

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013977.D
 Acq On : 30 Jan 2018 02:41
 Operator : SJ/JU
 Sample : J1295-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C12

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:27 PM

Quant Time: Jan 30 04:13:11 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 02:42:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	99537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	406912	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	258285	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	620920	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	758159	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	766069	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	7606	3.02	ng/uL	0.00
5) Phenol-d5	6.76	99	145857	19.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	90484	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	125914	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	121749	20.73	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	64515	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	76117	22.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	136230	21.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	152463	27.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	538962	25.32	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	640004	23.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	61286m	17.72	ng/ul	0.01
57) Fluorene-d10	15.22	176	473238	25.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	73852	19.76	ng/ul	0.00
70) Anthracene-d10	17.07	188	788614m	26.08	ng/ul	0.00
76) Pyrene-d10	19.38	212	979854	27.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	971785	27.60	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.79	94	10168	1.327	ng/ul#	71
44) Dimethylphthalate	13.69	163	83694	3.999	ng/ul	97
47) Acenaphthylene	13.94	152	36091	1.453	ng/ul#	93
68) Pentachlorophenol	16.64	266	34949	8.331	ng/ul#	86
74) Fluoranthene	19.04	202	1091859	26.502	ng/ul	98
77) Pyrene	19.41	202	1594531	34.595	ng/ul#	96
80) Benzo(a)anthracene	21.16	228	324366	7.080	ng/ul	98
82) Chrysene	21.22	228	588758	14.009	ng/ul	98
85) Benzo(b)fluoranthene	22.71	252	600936	12.773	ng/ul#	99
86) Benzo(k)fluoranthene	22.75	252	166467m	3.661	ng/ul	
88) Benzo(a)pyrene	23.27	252	222193	4.999	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.54	276	135965	2.592	ng/ul	97
91) Benzo(g,h,i)perylene	26.21	276	94071	2.179	ng/ul	100

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

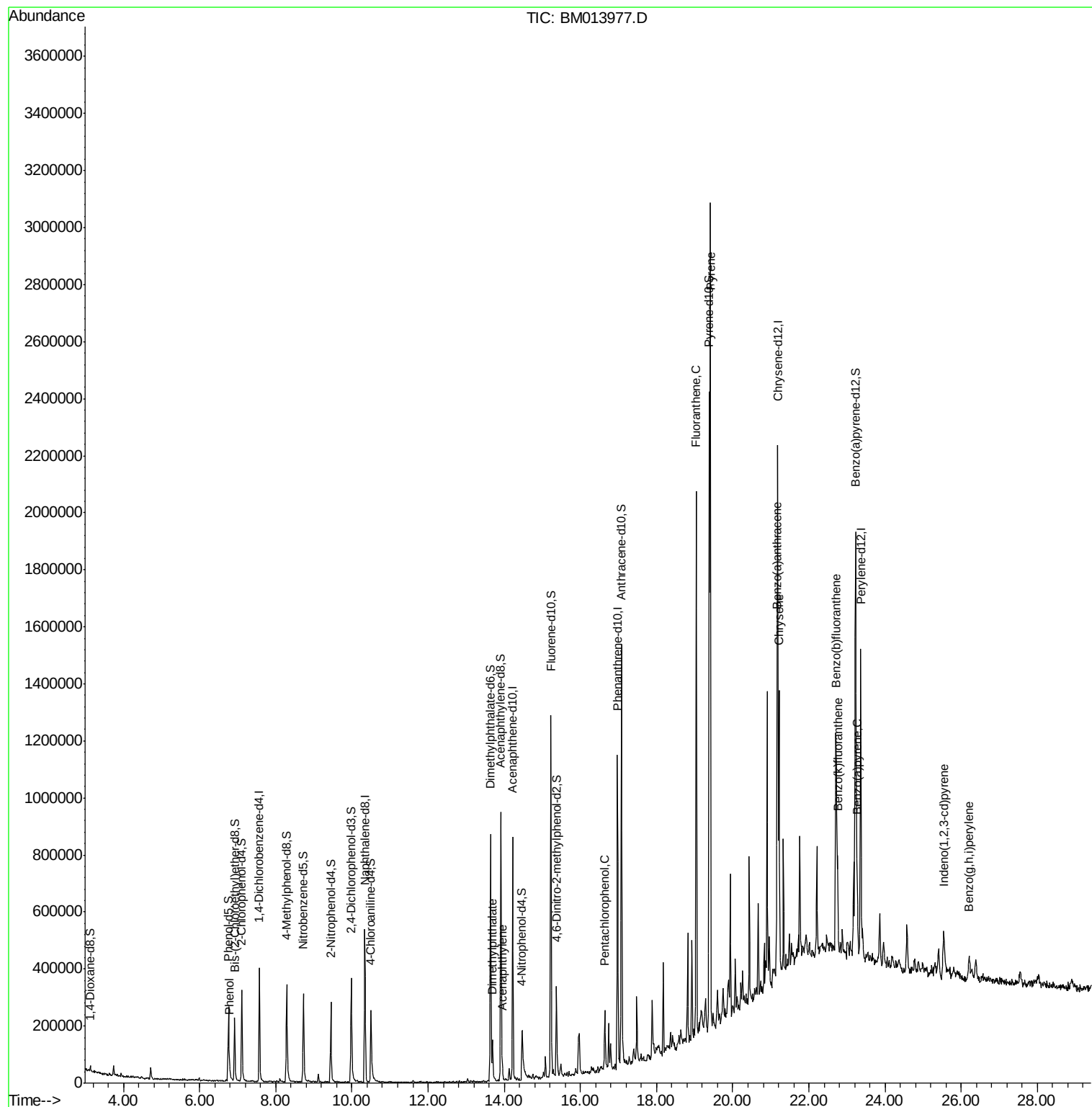
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013977.D
Acq On : 30 Jan 2018 02:41
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Sample : J1295-14
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ALS Vial : 23 Sample Multiplier: 1

