

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012581.D
 Acq On : 30 Oct 2017 19:51
 Operator : SJ/JU
 Sample : I5886-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNE3

Manual Integrations
 APPROVED

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 10/31/2017 7:47:11 PM

Quant Time: Oct 31 04:29:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 03:00:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	281318	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1088439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	647575	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1531467	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1822031	20.00	ng/ul	-0.01
83) Perylene-d12	23.70	264	1991088	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	26591m	4.83	ng/uL	0.00
5) Phenol-d5	7.02	99	436473	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	279800	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	361858	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	298946	14.88	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	176293	25.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	194319	27.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	371401	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	259017	13.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1149542	20.32	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1419142	21.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	126486	15.04	ng/ul	0.00
57) Fluorene-d10	15.48	176	1015170	21.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	125041	16.87	ng/ul	-0.01
70) Anthracene-d10	17.33	188	1491597	20.44	ng/ul	0.00
76) Pyrene-d10	19.62	212	1784220	21.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1906197	20.15	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	7.05	94	68032	2.780	ng/ul#	84
44) Dimethylphthalate	13.94	163	78697	1.406	ng/ul	99
56) Diethylphthalate	15.30	149	226491	3.970	ng/ul	96
69) Phenanthrene	17.27	178	166255	2.007	ng/ul	98
74) Fluoranthene	19.28	202	372479	3.969	ng/ul#	92
77) Pyrene	19.64	202	324853	3.135	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	189212	1.734	ng/ul	98
82) Chrysene	21.44	228	225893	2.329	ng/ul	98
85) Benzo(b)fluoranthene	23.01	252	347274	2.821	ng/ul#	96
88) Benzo(a)pyrene	23.60	252	207389	1.767	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.03	276	169141	1.225	ng/ul#	97

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

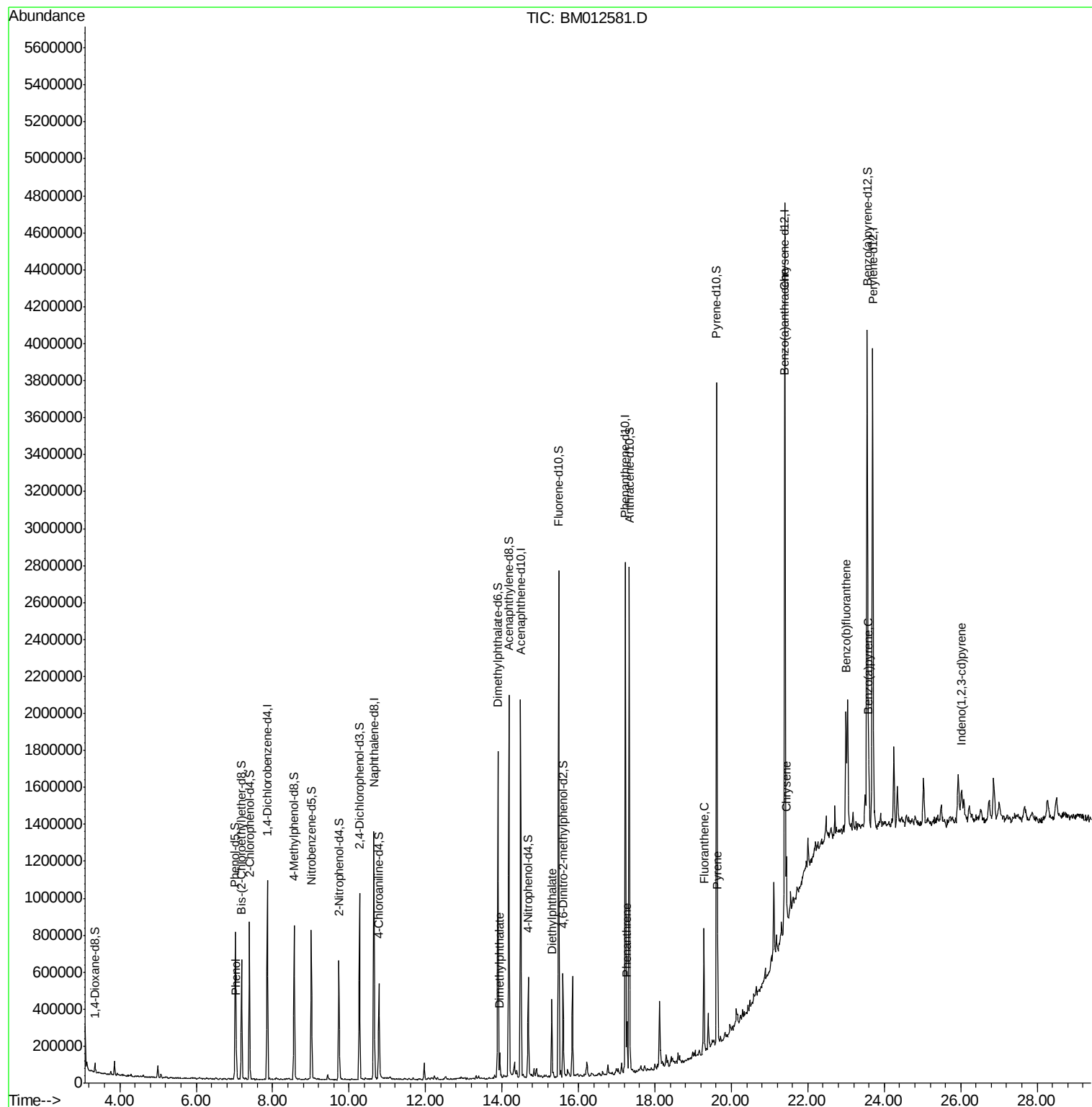
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012581.D
Acq On : 30 Oct 2017 19:51
Operator : SJ/JU
Sample : I5886-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

