

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
 Data File : BM012624.D
 Acq On : 01 Nov 2017 04:19
 Operator : SJ/JU
 Sample : I5873-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-16(0-1)_101217

Manual Integrations
 APPROVED

Sohil
 11/1/2017 4:58:27 PM

Quant Time: Nov 01 07:28:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 01 06:39:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	447883	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1850698	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1295208	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.23	188	2511603	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2227440	20.00	ng/ul	0.01
83) Perylene-d12	23.73	264	2344090	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	25444	2.90	ng/uL	0.00
5) Phenol-d5	7.02	99	747491	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	431011	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	595547	21.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	700979	21.92	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	291401m	25.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	352934	29.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	767888	24.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	671866	20.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2568834	22.70	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3224527	24.09	ng/ul	0.02
51) 4-Nitrophenol-d4	14.70	143	374760	22.28	ng/ul	0.01
57) Fluorene-d10	15.49	176	2294249	23.96	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.61	200	263621	21.69	ng/ul	0.01
70) Anthracene-d10	17.33	188	3326977	27.80	ng/ul	0.01
76) Pyrene-d10	19.63	212	3169982	31.02	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.59	264	3030186	27.21	ng/ul	0.04
Target Compounds						
6) Phenol	7.05	94	159695	4.099	ng/ul#	82
28) Naphthalene	10.70	128	714191	7.783	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	1006406	13.505	ng/ul	97
40) 1,1'-Biphenyl	13.33	154	226076	2.188	ng/ul#	80
69) Phenanthrene	17.28	178	946585	6.969	ng/ul#	87
74) Fluoranthene	19.29	202	456657	2.967	ng/ul#	83
77) Pyrene	19.65	202	858867	6.780	ng/ul#	87
81) Bis(2-ethylhexyl)phthalate	21.32	149	1206176	15.886	ng/ul#	92
82) Chrysene	21.44	228	522899	4.409	ng/ul#	59
89) Indeno(1,2,3-cd)pyrene	26.09	276	312983	1.925	ng/ul#	57
91) Benzo(g,h,i)perylene	26.80	276	374834	2.844	ng/ul#	63

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

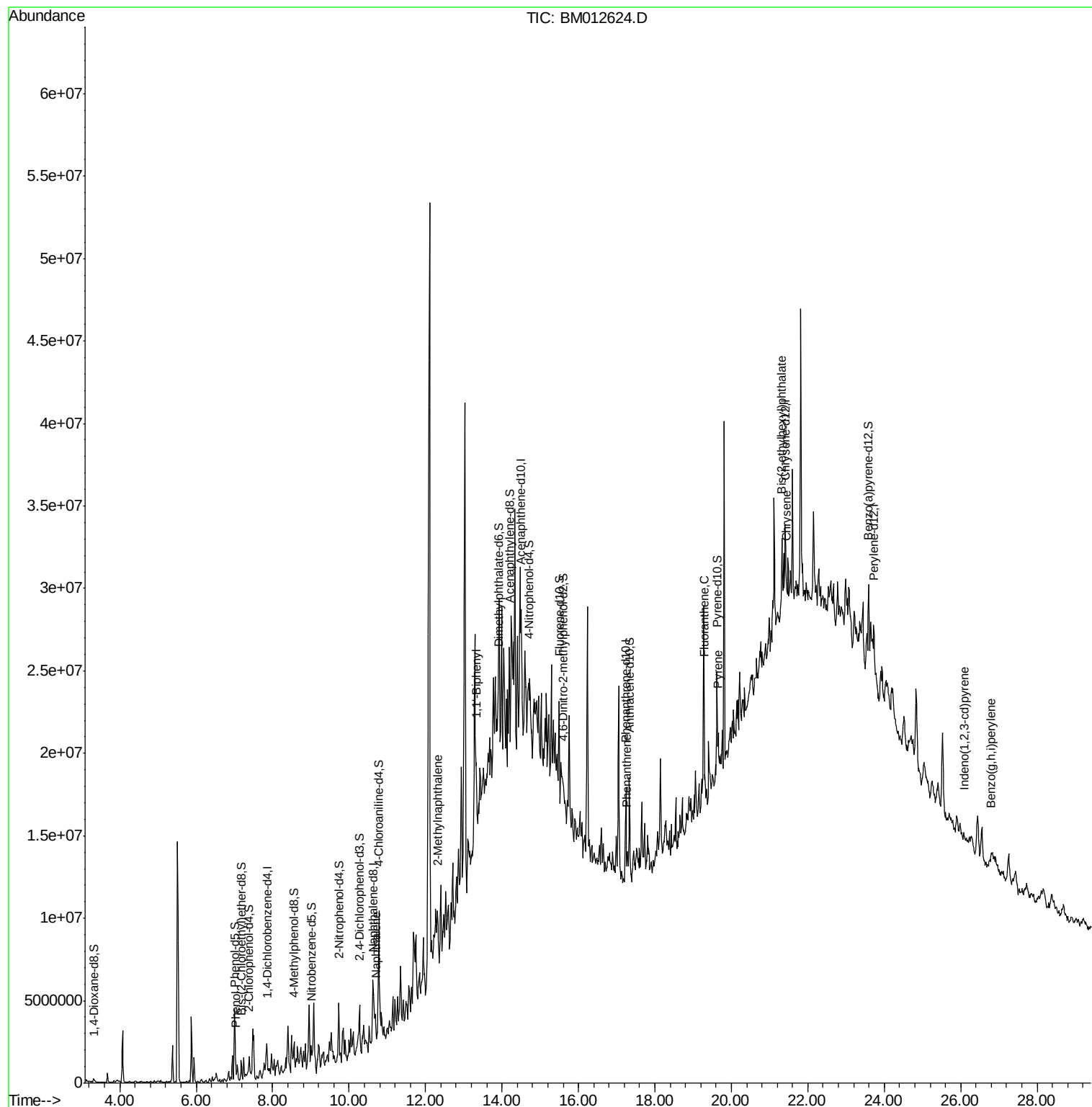
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Operator : SJ/JU
Sample : I5873-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

