

Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-22(0-1)-100617

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:50 PM

Quant Time: Jun 23 03:11:26 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	187567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	992549	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	450602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	965757	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	870190	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	920263	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8981	2.28	ng/uL	0.00
5) Phenol-d5	6.95	99	179634	11.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	107212	11.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	170073	13.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	145563	11.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	80670	10.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	95144	10.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	180375	10.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	144306	9.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	587033	14.74	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	702583	14.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	45093m	7.53	ng/ul	0.03
57) Fluorene-d10	15.43	176	499236	15.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	53776	8.11	ng/ul	0.00
70) Anthracene-d10	17.28	188	720312	15.08	ng/ul	0.00
76) Pyrene-d10	19.57	212	732757	16.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	687270	15.49	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.98	94	37567	2.388	ng/ul#	90
28) Naphthalene	10.63	128	127395	2.481	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	50876	1.313	ng/ul	96
44) Dimethylphthalate	13.89	163	324106m	8.123	ng/ul	
69) Phenanthrene	17.22	178	368485	6.707	ng/ul	100
71) Anthracene	17.32	178	82674m	1.454	ng/ul	
73) Di-n-butylphthalate	18.13	149	150974	2.259	ng/ul	99
74) Fluoranthene	19.24	202	799197	12.054	ng/ul	99
77) Pyrene	19.60	202	758086	13.191	ng/ul	97
78) Butylbenzylphthalate	20.49	149	30662	1.199	ng/ul	90
80) Benzo(a)anthracene	21.35	228	412173	7.279	ng/ul	98
82) Chrysene	21.40	228	450020	8.465	ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	773684	12.883	ng/ul#	97
86) Benzo(k)fluoranthene	23.00	252	223140m	3.856	ng/ul	
88) Benzo(a)pyrene	23.56	252	492813	8.707	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.00	276	439095	7.305	ng/ul	97
90) Dibenzo(a,h)anthracene	26.00	278	112318	2.223	ng/ul#	81
91) Benzo(g,h,i)perylene	26.72	276	379248	7.703	ng/ul	97

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

Data File : BM012299.D

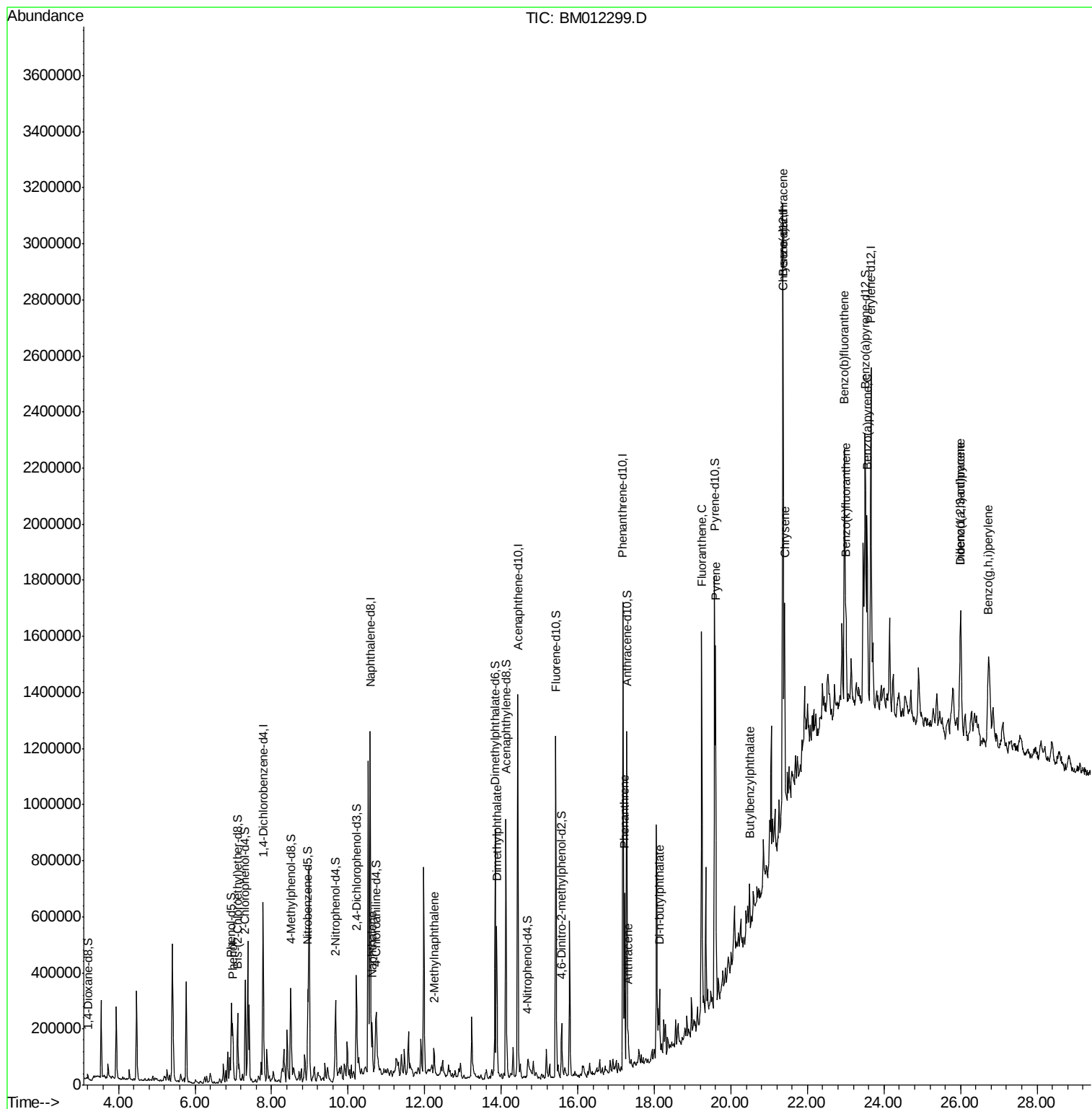
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Acq On       : 19 Oct 2017   03:14
Operator    : SJ/JU
Sample      : I5747-03
Misc       :
ALS Vial    : 18      Sample Multip
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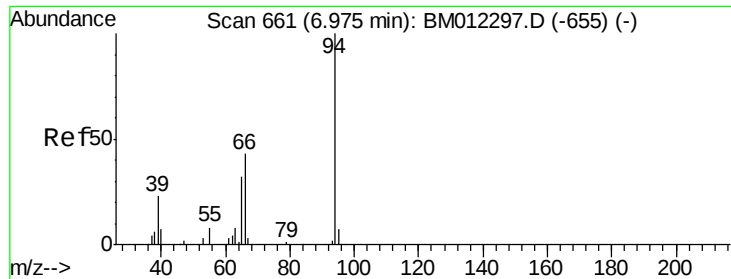
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 2.388 ng/ul