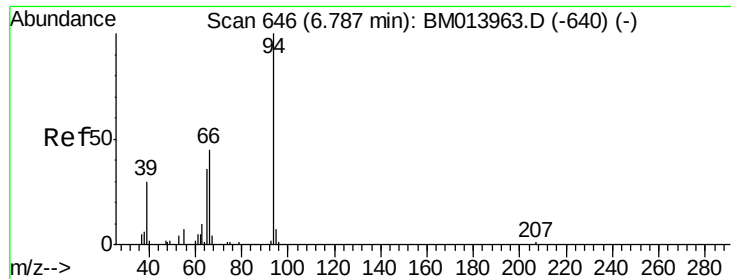
Instrument :
BNA_M
ClientSampleId :
F6C12

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Quant Time: Jan 30 04:13:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

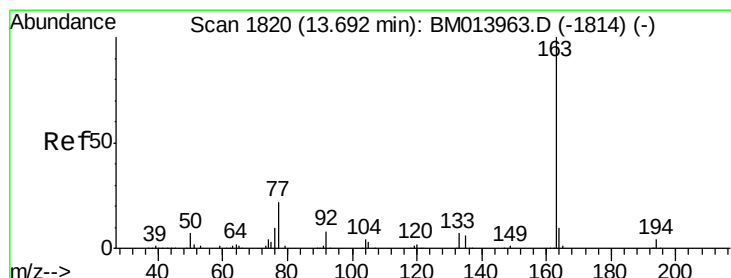
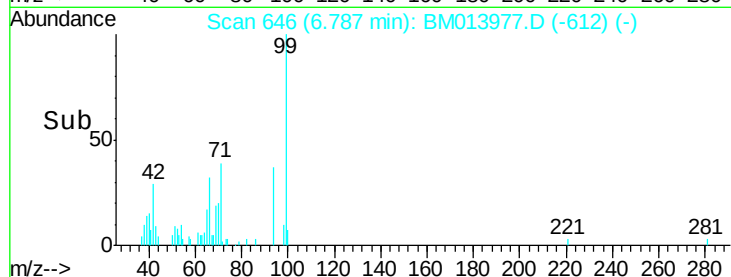
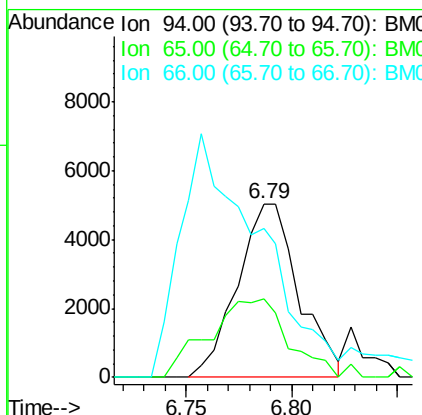
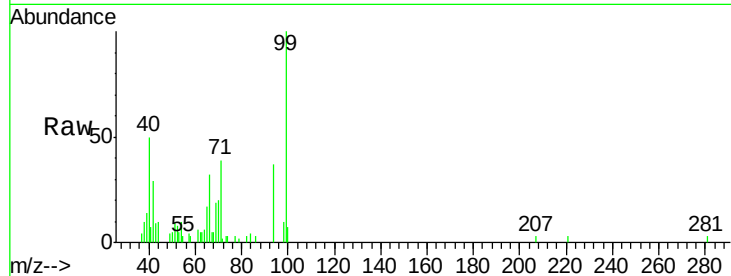
Concen: 1.327 ng/ul
 RT: 6.79 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BM013977.D
 Acq: 30 Jan 2018 02:41

