

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012480.D
 Acq On : 27 Oct 2017 11:20
 Operator : SJ/JU
 Sample : I5873-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(2-4)_101117

Manual Integrations
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Quant Time: Oct 28 00:51:51 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	421815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1589526	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	917092	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2029072	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2251306	20.00	ng/ul	-0.01
83) Perylene-d12	23.71	264	2506617	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	56048	6.79	ng/uL	0.00
5) Phenol-d5	7.04	99	1015813	28.82	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	691437	33.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	802857	30.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	555465	18.44	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	419961	42.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	396101	38.62	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	743615	27.37	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	824805	28.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	2652373	33.11	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3387235	35.74	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.70	143	10182	0.85	ng/ul	0.00
57) Fluorene-d10	15.49	176	2307456	34.03	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.61	200	14729	1.50	ng/ul	-0.01
70) Anthracene-d10	17.34	188	3507385	36.27	ng/ul	-0.01
76) Pyrene-d10	19.63	212	3949633	38.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	4358687	36.60	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	7.07	94	227049	6.188	ng/ul#	84
44) Dimethylphthalate	13.96	163	1615445	20.384	ng/ul	99
69) Phenanthrene	17.28	178	403254	3.675	ng/ul	99
73) Di-n-butylphthalate	18.21	149	347006	2.897	ng/ul	98
74) Fluoranthene	19.29	202	644016	5.180	ng/ul#	92
77) Pyrene	19.66	202	634958	4.960	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	348681	2.586	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.33	149	1199735	15.634	ng/ul	99
82) Chrysene	21.44	228	404260	3.373	ng/ul#	93
85) Benzo(b)fluoranthene	23.02	252	530573	3.424	ng/ul#	79
88) Benzo(a)pyrene	23.61	252	378492	2.562	ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	26.05	276	286365	1.647	ng/ul#	89
91) Benzo(g,h,i)perylene	26.77	276	245749	1.744	ng/ul#	80

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

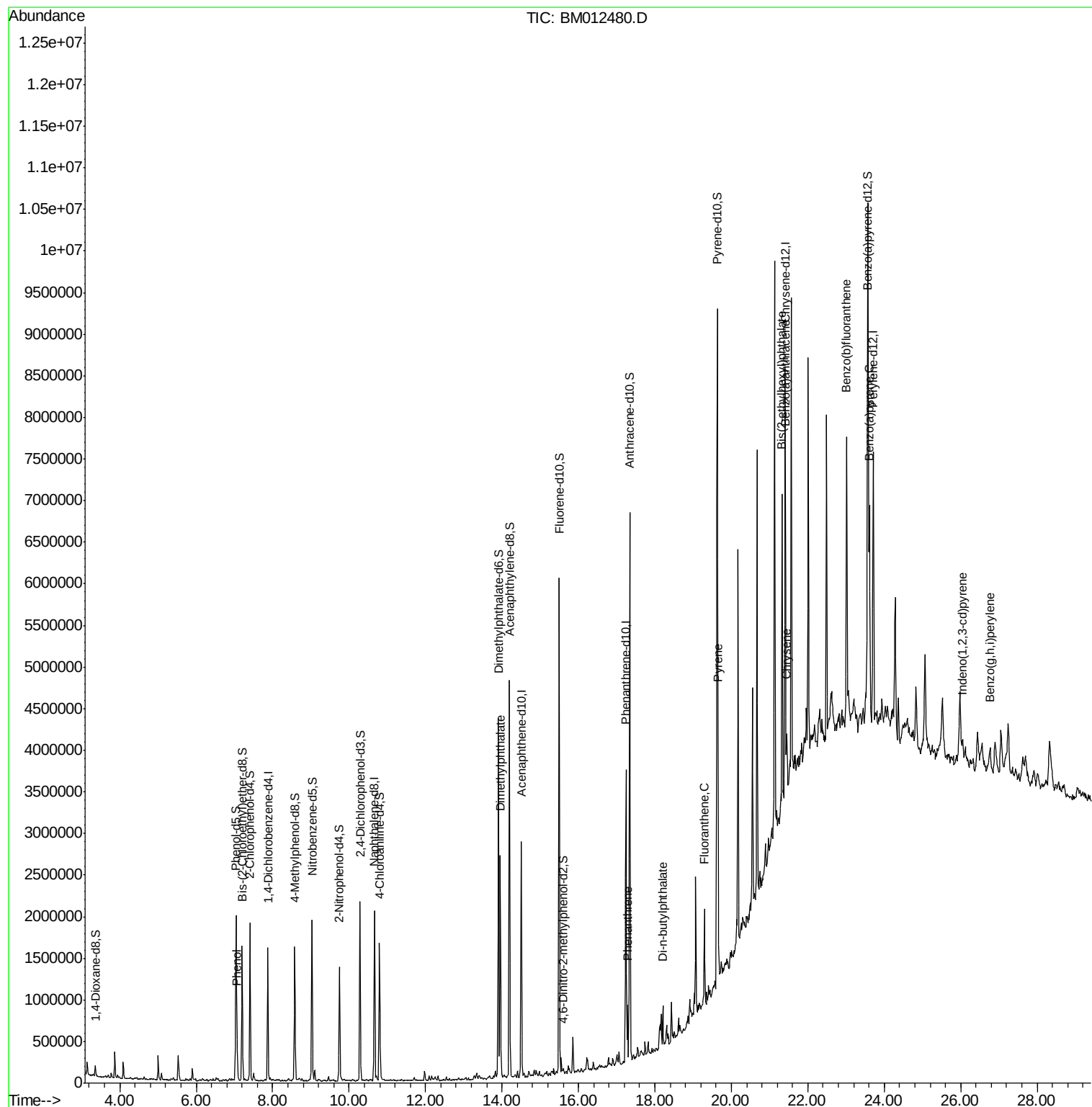
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012480.D
Acq On : 27 Oct 2017 11:20
Operator : SJ/JU
Sample : I5873-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