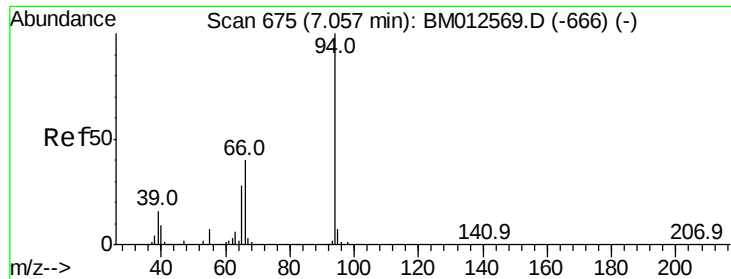
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 03:00:36 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.780 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM012581.D

Acq: 30 Oct 2017 19:51

Instrument :

BNA_M

ClientSampleId :

ESNE3

Tot Ion: 94 Resp: 68032

Ion Ratio Lower Upper

94 100

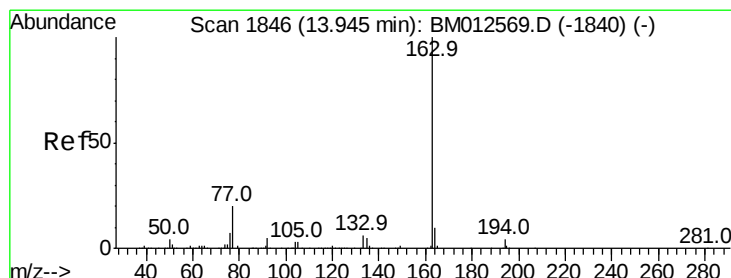
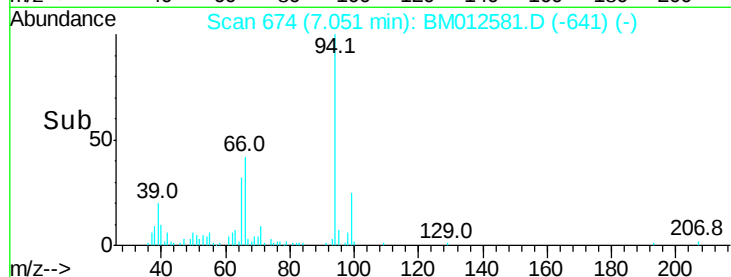
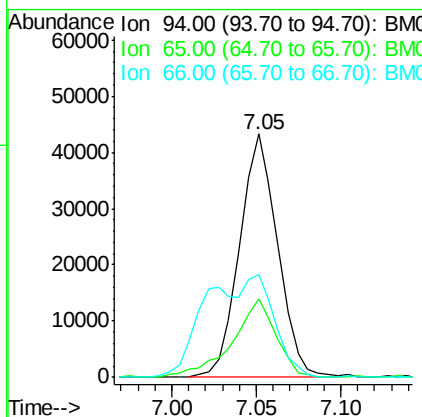
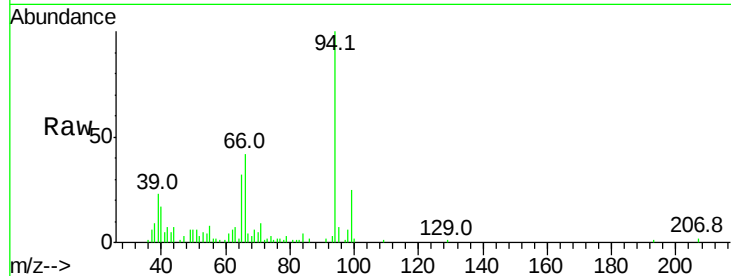
65 32.0 28.2 42.4