Instrument :
 BNA_M
 ClientSampleId :
 F6C12

Tot Ion	Ratio	Lower	Upper
94	100		
65	45.0	28.2	42.4#
66	86.1	47.2	70.8#

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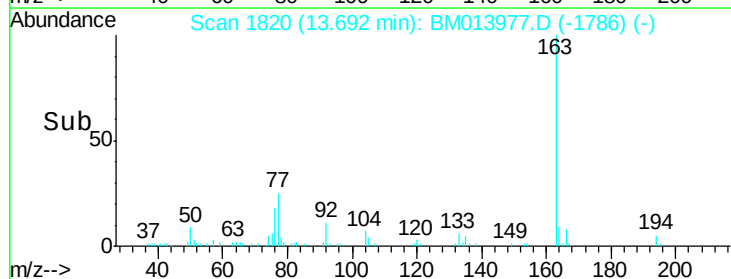
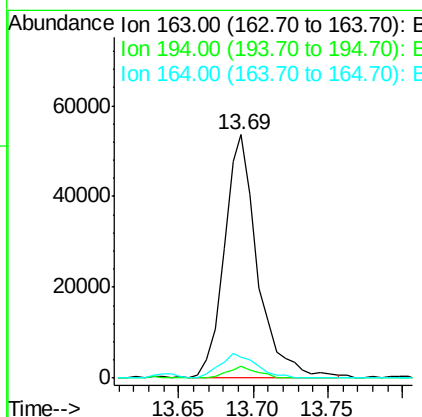
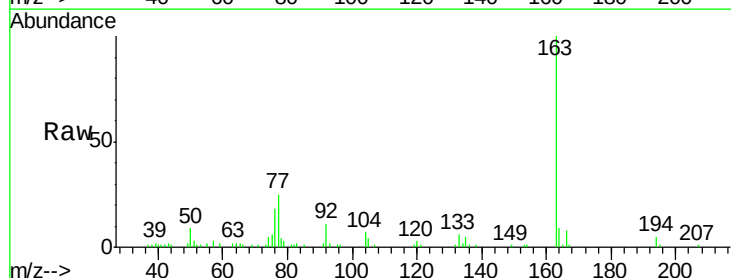


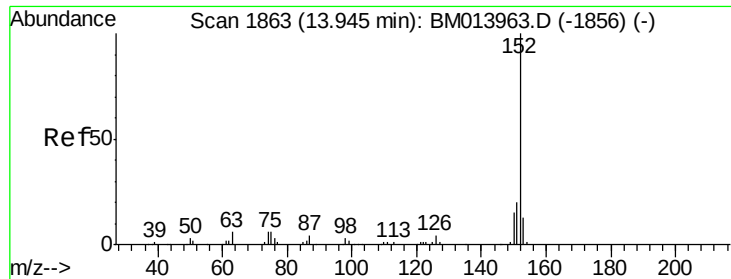
#44

Dimethylphthalate

Concen: 3.999 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BM013977.D
 Acq: 30 Jan 2018 02:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	8.8	8.2	12.4





#47

Acenaphthylene

Concen: 1.453 ng/ul

RT: 13.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Instrument :

BNA_M

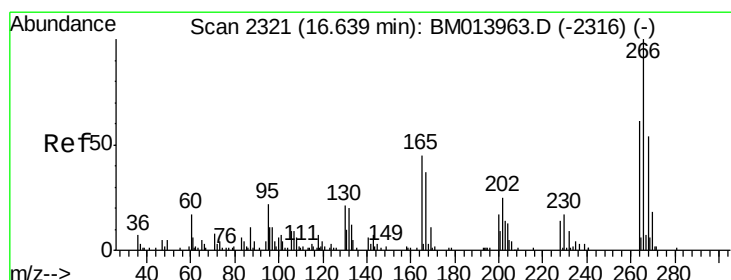
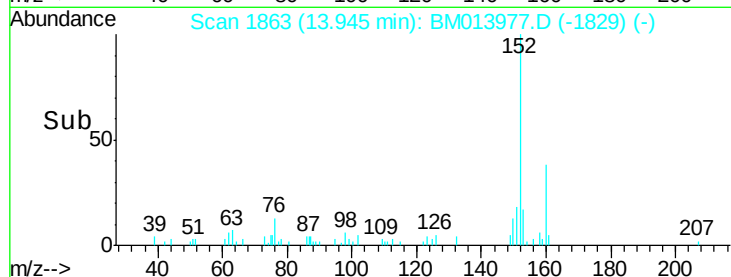
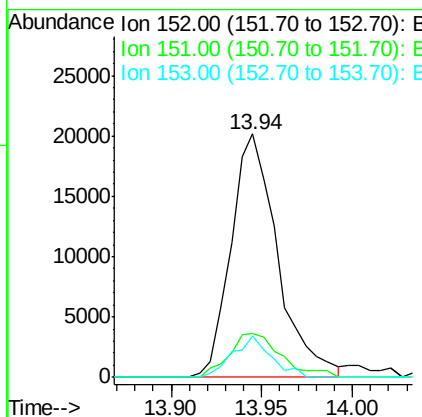
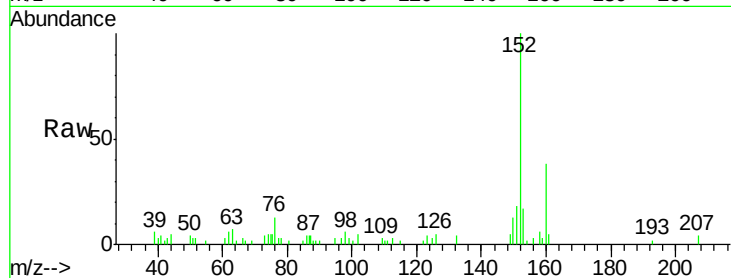
ClientSampled :

F6C12

Tot Ion:	152	Resp:	36091
Ion Ratio	Lower	Upper	
152	100		
151	18.3	16.3	24.5
153	16.7	10.2	15.4