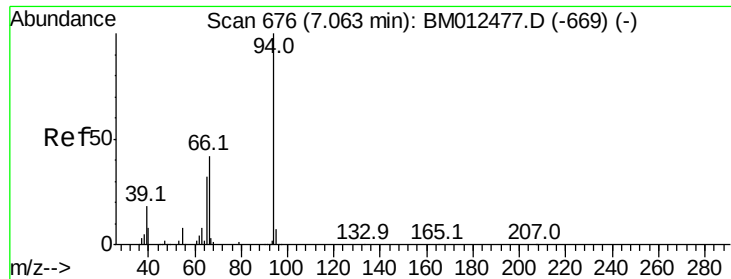
Instrument :
BNA_M
ClientSampleId :
B-19(2-4) 101117

Quant Time: Oct 28 00:51:51 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

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#6

Phenol

Concen: 6.188 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

ClientSampleId :

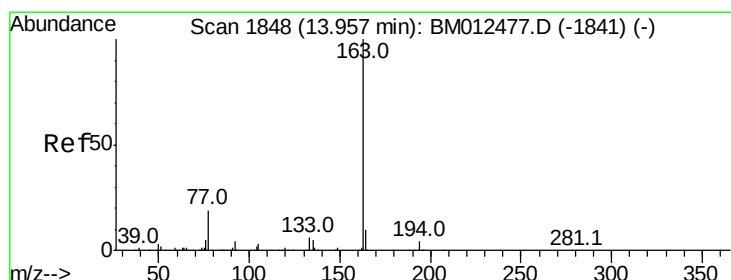
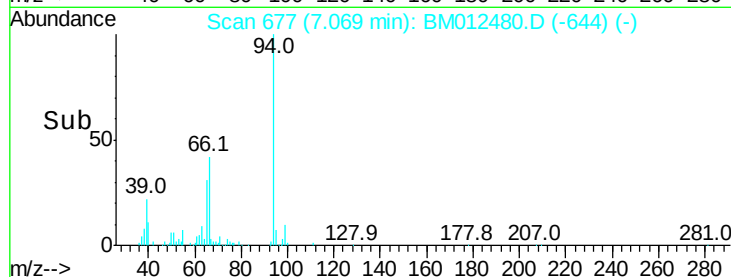
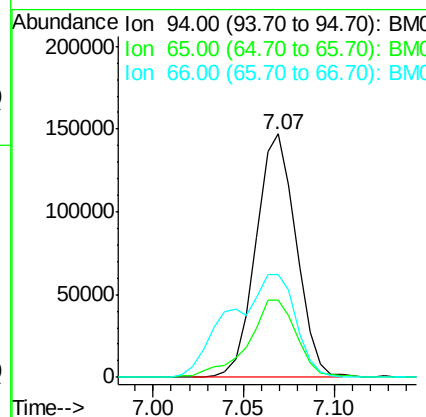
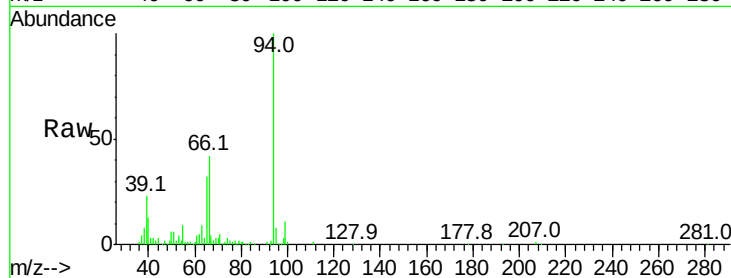
B-19(2-4)_101117