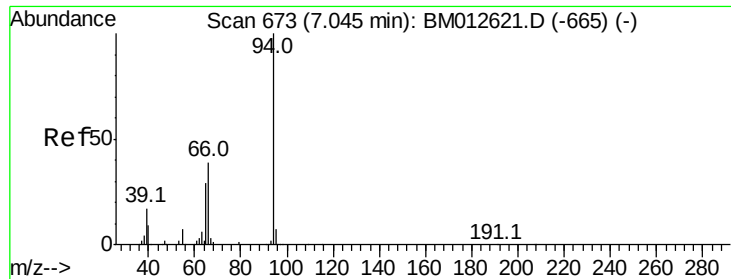
Instrument :
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B-16(0-1)_101217

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 01 06:39:17 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.099 ng/ul

RT: 7.05 min Scan# 673

Delta R.T. 0.00 min

Lab File: BM012624.D

Acq: 01 Nov 2017 04:19

Instrument :

BNA_M

ClientSampleId :

B-16(0-1)_101217

Tot Ion: 94 Resp: 159695

Ion Ratio Lower Upper

94 100

65 29.5 28.2 42.4

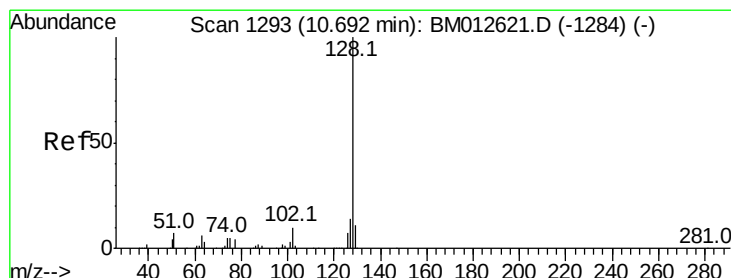
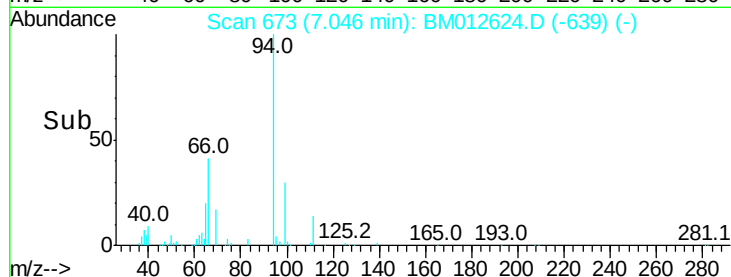
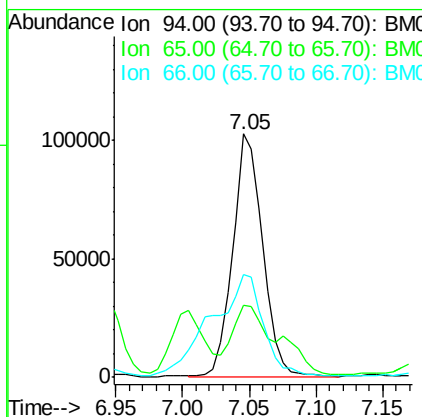
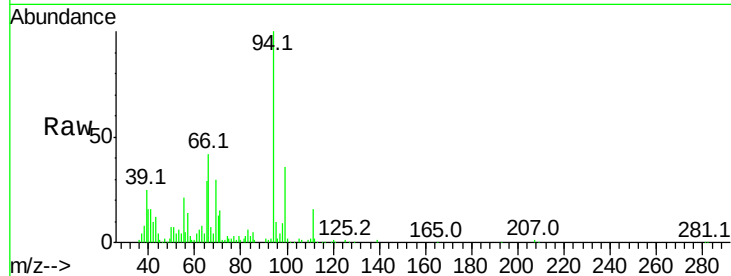
66 42.4 47.2 70.8#