66 42.5 47.2 70.8#

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#44

Dimethylphthalate

Concen: 1.406 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM012581.D

Acq: 30 Oct 2017 19:51

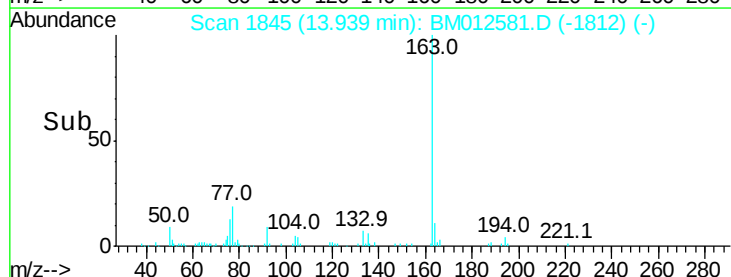
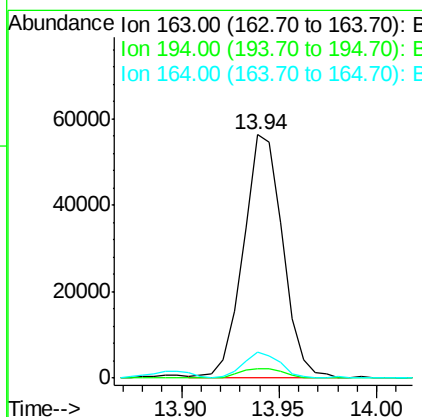
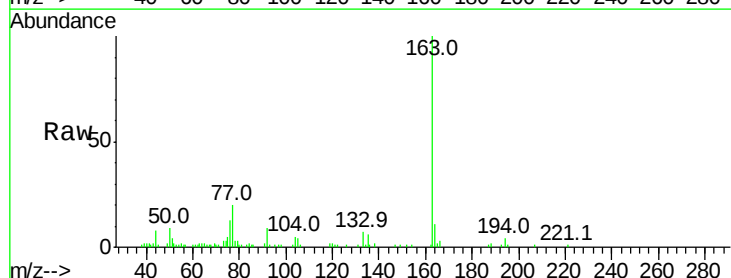
Tgt Ion:163 Resp: 78697

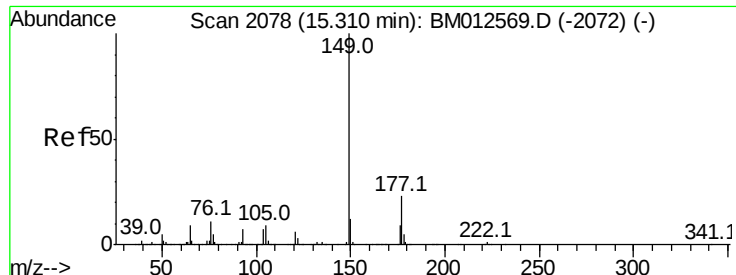
Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 10.8 8.2 12.4





#56

Diethylphthalate

Concen: 3.970 ng/ul

RT: 15.30 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BM012581.D

Acq: 30 Oct 2017 19:51

Instrument :