Tot Ion: 94 Resp: 227049

Ion	Ratio	Lower	Upper
94	100		
65	31.8	28.2	42.4
66	42.0	47.2	70.8#

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#44

Dimethylphthalate

Concen: 20.384 ng/ul

RT: 13.96 min Scan# 1848

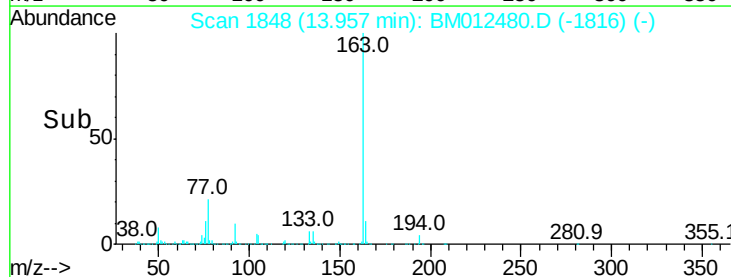
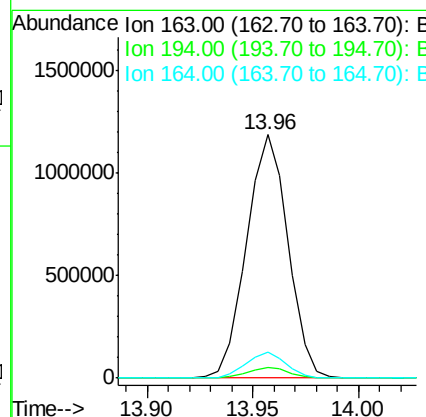
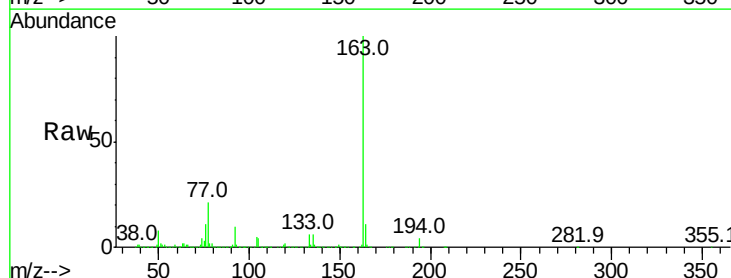
Delta R.T. -0.01 min

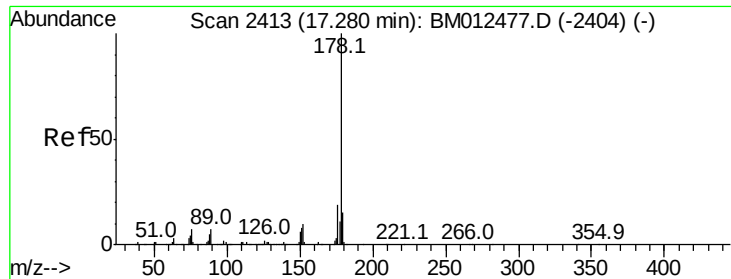
Lab File: BM012480.D

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Tgt Ion: 163 Resp: 1615445

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.7	8.2	12.4





#69

Phenanthrene

Concen: 3.675 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

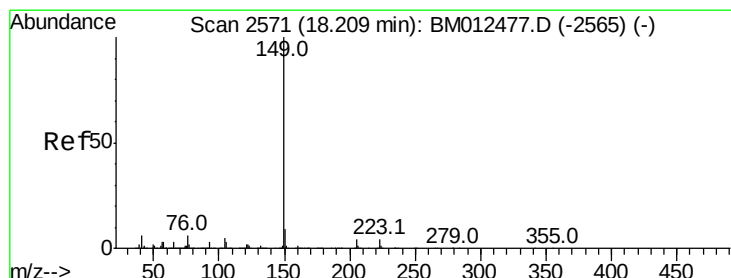
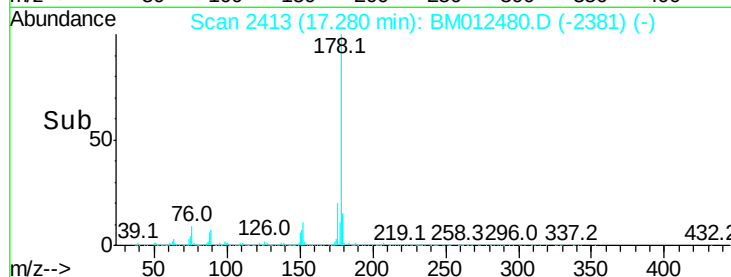
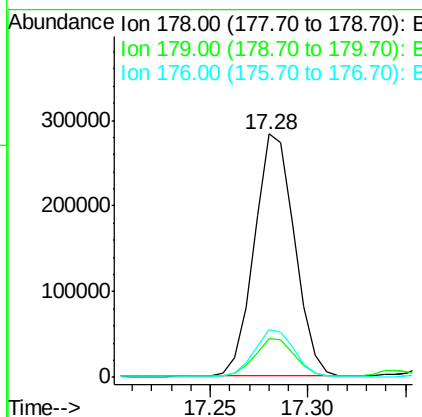
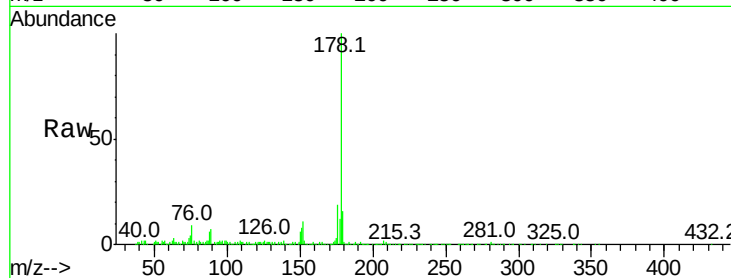
ClientSampleId :

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Tot Ion:	178	Resp:	403254
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.6	19.0
176	19.5	14.9	22.3