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#28

Naphthalene

Concen: 7.783 ng/ul

RT: 10.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BM012624.D

Acq: 01 Nov 2017 04:19

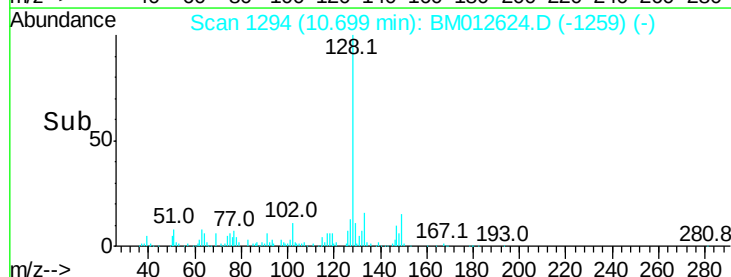
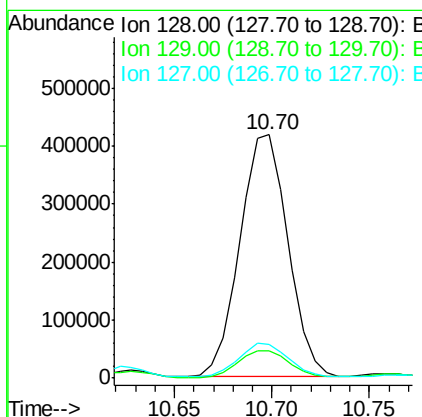
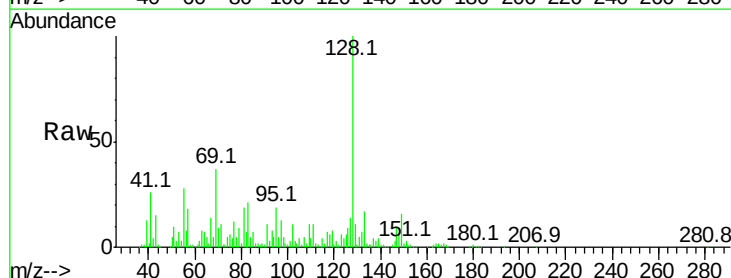
Tgt Ion: 128 Resp: 714191

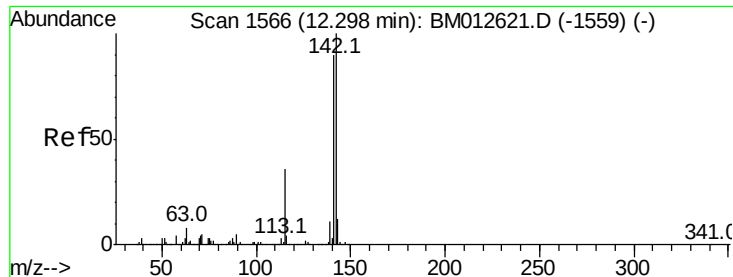
Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.8 10.6 16.0





#34

2-Methylnaphthalene

Concen: 13.505 ng/ul

RT: 12.32 min Scan# 1569

Delta R.T. 0.02 min

Lab File: BM012624.D

Acq: 01 Nov 2017 04:19

Instrument :

BNA_M

ClientSampleId :