BNA_M

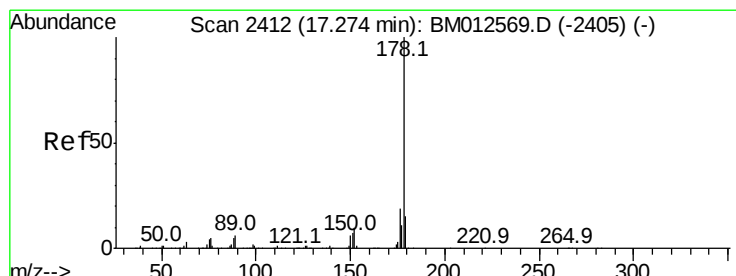
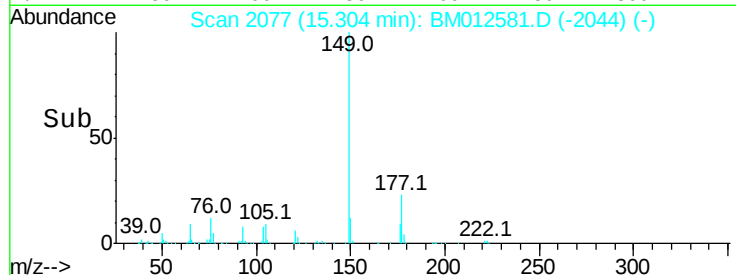
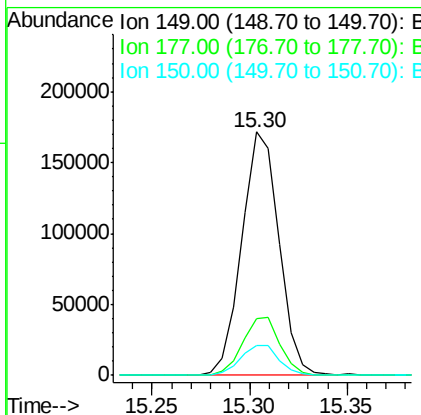
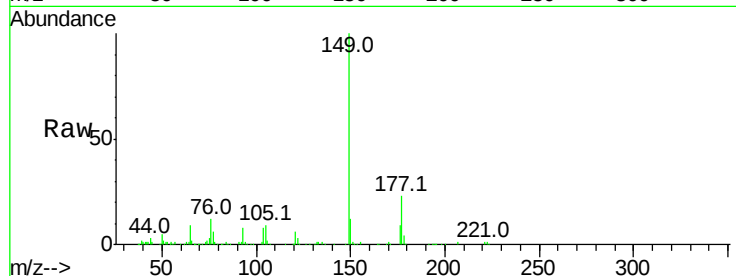
ClientSampled :

ESNE3

Tot Ion:	149	Resp:	226491
Ion Ratio	Lower	Upper	
149	100		
177	23.2	20.5	30.7
150	12.5	10.6	15.8

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#69

Phenanthrene

Concen: 2.007 ng/ul

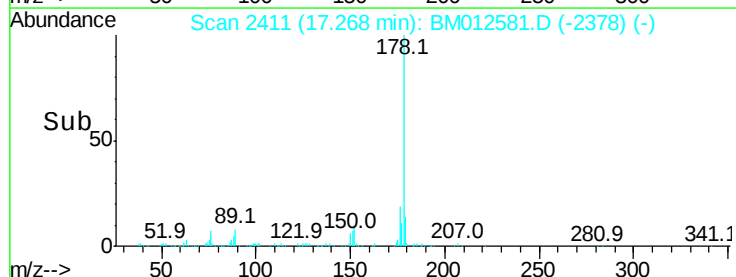
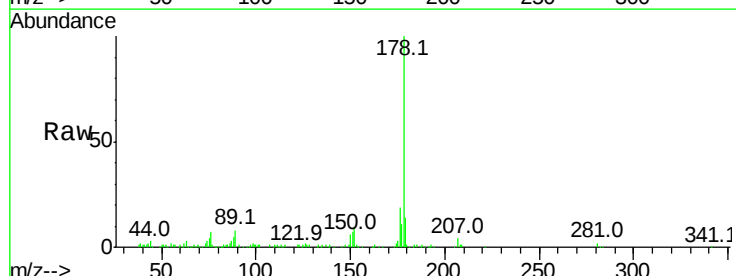
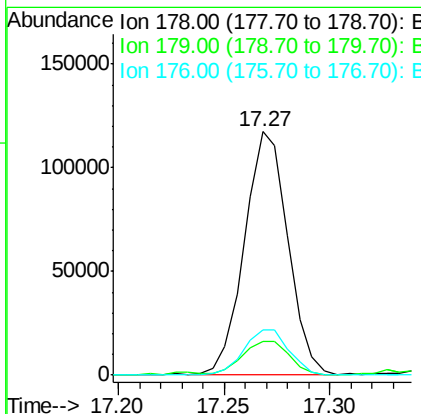
RT: 17.27 min Scan# 2411

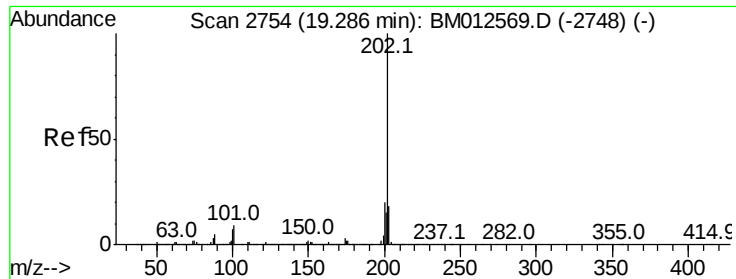
Delta R.T. -0.01 min

Lab File: BM012581.D

Acq: 30 Oct 2017 19:51

Tgt Ion:	178	Resp:	166255
Ion Ratio	Lower	Upper	
178	100		
179	14.1	12.6	19.0
176	18.6	14.9	22.3