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#73

Di-n-butylphthalate

Concen: 2.897 ng/ul

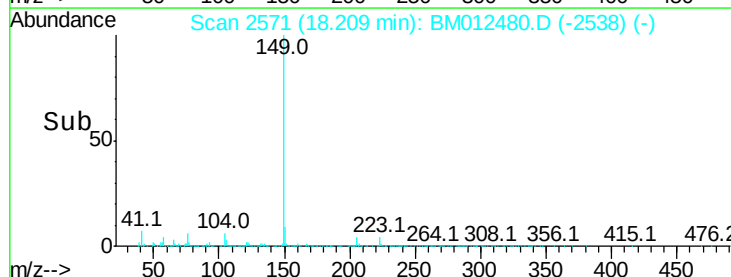
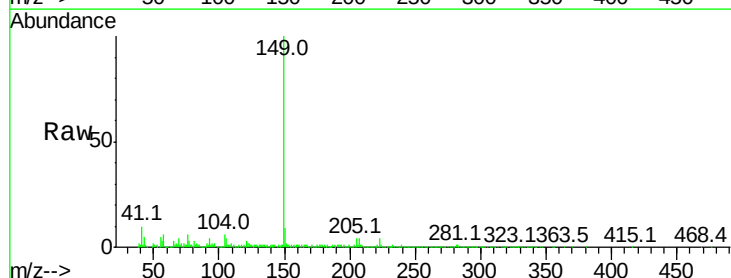
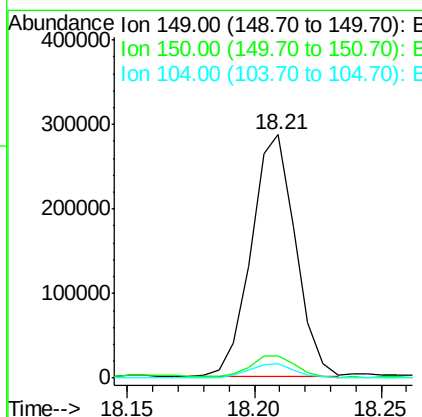
RT: 18.21 min Scan# 2571

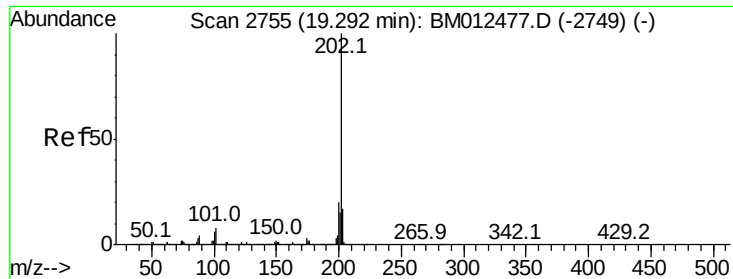
Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Tgt Ion:	149	Resp:	347006
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.1	10.7
104	6.1	5.6	8.4





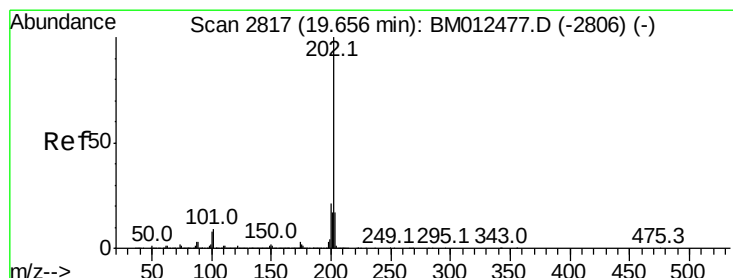
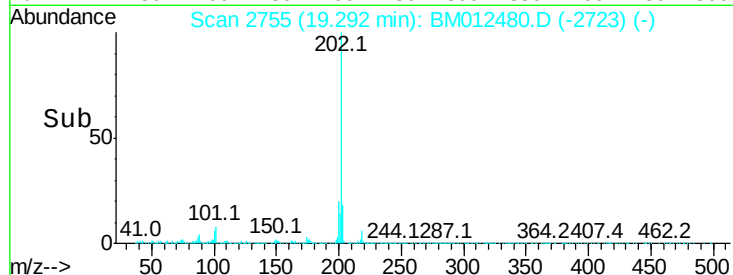
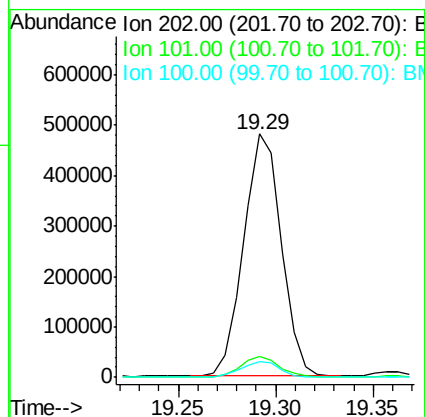
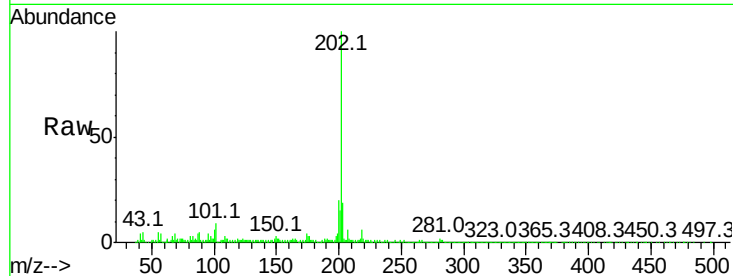
#74
 Fluoranthene
 Concen: 5.180 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.01 min
 Lab File: BM012480.D
 Acq: 27 Oct 2017 11:20