B-16(0-1) 101217

Tot Ion:142 Resp: 1006406

Ion Ratio Lower Upper

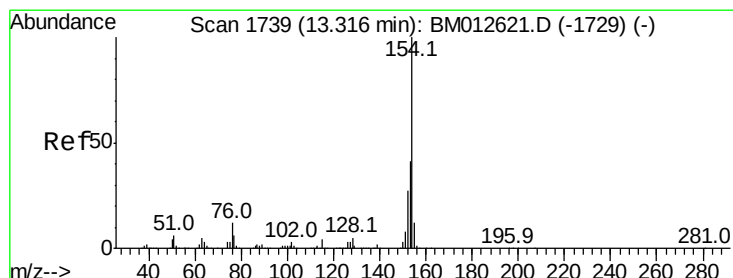
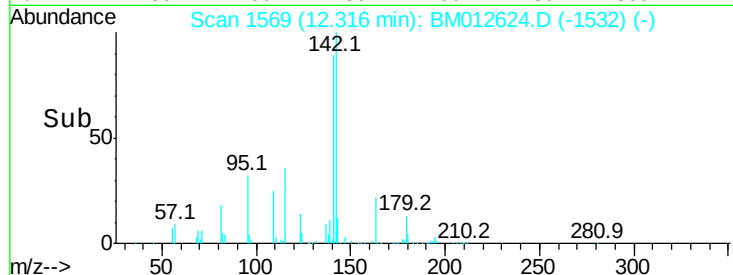
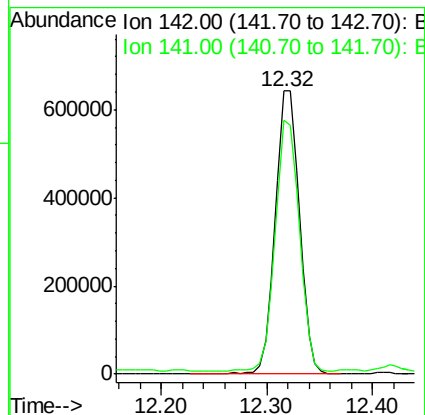
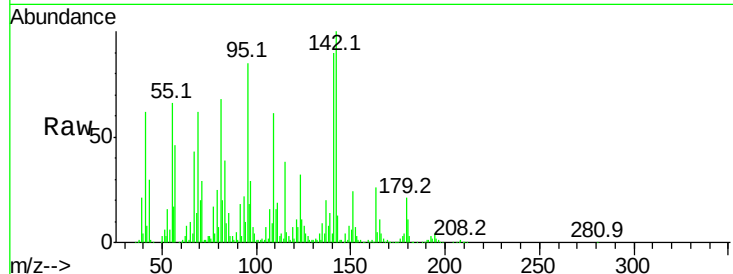
142 100

141 89.9 74.1 111.1

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#40

1,1'-Biphenyl

Concen: 2.188 ng/ul

RT: 13.33 min Scan# 1741

Delta R.T. 0.01 min

Lab File: BM012624.D

Acq: 01 Nov 2017 04:19

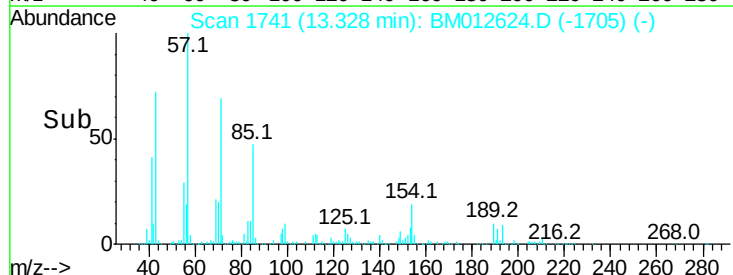
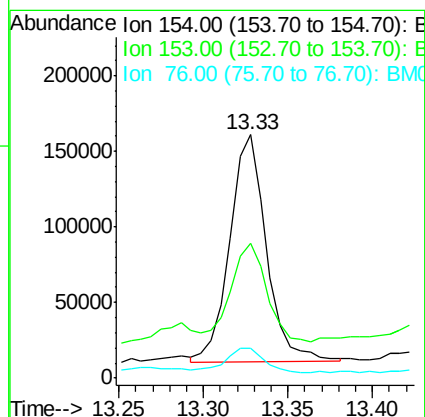
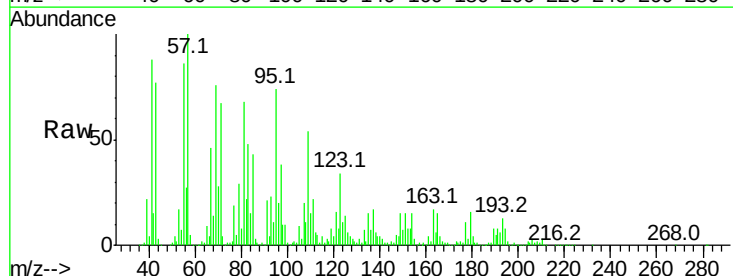
Tgt Ion:154 Resp: 226076