#74

Fluoranthene

Concen: 3.969 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM012581.D

Acq: 30 Oct 2017 19:51

Instrument :

BNA_M

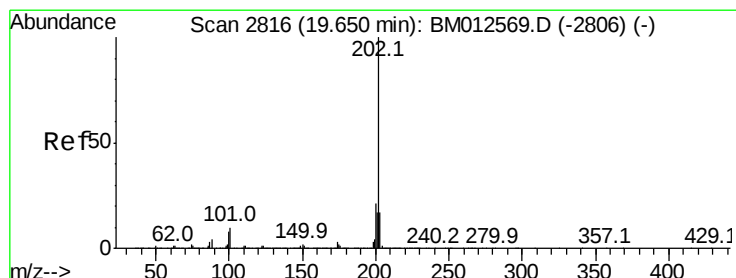
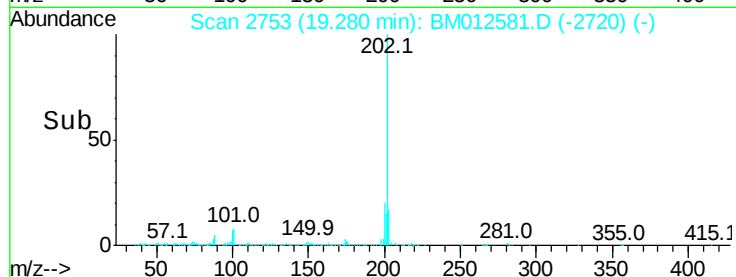
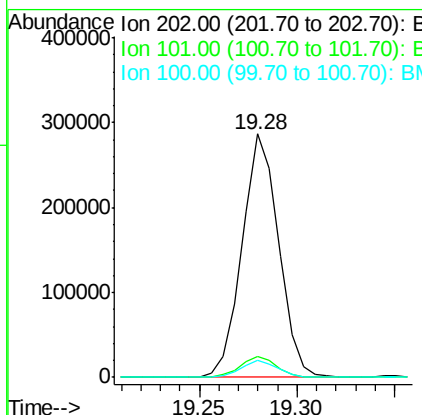
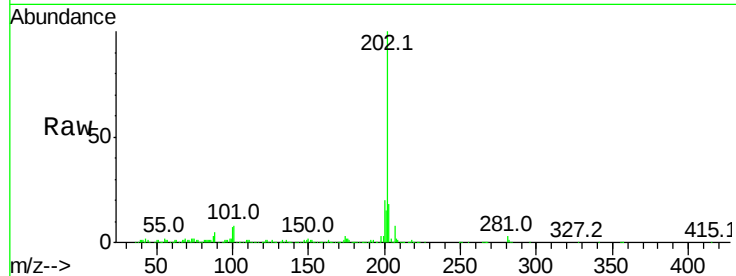
ClientSampleId :

ESNE3

Tot Ion	Ratio	Resp	Lower	Upper
202	100	372479		
101	8.4		4.6	7.0#
100	6.8		3.4	5.2#

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#77

Pyrene

Concen: 3.135 ng/ul

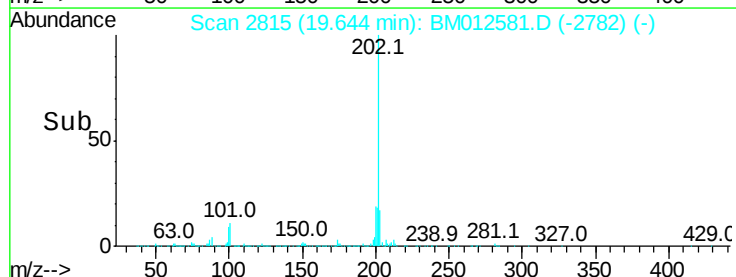
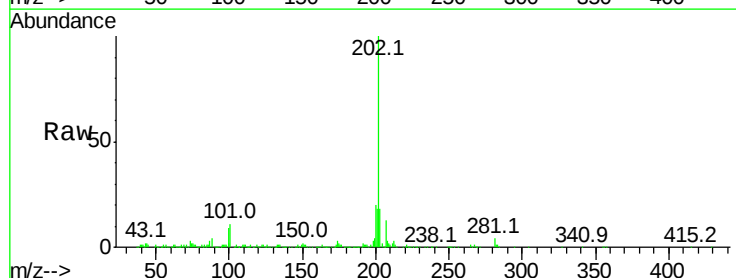
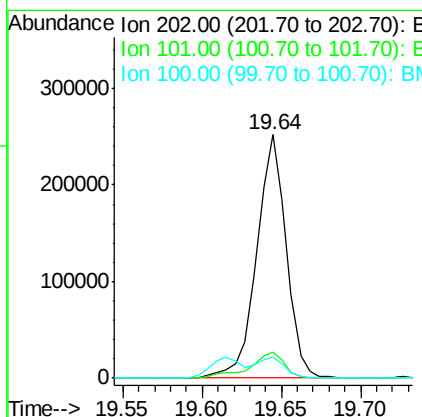
RT: 19.64 min Scan# 2815