RT: 6.98 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Instrument :

BNA_M

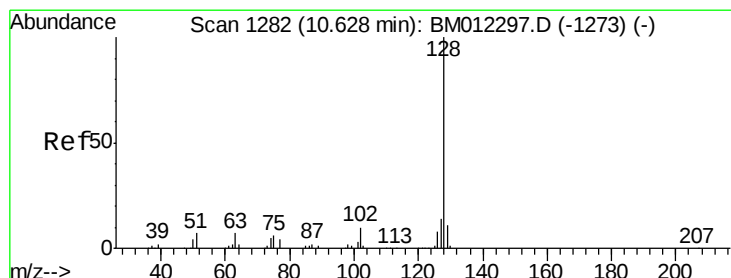
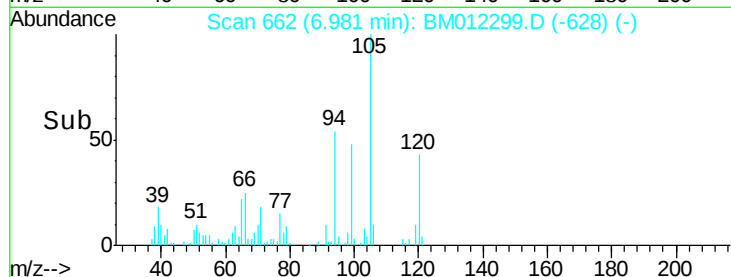
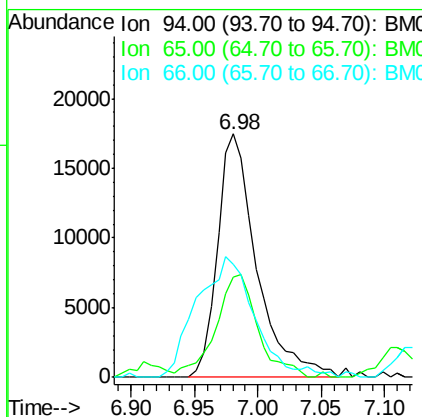
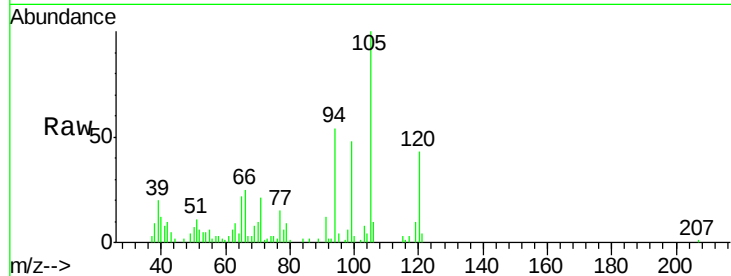
ClientSampleId :