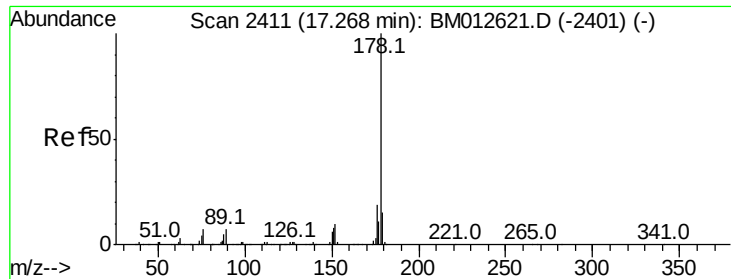
Ion Ratio Lower Upper

154 100

153 55.5 32.6 48.8#

76 12.3 8.5 12.7





#69

Phenanthrene

Concen: 6.969 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. 0.01 min

Lab File: BM012624.D

Acq: 01 Nov 2017 04:19

Instrument :

BNA_M

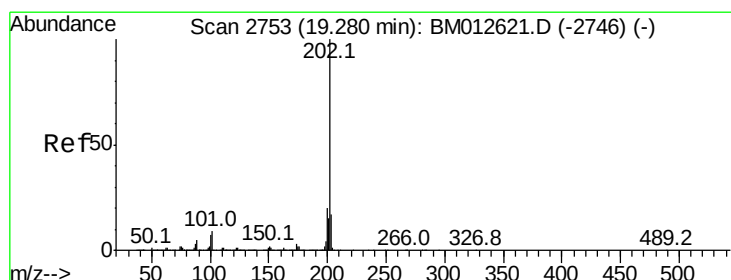
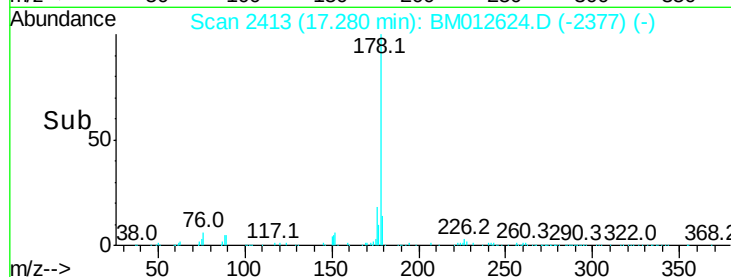
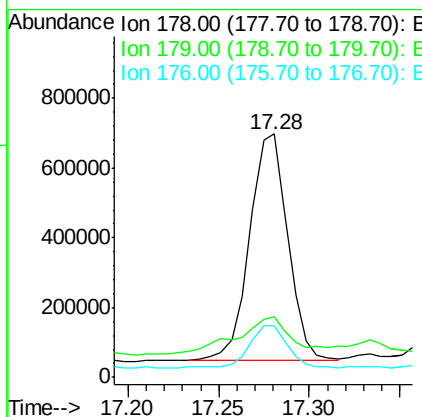
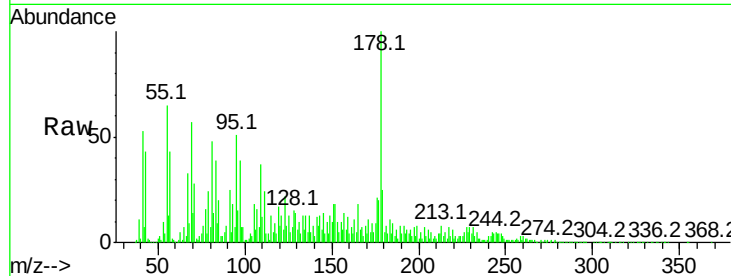
ClientSampleId :

B-16(0-1)_101217

Tot Ion	178	Resp	946585
Ion Ratio	Lower	Upper	
178	100		
179	24.7	12.6	19.0#
176	21.1	14.9	22.3

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#74

Fluoranthene

Concen: 2.967 ng/ul

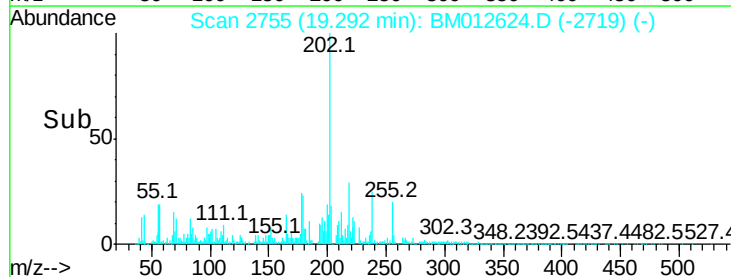
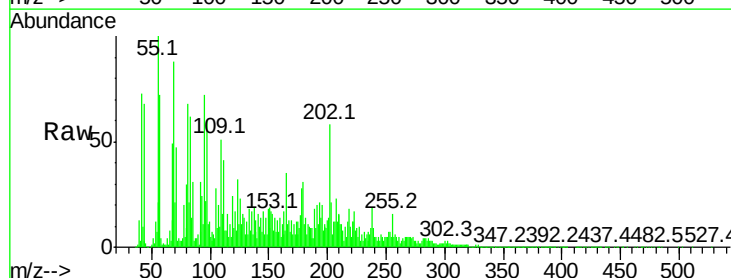
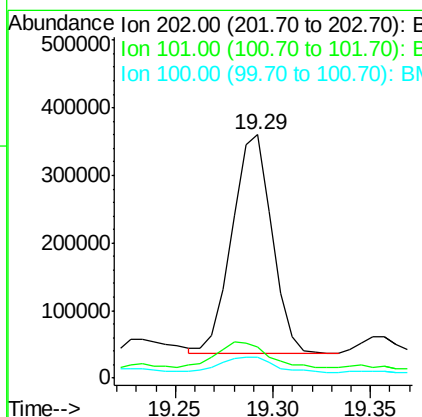
RT: 19.29 min Scan# 2755