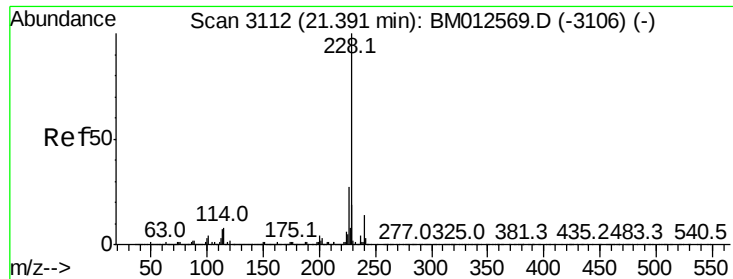
Delta R.T. -0.01 min

Lab File: BM012581.D

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	324853		
101	10.7		5.1	7.7#
100	8.8		4.9	7.3#





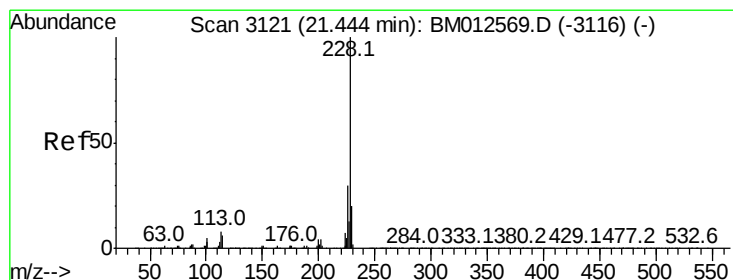
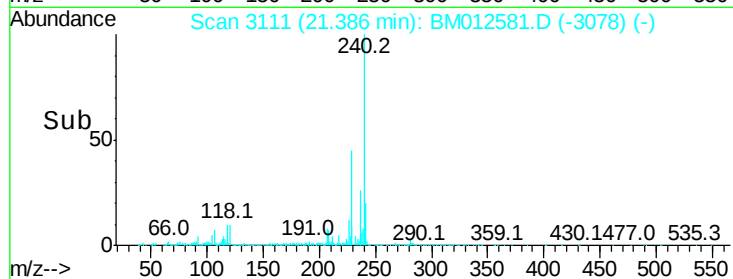
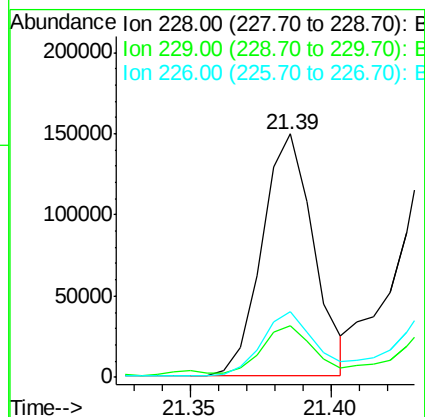
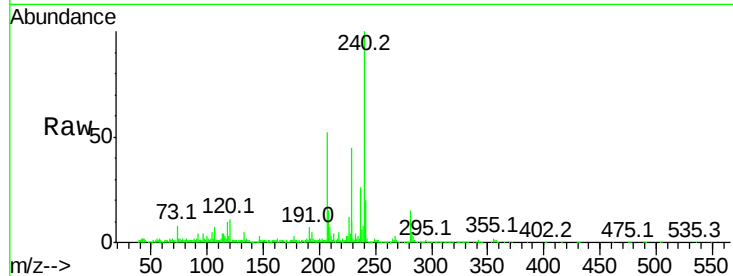
#80
Benzo(a)anthracene
Concen: 1.734 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM012581.D
Acq: 30 Oct 2017 19:51

Instrument :
BNA_M
ClientSampleId :
ESNE3

Tot Ion:	228	Resp:	189212
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.4	23.0
226	26.9	21.4	32.0