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#68

Pentachlorophenol

Concen: 8.331 ng/ul

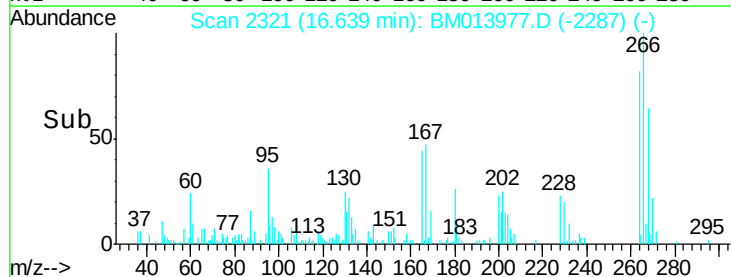
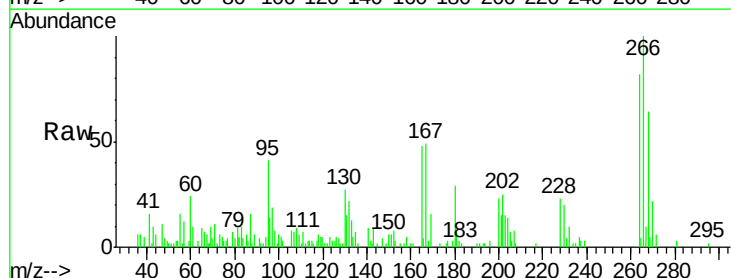
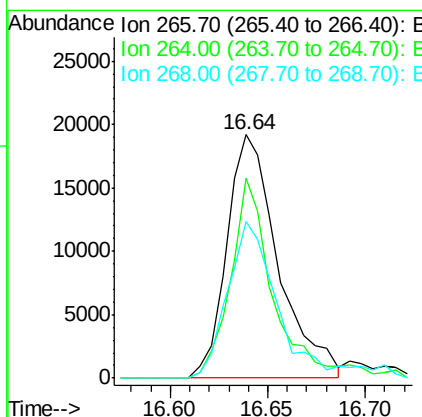
RT: 16.64 min Scan# 2321

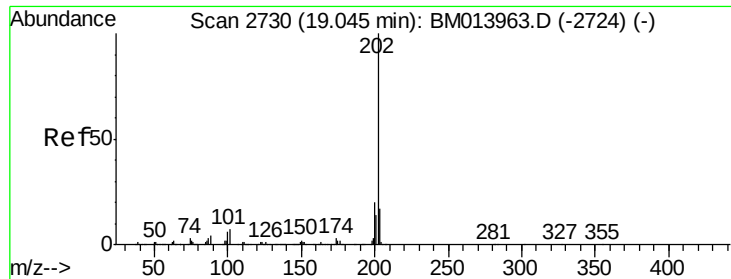
Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Tgt Ion:	266	Resp:	34949
Ion Ratio	Lower	Upper	
266	100		
264	82.1	49.3	73.9
268	64.4	52.6	78.8





#74

Fluoranthene

Concen: 26.502 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Instrument :

BNA_M

ClientSampled :

F6C12

Tot Ion:202 Resp: 1091859

Ion Ratio Lower Upper

202 100

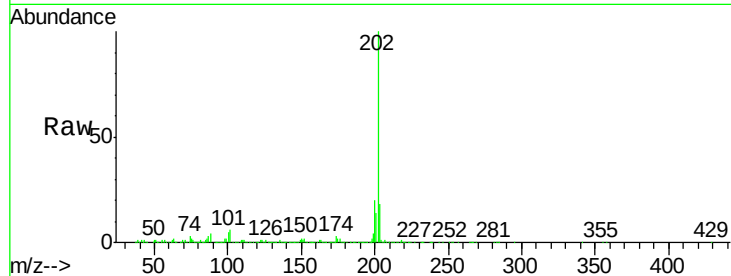
101 6.2 4.6 7.0

100 5.1 3.4 5.2

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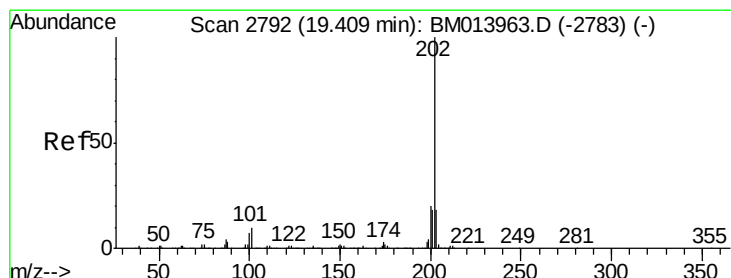
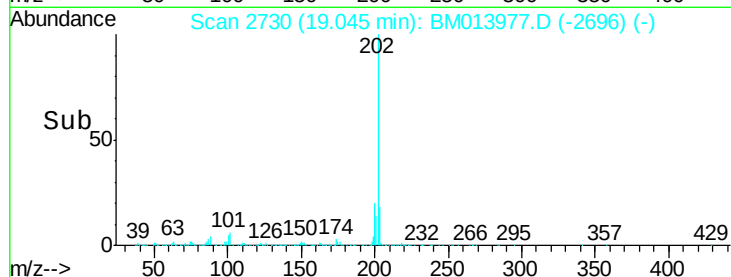
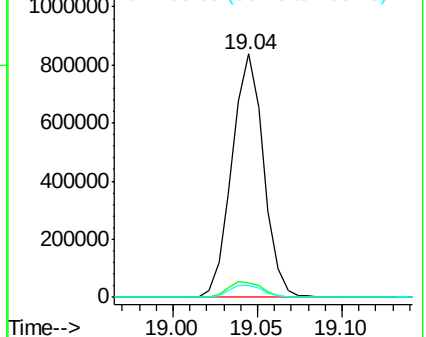
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 34.595 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