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.5	3.4	5.2#

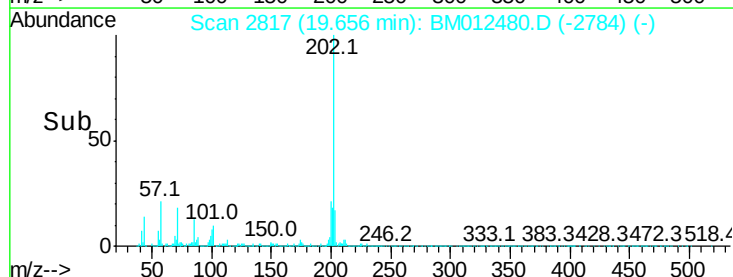
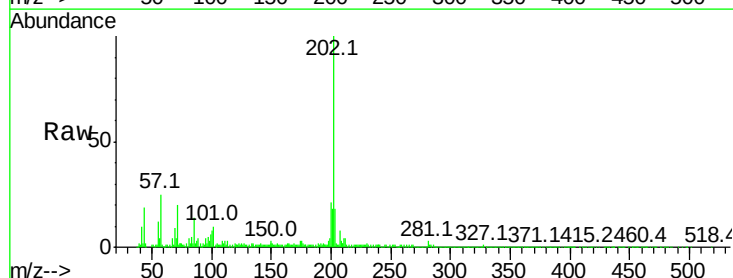
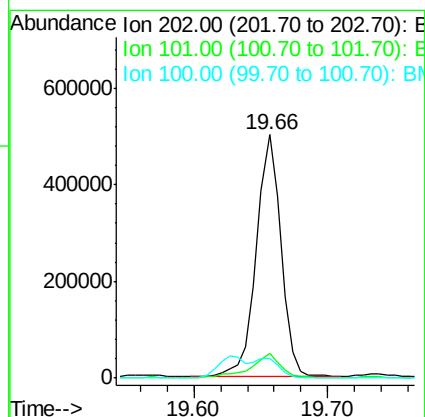
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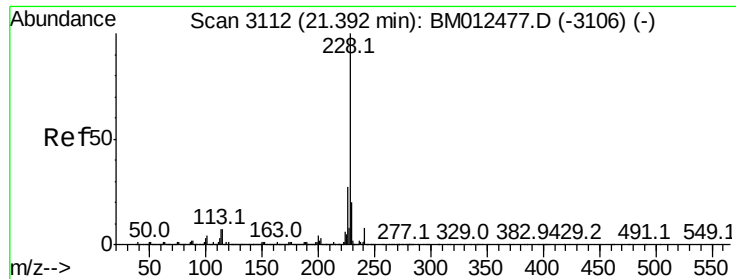
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#77
 Pyrene
 Concen: 4.960 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BM012480.D
 Acq: 27 Oct 2017 11:20

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	5.1	7.7#
100	7.9	4.9	7.3#





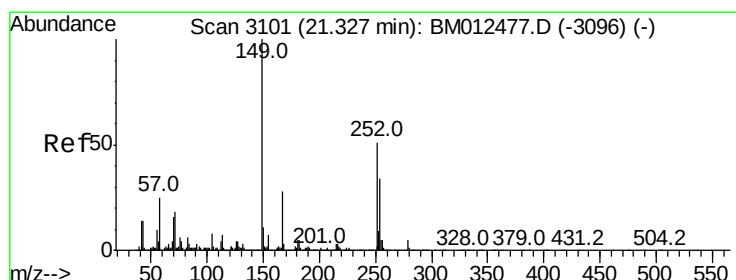
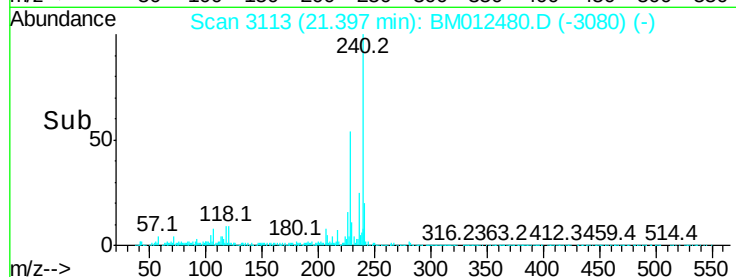
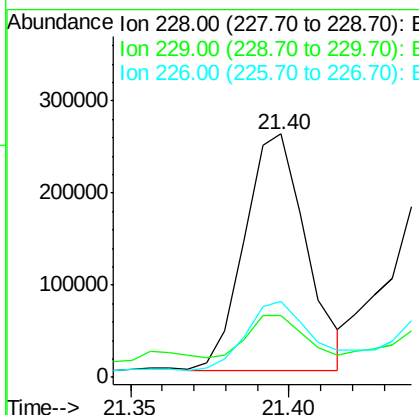
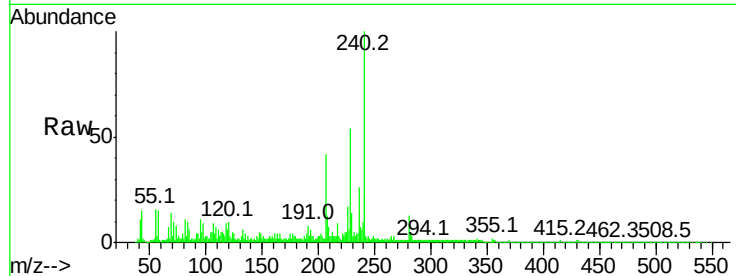
#80
Benzo(a)anthracene
Concen: 2.586 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM012480.D
Acq: 27 Oct 2017 11:20