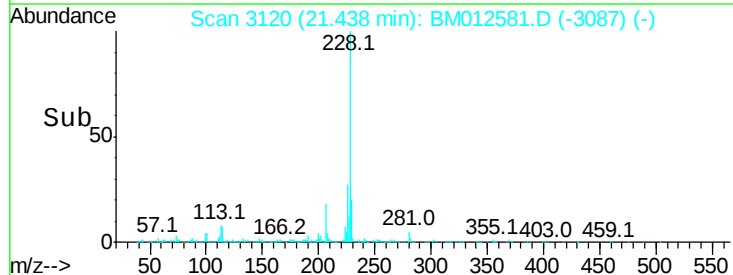
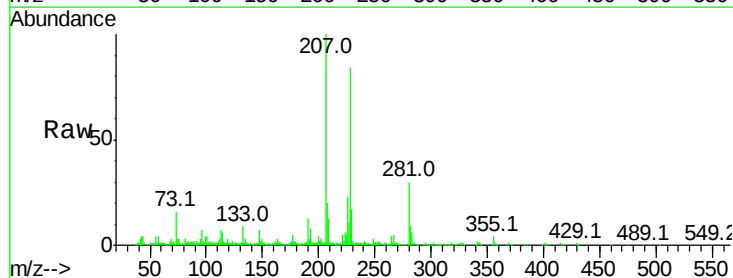
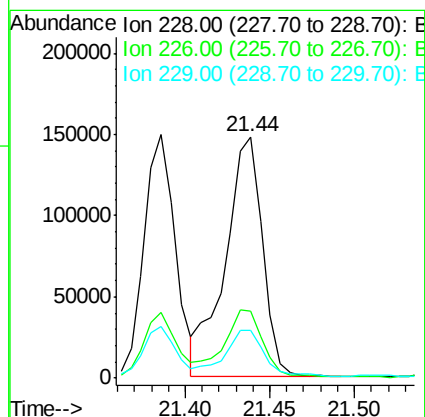
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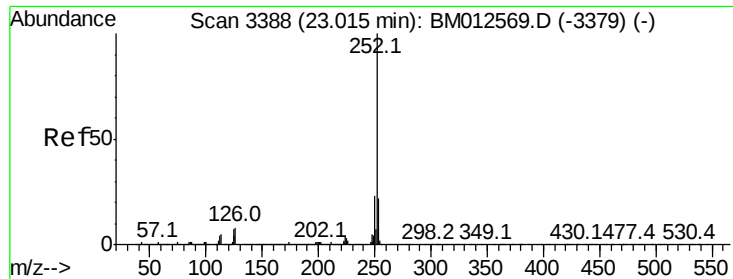
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#82
Chrysene
Concen: 2.329 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM012581.D
Acq: 30 Oct 2017 19:51

Tgt Ion:	228	Resp:	225893
Ion Ratio	Lower	Upper	
228	100		
226	27.6	23.4	35.2
229	20.1	15.5	23.3





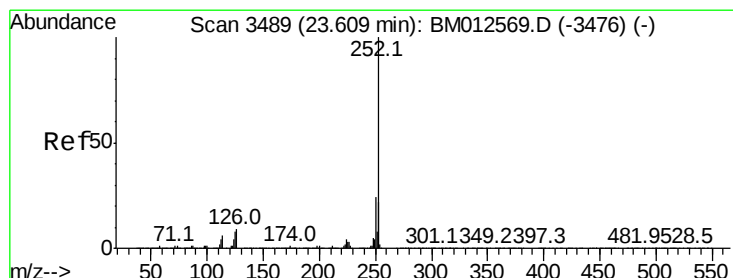
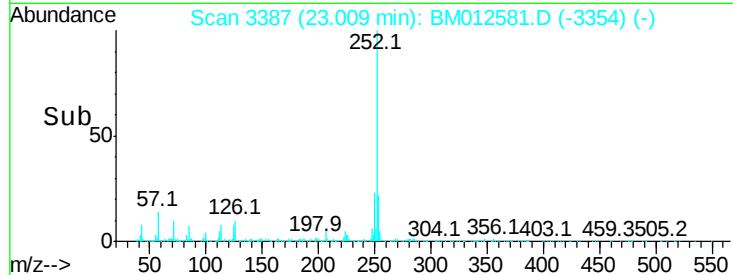
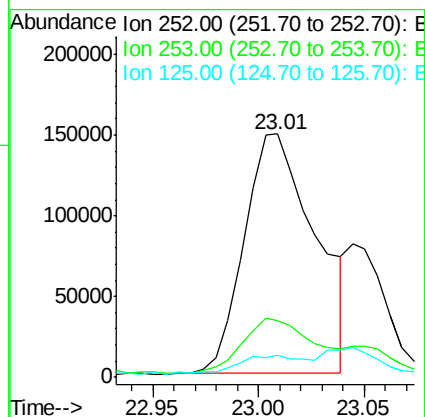
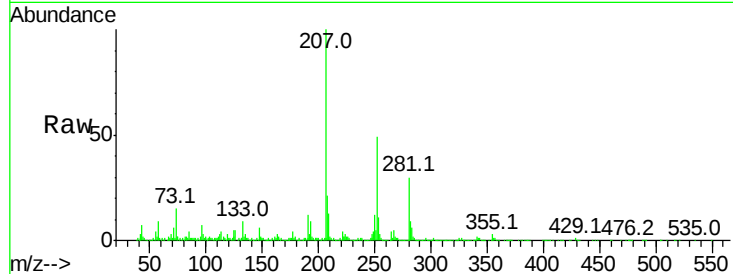
#85
Benzo(b)fluoranthene
Concen: 2.821 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BM012581.D
Acq: 30 Oct 2017 19:51