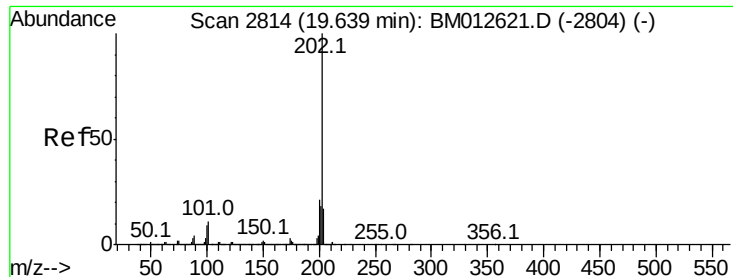
Delta R.T. 0.01 min

Lab File: BM012624.D

Acq: 01 Nov 2017 04:19

Tgt Ion	202	Resp	456657
Ion Ratio	Lower	Upper	
202	100		
101	12.8	4.6	7.0#
100	8.4	3.4	5.2#





#77

Pvrene

Concen: 6.780 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.01 min

Lab File: BM012624.D

Acq: 01 Nov 2017 04:19

Instrument :

BNA_M

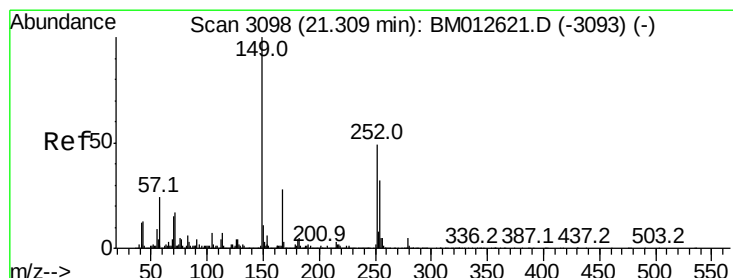
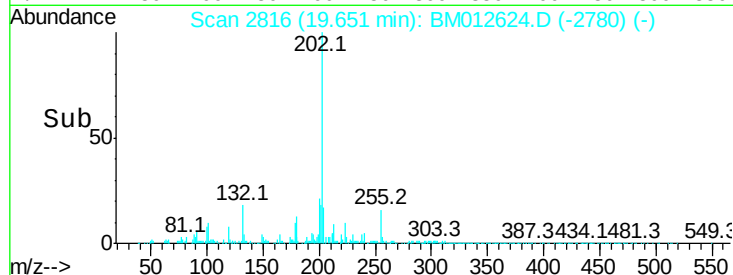
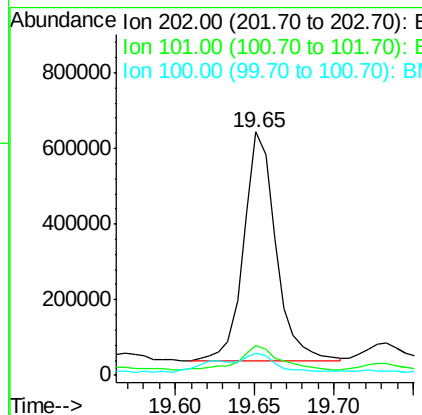
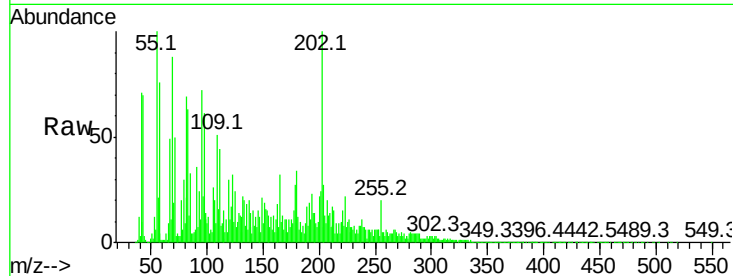
ClientSampleId :

