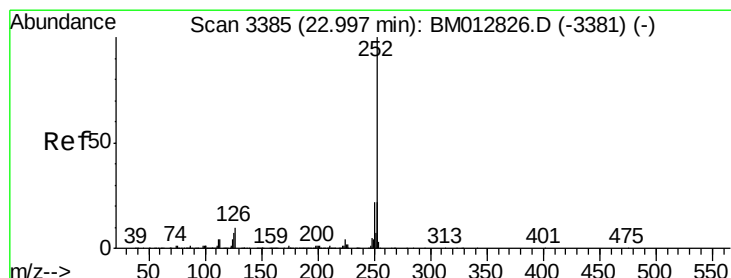
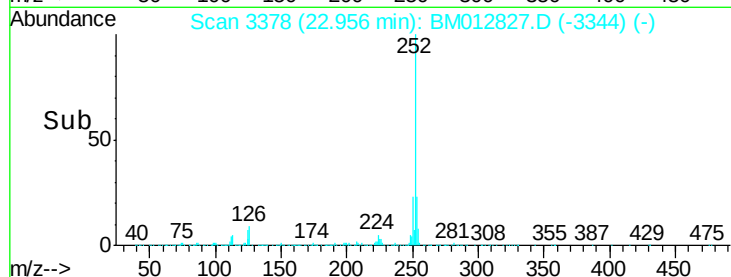
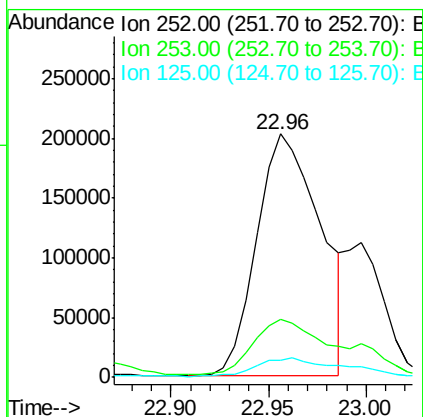
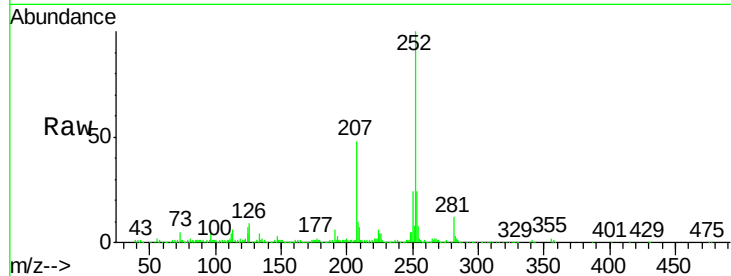
ClientSampleId :

B-17(5-6.5)-101717

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	461101		
253	24.0	17.5	26.3	
125	7.1	8.5	12.7	

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#88

Benzo(k)fluoranthene

Concen: 4.463 ng/ul m

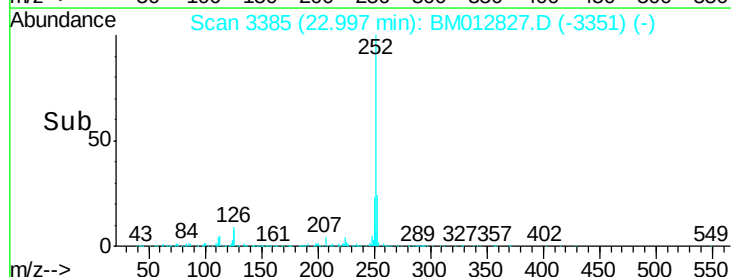
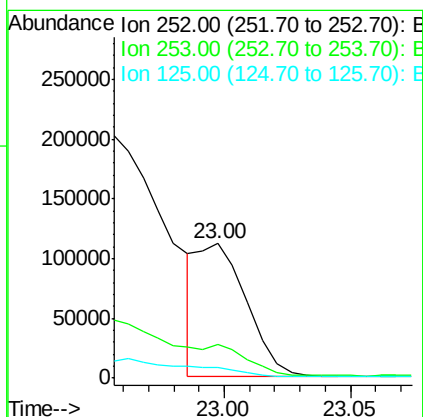
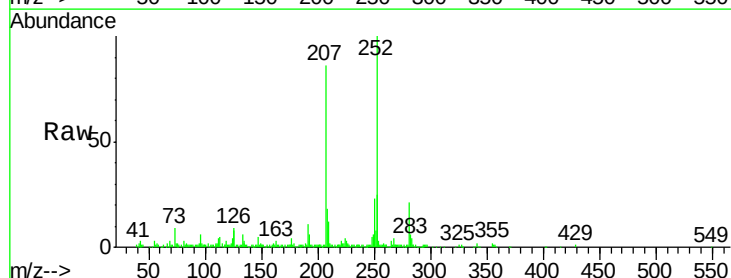
RT: 23.00 min Scan# 3385