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
228	100		
229	25.4	15.4	23.0#
226	31.2	21.4	32.0

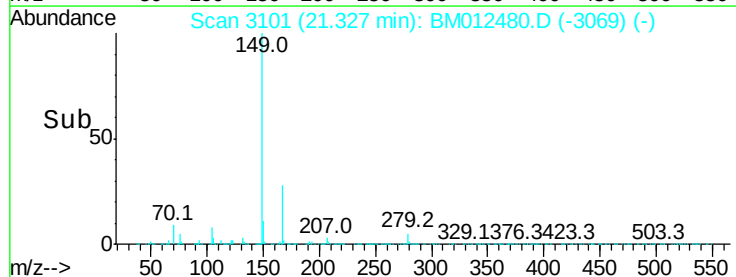
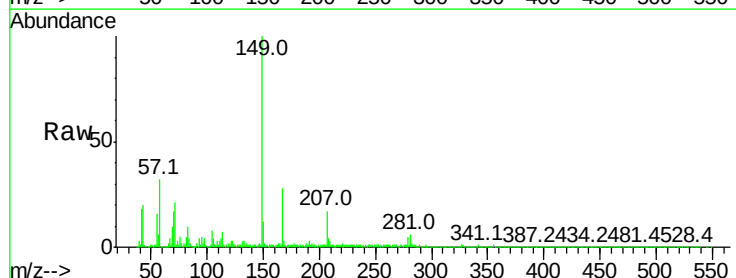
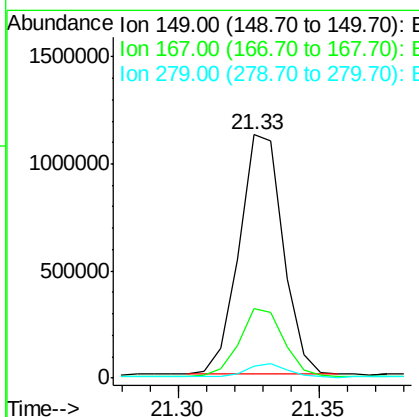
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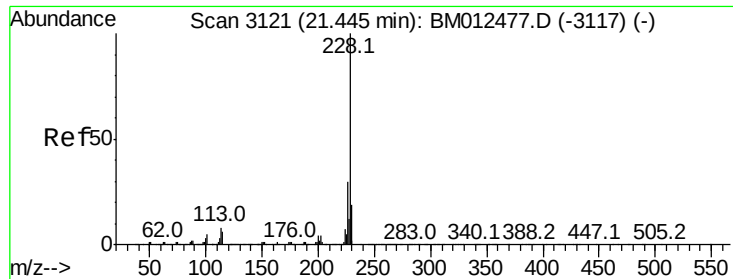
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#81
Bis(2-ethylhexyl)phthalate
Concen: 15.634 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM012480.D
Acq: 27 Oct 2017 11:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	28.4	22.8	34.2
279	5.0	4.9	7.3





#82

Chrysene

Concen: 3.373 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

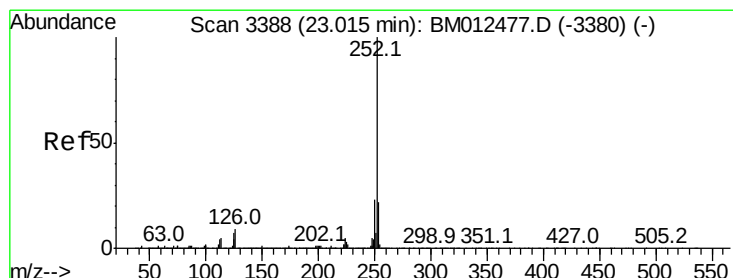
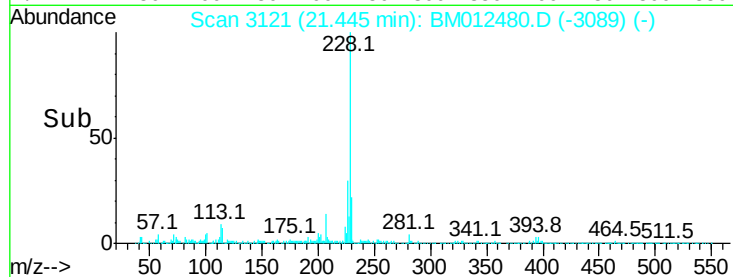
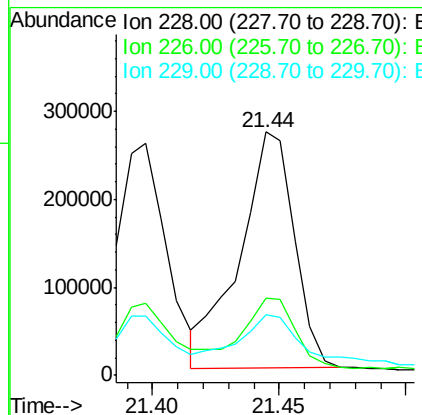
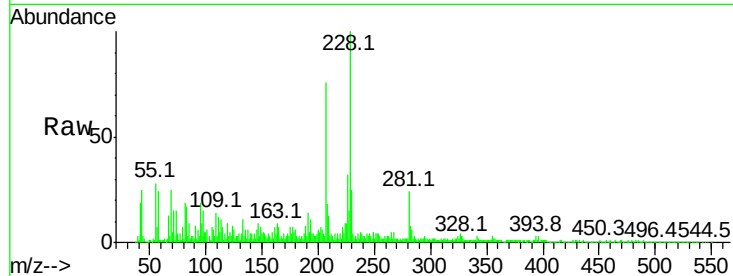
ClientSampleId :