B-16(0-1)_101217

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	5.1	7.7#
100	8.9	4.9	7.3#

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#81

Bis(2-ethylhexyl)phthalate

Concen: 15.886 ng/ul

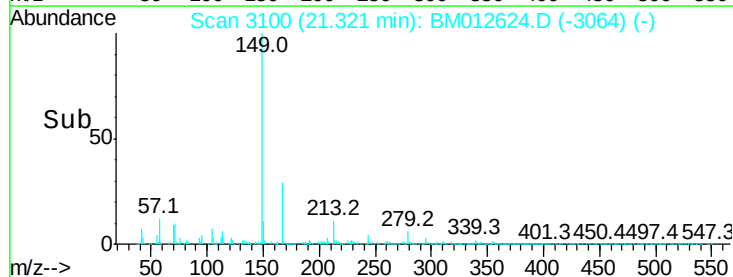
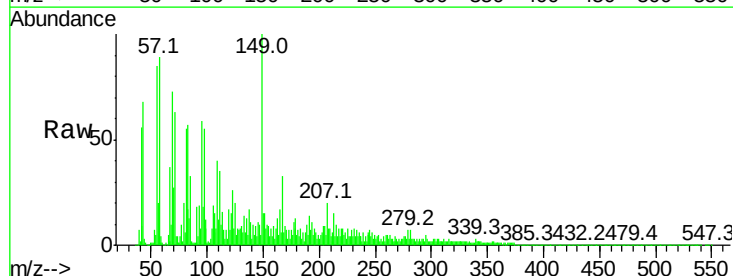
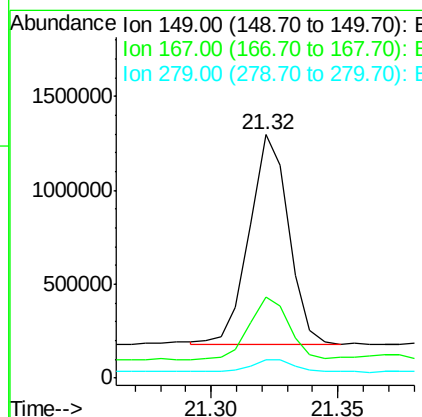
RT: 21.32 min Scan# 3100

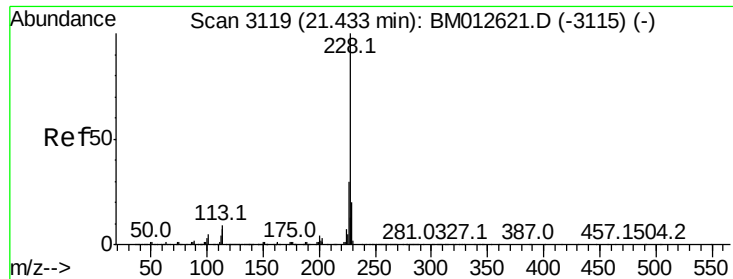
Delta R.T. 0.01 min

Lab File: BM012624.D

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Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	33.1	22.8	34.2
279	7.4	4.9	7.3#





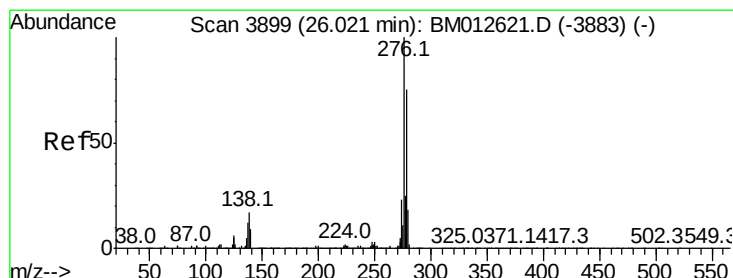
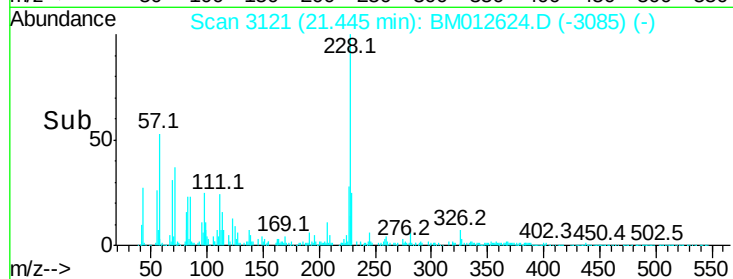
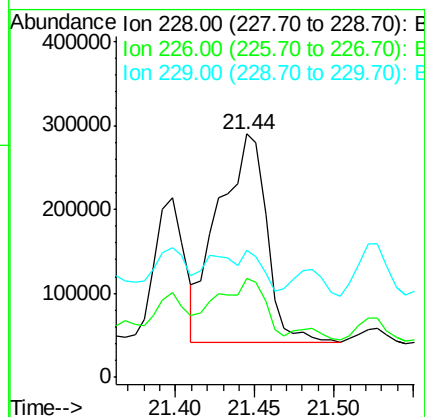
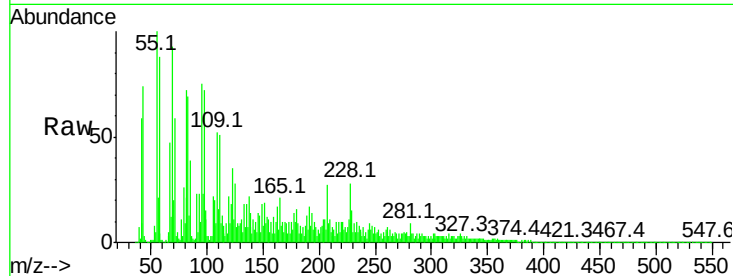
#82
Chrysene
Concen: 4.409 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. 0.01 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	40.5	23.4	35.2#
229	52.0	15.5	23.3#