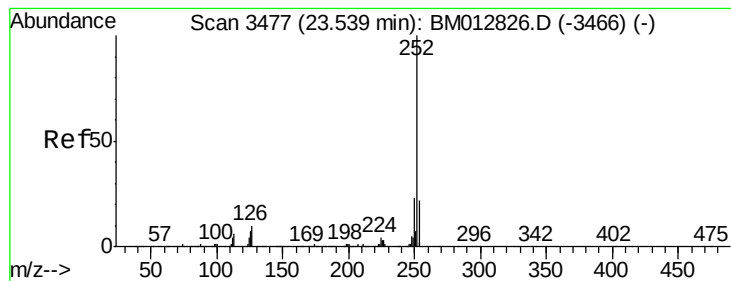
Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	148268		
253	24.7	17.3	25.9	
125	8.1	8.2	12.2	





#90

Benzo(a)pyrene

Concen: 10.102 ng/ul m

RT: 23.54 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BM012827.D

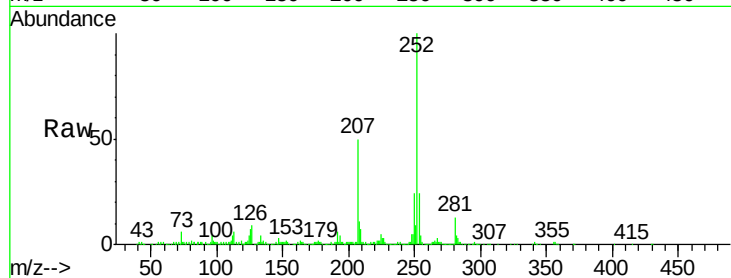
Acq: 08 Nov 2017 18:44

Instrument :

BNA_M

ClientSampleId :

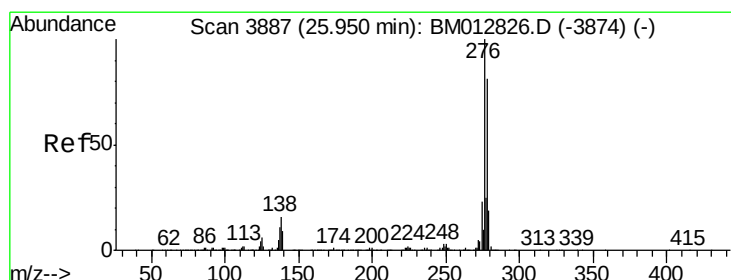
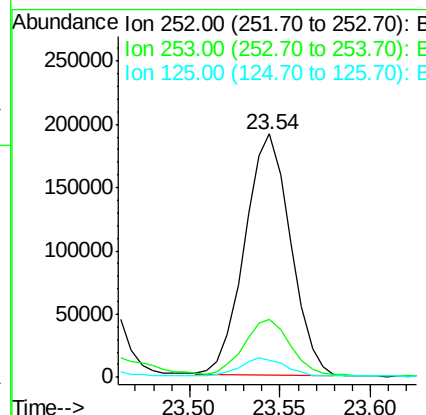
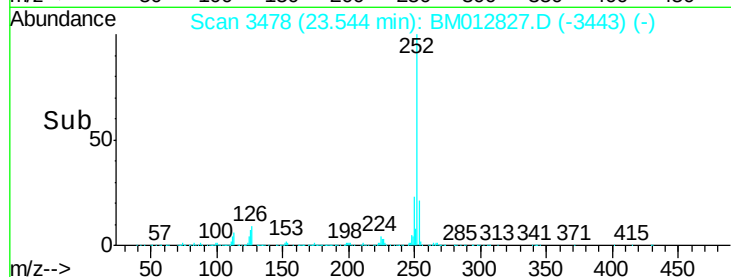
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	335939		
253	23.6	17.2	25.8	
125	7.2	9.0	13.6	

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#91

Indeno(1,2,3-cd)pyrene

Concen: 6.351 ng/ul

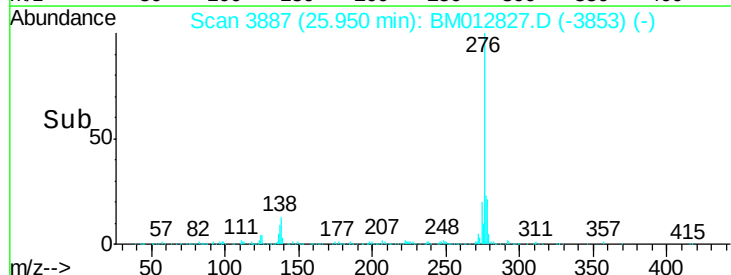
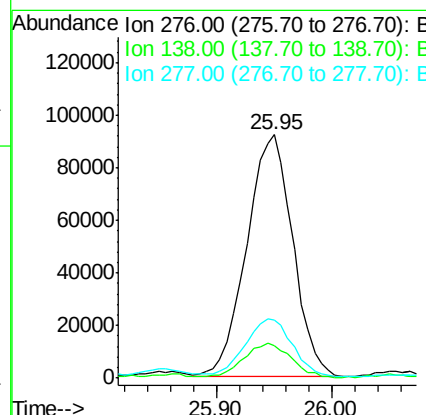
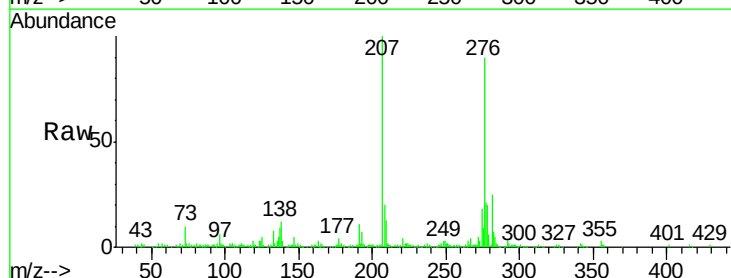
RT: 25.95 min Scan# 3887