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Tot Ion:	228	Resp:	404260
Ion Ratio		Lower	Upper
228	100		
226	31.5	23.4	35.2
229	24.6	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 3.424 ng/ul

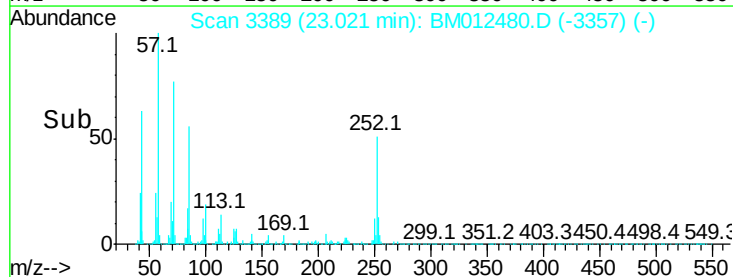
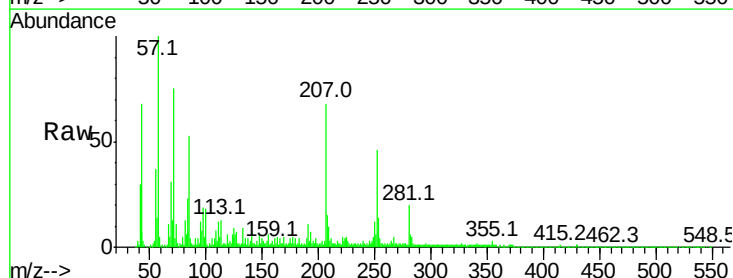
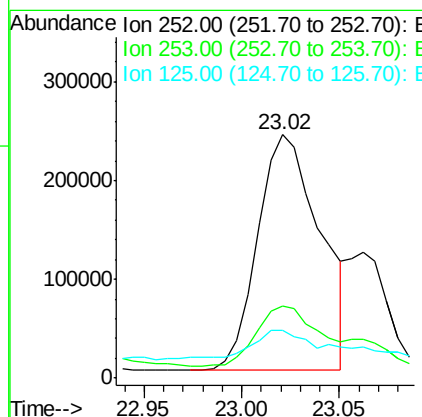
RT: 23.02 min Scan# 3389

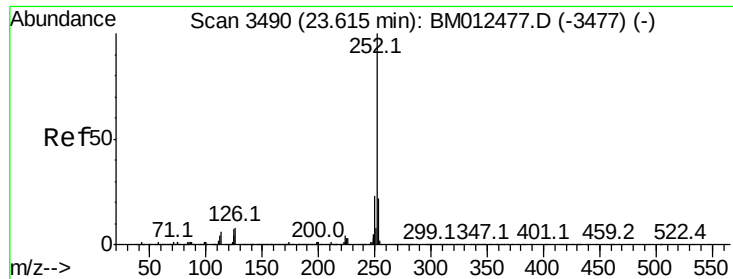
Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Tgt Ion:	252	Resp:	530573
Ion Ratio		Lower	Upper
252	100		
253	29.9	17.9	26.9#
125	19.7	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 2.562 ng/ul