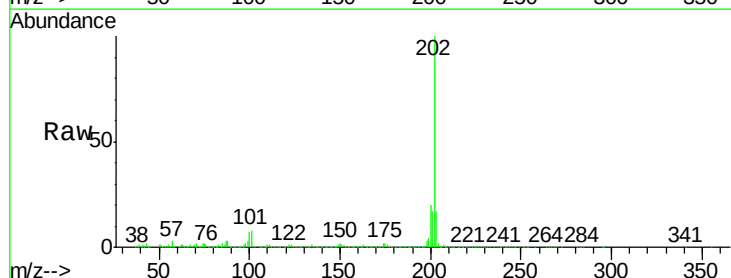
Tgt Ion:202 Resp: 1594531

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

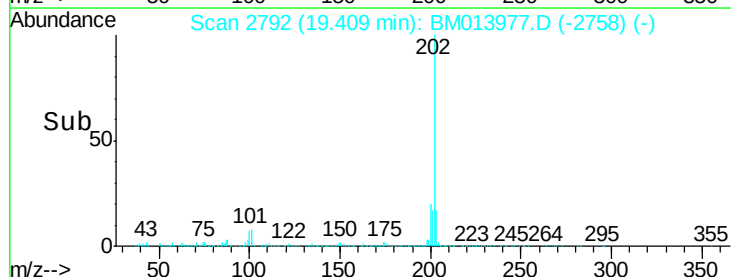
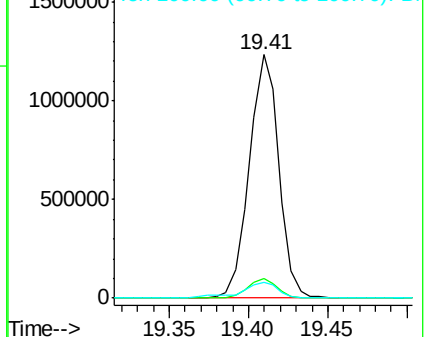
100 6.7 4.9 7.3

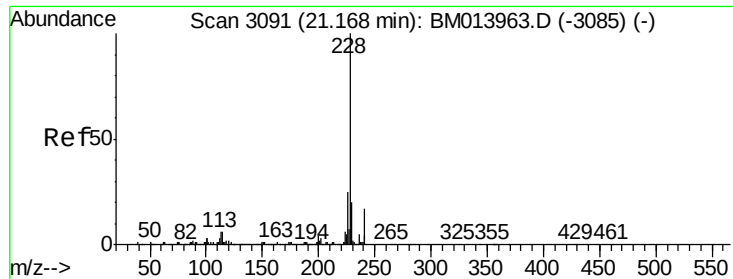


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





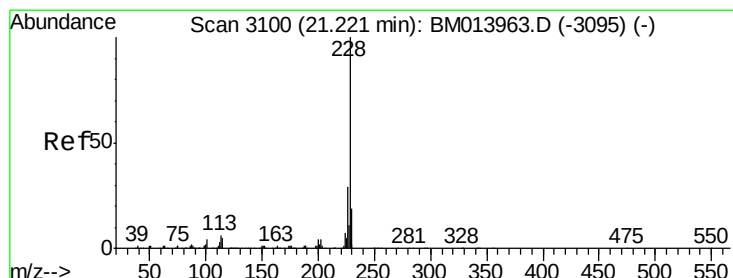
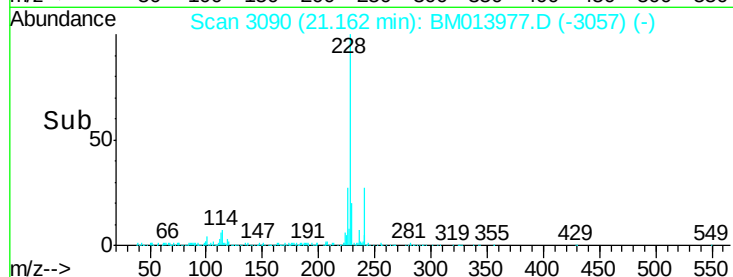
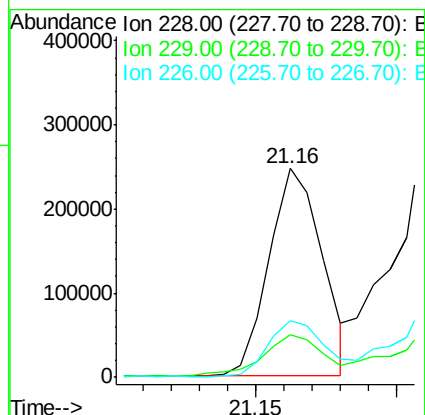
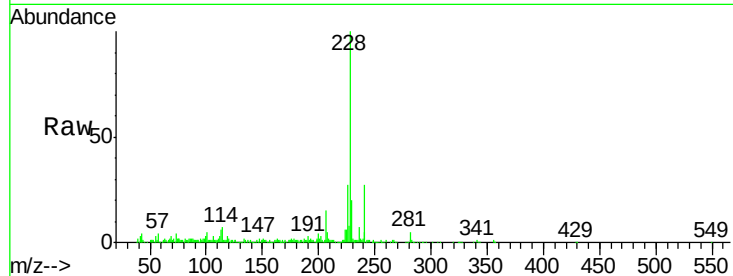
#80
Benzo(a)anthracene
Concen: 7.080 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM013977.D
Acq: 30 Jan 2018 02:41