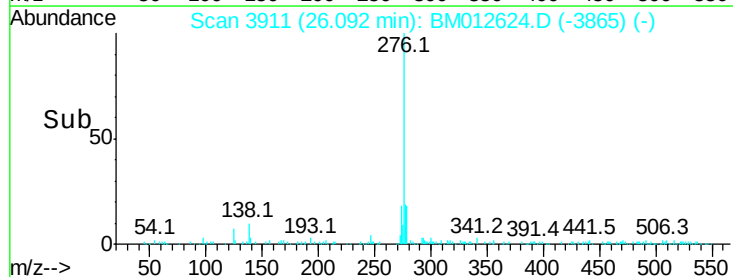
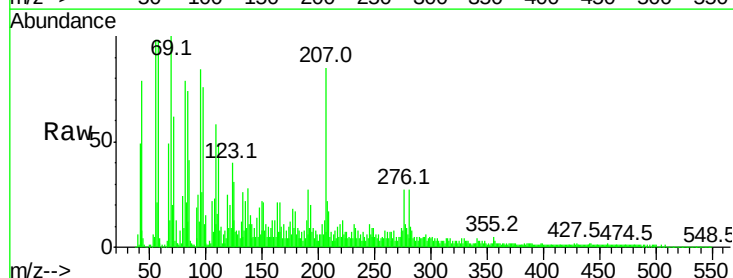
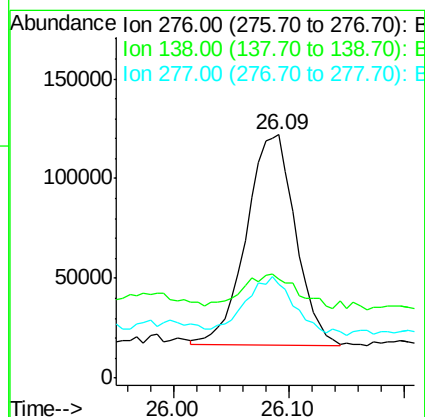
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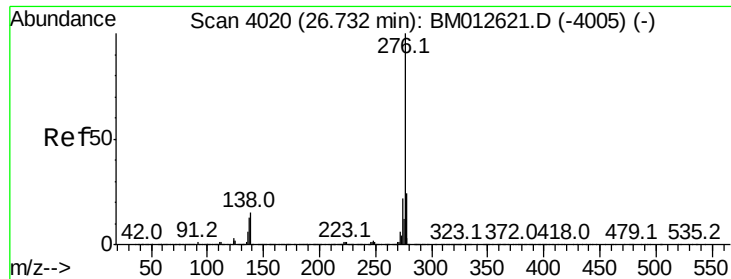
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.925 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.07 min
Lab File: BM012624.D
Acq: 01 Nov 2017 04:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.8	9.3	13.9#
277	38.6	19.9	29.9#





#91

Benzo(a,h,i)perylene

Concen: 2.844 ng/ul

RT: 26.80 min Scan# 4032

Delta R.T. 0.07 min

Lab File: BM012624.D

Acq: 01 Nov 2017 04:19

Instrument :

BNA_M

ClientSampleId :

B-16(0-1)_101217

Tot Ion:	276	Resp:	374834
Ion Ratio	Lower	Upper	
276	100		
138	35.0	8.5	12.7#
277	35.0	18.6	28.0#

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