RT: 23.61 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

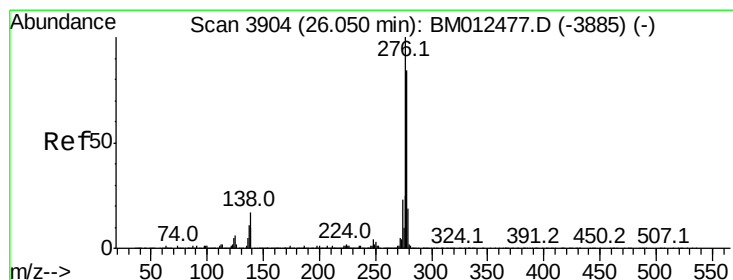
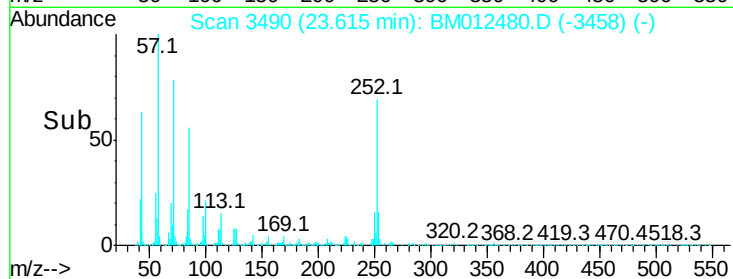
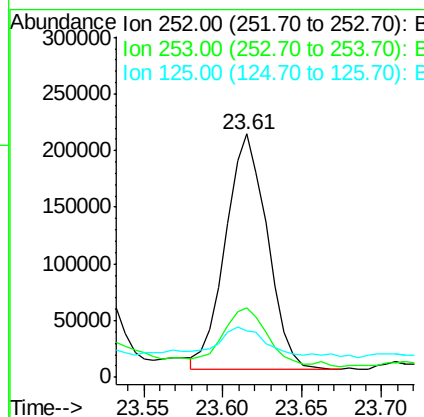
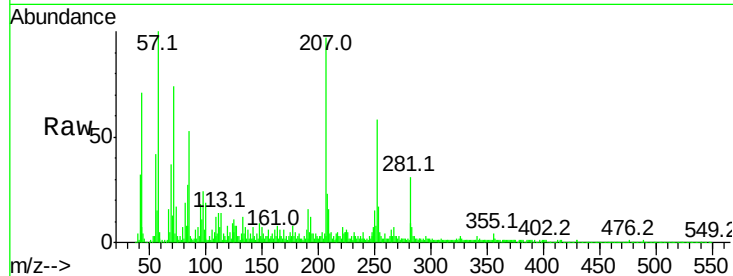
ClientSampleId :

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Tot Ion:	252	Resp:	378492
Ion Ratio	Lower	Upper	
252	100		
253	28.8	18.2	27.2#
125	19.2	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.647 ng/ul

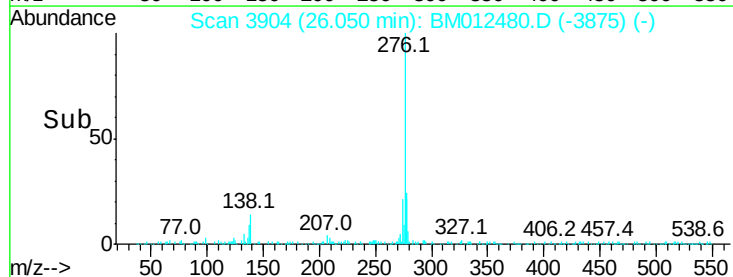
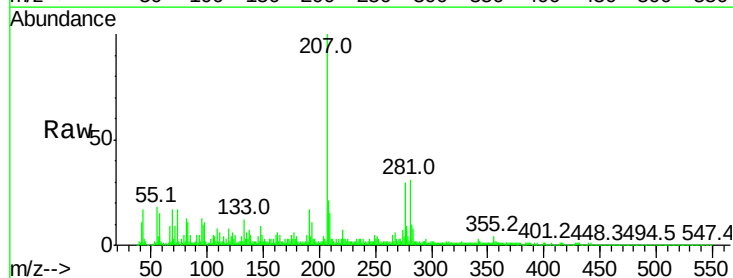
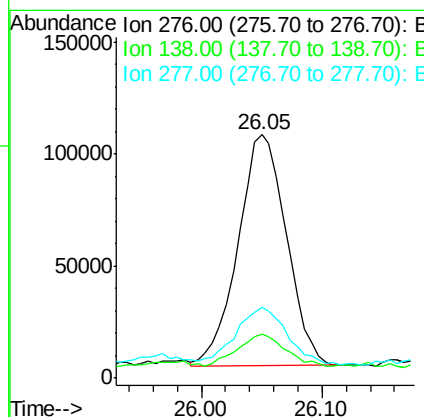
RT: 26.05 min Scan# 3904

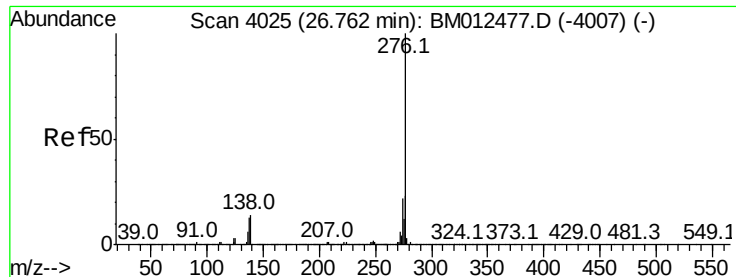
Delta R.T. -0.03 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Tgt Ion:	276	Resp:	286365
Ion Ratio	Lower	Upper	
276	100		
138	17.8	9.3	13.9#
277	29.1	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 1.744 ng/ul
 RT: 26.77 min Scan# 4026
 Delta R.T. -0.03 min
 Lab File: BM012480.D
 Acq: 27 Oct 2017 11:20

Instrument :
 BNA_M
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Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	22.3	8.5	12.7#
277	30.6	18.6	28.0#

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