Instrument :
BNA_M
ClientSampled :
F6C12

Tot Ion:	228	Resp:	324366
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.0
226	27.3	21.4	32.0

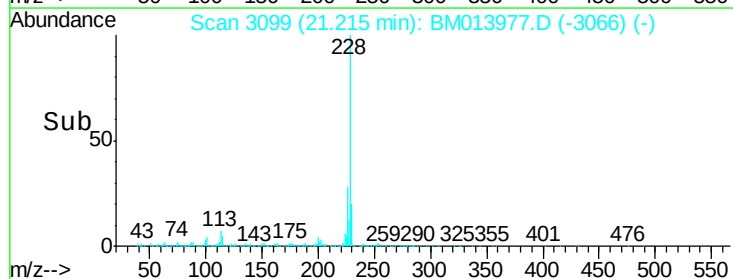
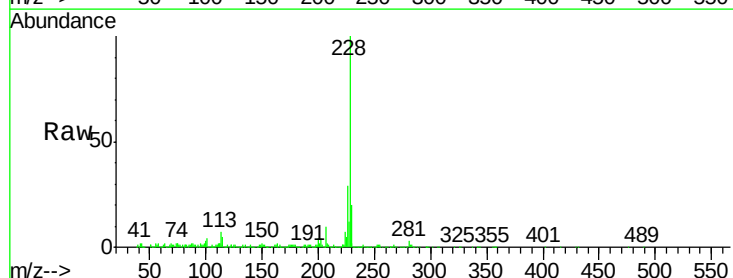
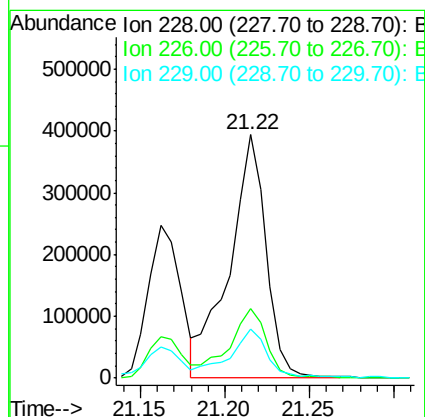
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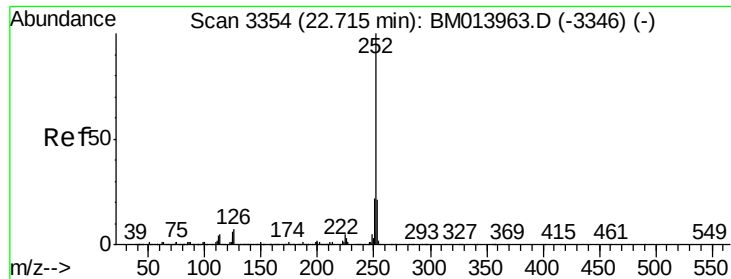
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#82
Chrysene
Concen: 14.009 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM013977.D
Acq: 30 Jan 2018 02:41

Tgt Ion:	228	Resp:	588758
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.4	35.2
229	20.2	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 12.773 ng/ul

RT: 22.71 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Instrument :