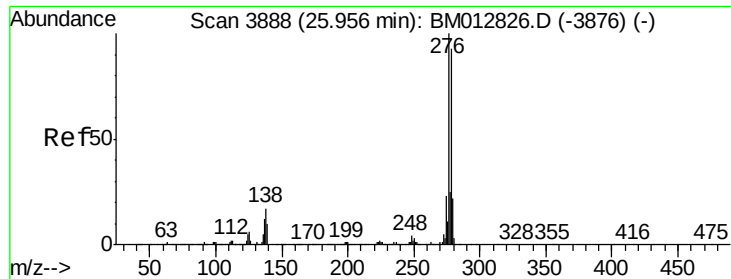
Delta R.T. -0.00 min

Lab File: BM012827.D

Acq: 08 Nov 2017 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	254546		
138	13.5	22.3	33.5	
277	23.6	20.2	30.2	





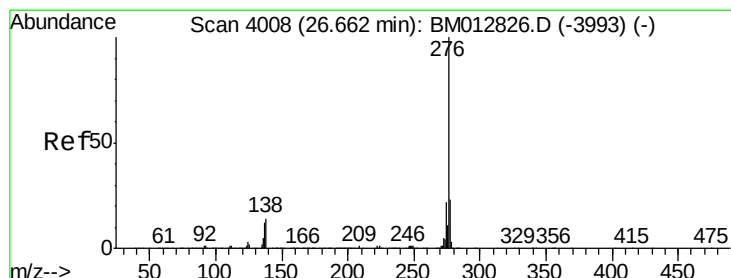
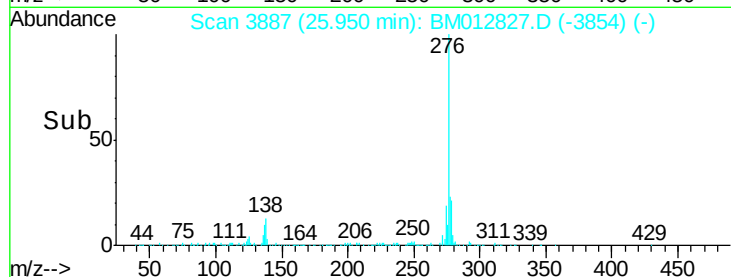
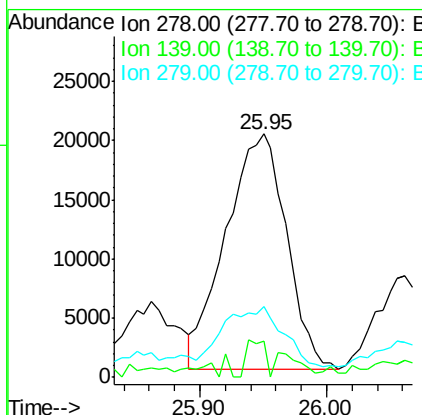
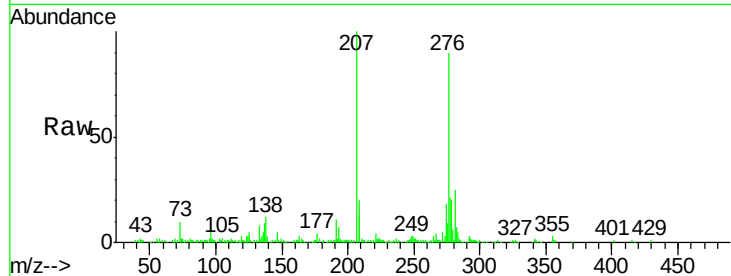
#92
Dibenzo(a,h)anthracene
Concen: 1.940 ng/ul
RT: 25.95 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM012827.D
Acq: 08 Nov 2017 18:44

Instrument :
BNA_M
ClientSampleId :
B-17(5-6.5)-101717

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.9	20.9
279	28.8	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/9/2017 3:48:39 PM



#93
Benzo(g,h,i)perylene
Concen: 6.480 ng/ul
RT: 26.66 min Scan# 4007
Delta R.T. -0.01 min
Lab File: BM012827.D
Acq: 08 Nov 2017 18:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.2	18.9	28.3
277	22.8	19.2	28.8