Instrument :
BNA_M
ClientSampleId :
ESNE3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	17.9	26.9
125	9.3	3.6	5.4

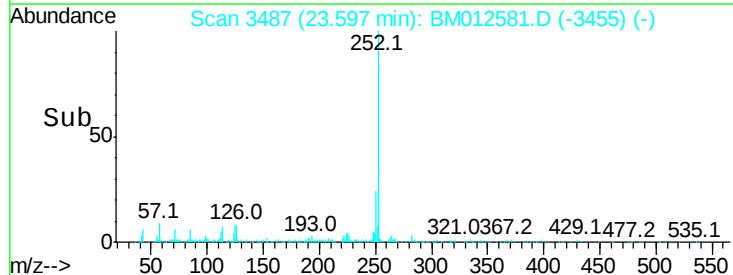
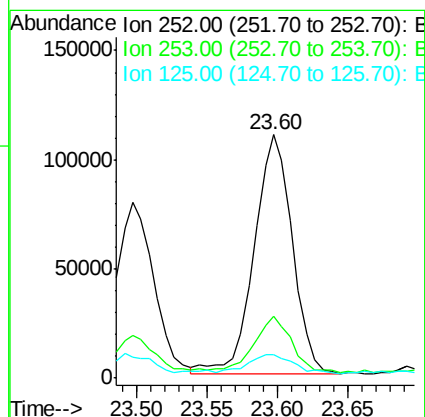
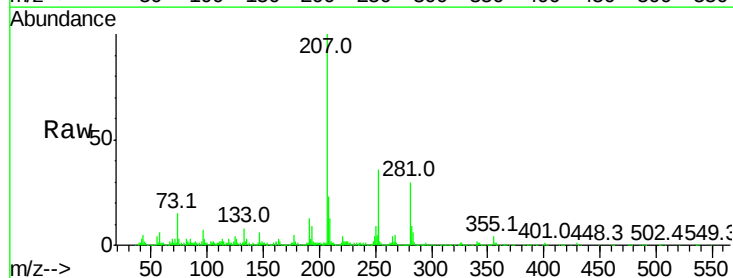
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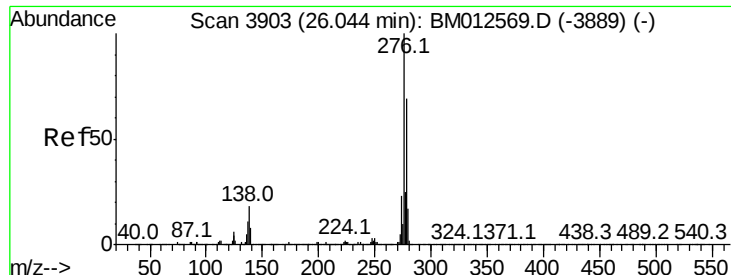
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#88
Benzo(a)pyrene
Concen: 1.767 ng/ul
RT: 23.60 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM012581.D
Acq: 30 Oct 2017 19:51

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.6	18.2	27.2
125	9.8	4.0	6.0





#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.225 ng/ul
 RT: 26.03 min Scan# 3900
 Delta R.T. -0.02 min
 Lab File: BM012581.D
 Acq: 30 Oct 2017 19:51

Instrument :
 BNA_M
 ClientSampleId :
 ESNE3

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	9.3	13.9#
277	25.1	19.9	29.9

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