BNA_M

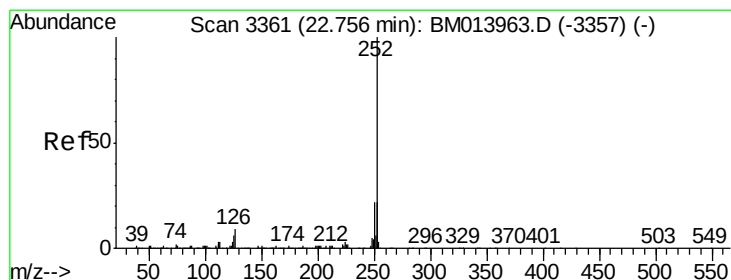
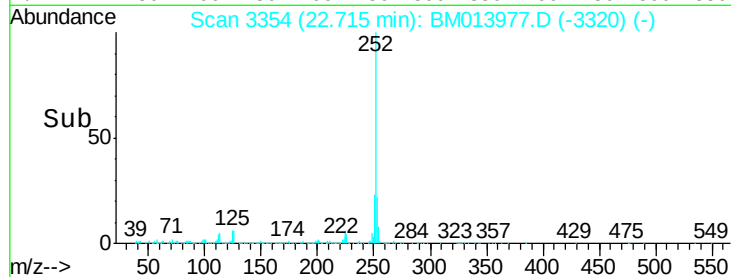
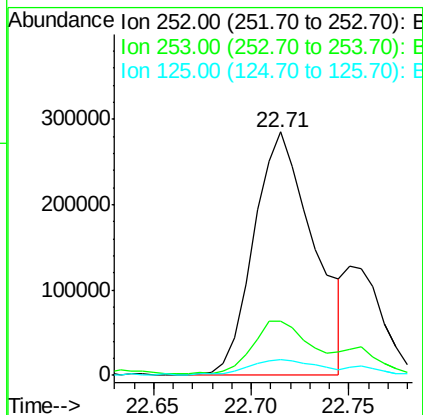
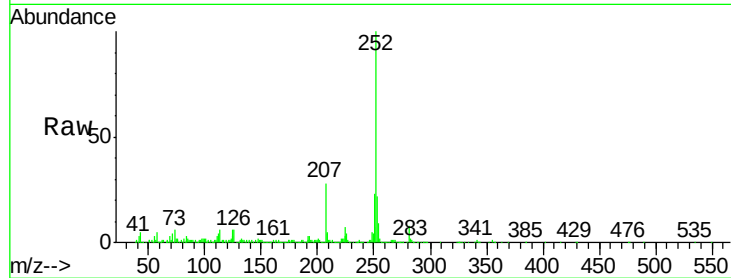
ClientSampleId :

F6C12

Tot Ion:	252	Resp:	600936
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	6.3	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 3.661 ng/ul m

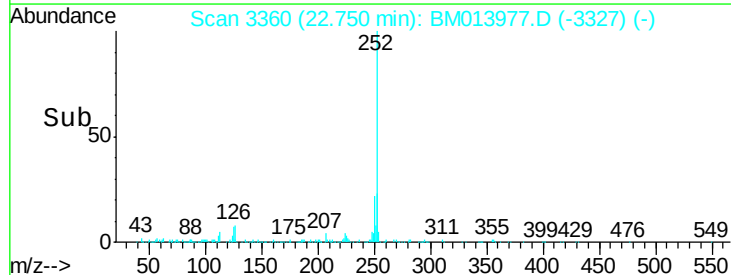
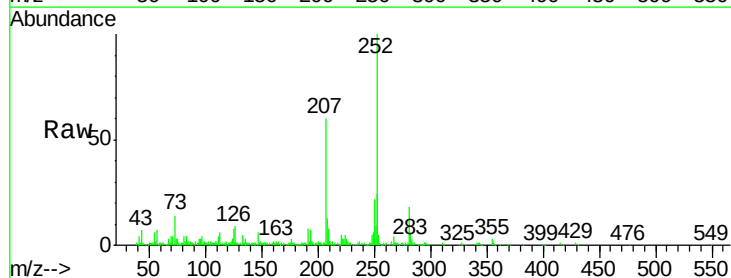
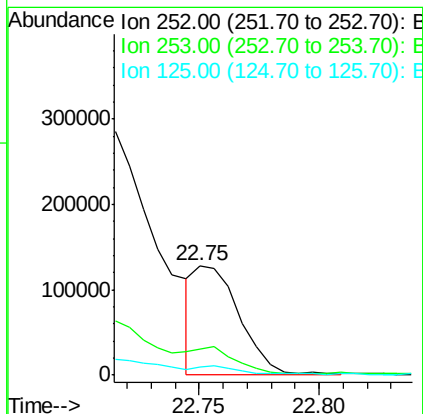
RT: 22.75 min Scan# 3360

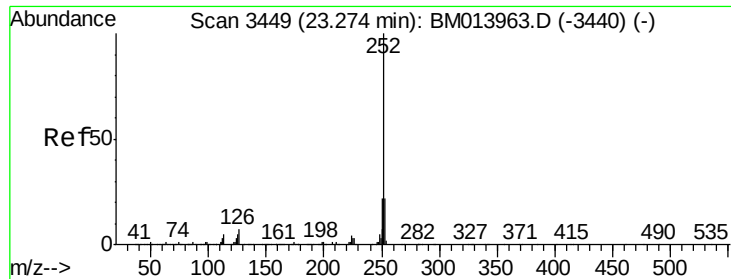
Delta R.T. -0.01 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Tgt Ion:	252	Resp:	166467
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.1	25.7
125	7.6	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 4.999 ng/ul

RT: 23.27 min Scan# 3448

Delta R.T. -0.01 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Instrument :

BNA_M

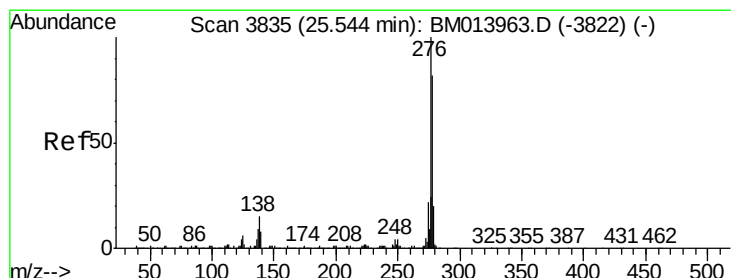
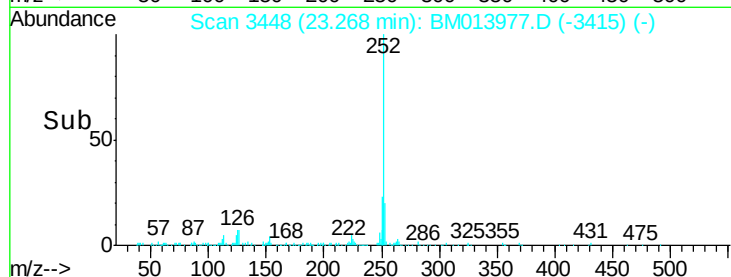
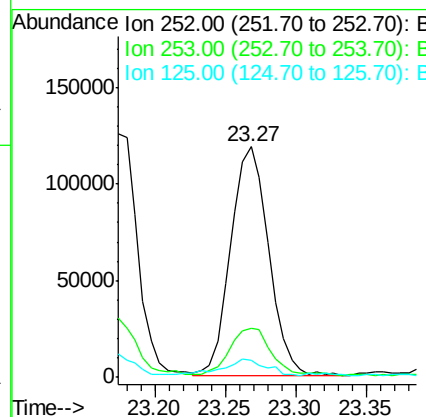
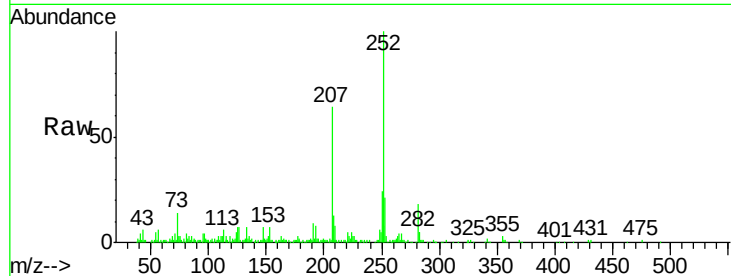
ClientSampleId :

F6C12

Tot Ion:	252	Resp:	222193
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.2
125	7.5	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 2.592 ng/ul

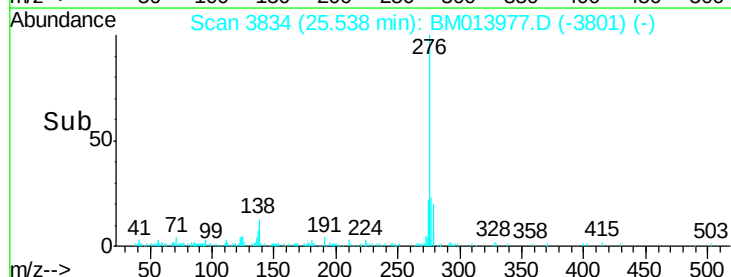
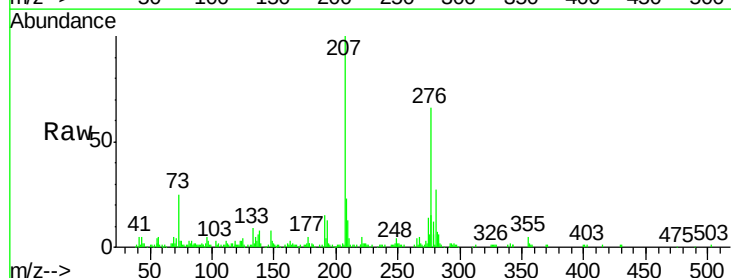
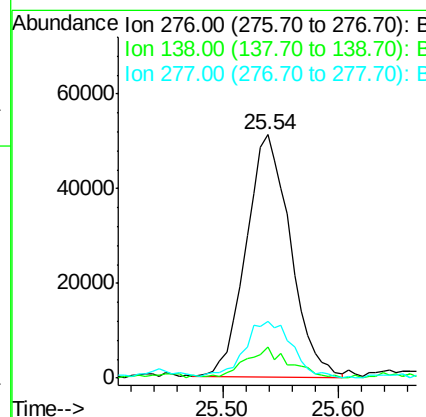
RT: 25.54 min Scan# 3834

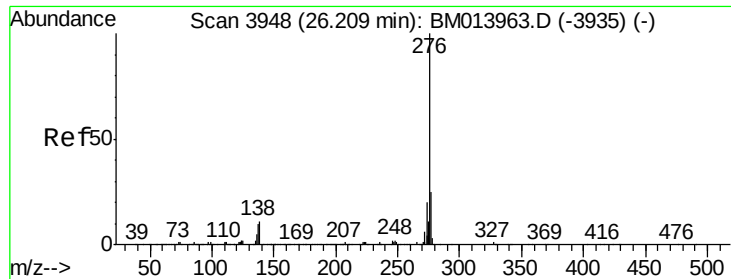
Delta R.T. -0.01 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Tgt Ion:	276	Resp:	135965
Ion Ratio	Lower	Upper	
276	100		
138	12.9	9.3	13.9
277	23.2	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 2.179 ng/ul
 RT: 26.21 min Scan# 3948
 Delta R.T. -0.00 min
 Lab File: BM013977.D
 Acq: 30 Jan 2018 02:41

Instrument :
 BNA_M
 ClientSampleId :
 F6C12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	10.8	8.5	12.7		
277	23.4	18.6	28.0		

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