B-22(0-1)-100617

Tgt Ion:	94	Resp:	37567
Ion Ratio	Lower	Upper	
94	100		
65	41.1	24.4	36.6#
66	46.4	35.0	52.4

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#28

Naphthalene

Concen: 2.481 ng/ul

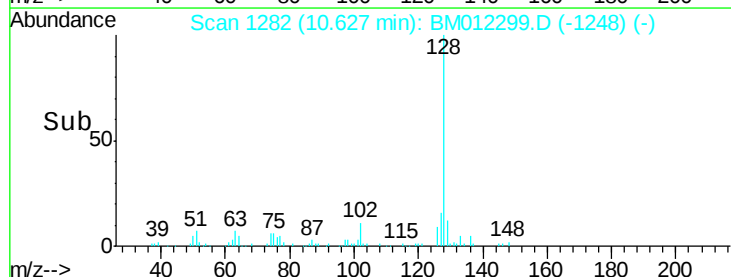
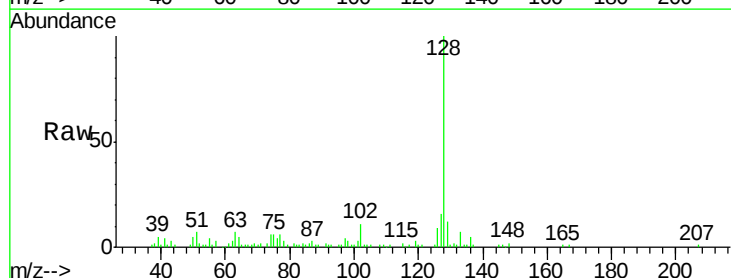
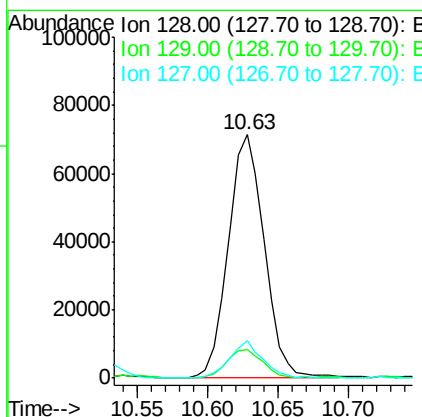
RT: 10.63 min Scan# 1282

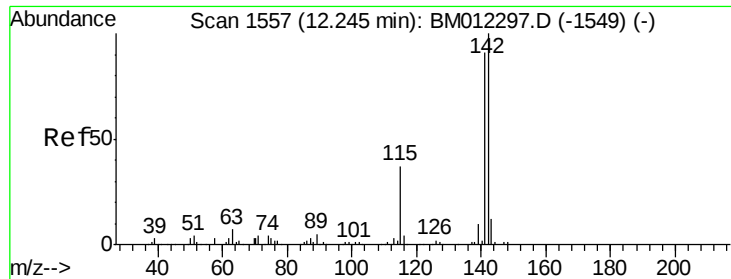
Delta R.T. -0.00 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Tgt Ion:	128	Resp:	127395
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.2	13.8
127	15.6	11.4	17.0





#34

2-Methylnaphthalene

Concen: 1.313 ng/ul

RT: 12.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Instrument :

BNA_M

ClientSampleId :

B-22(0-1)-100617

Tgt Ion:142 Resp: 50876

Ion Ratio Lower Upper

142 100

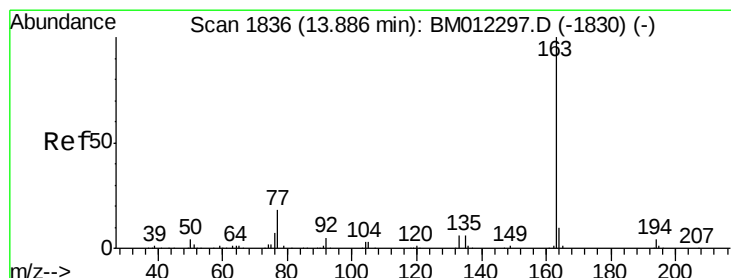
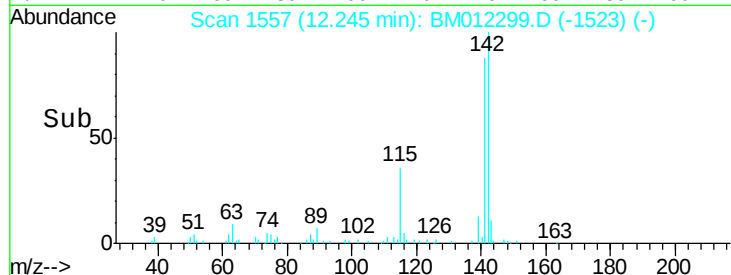
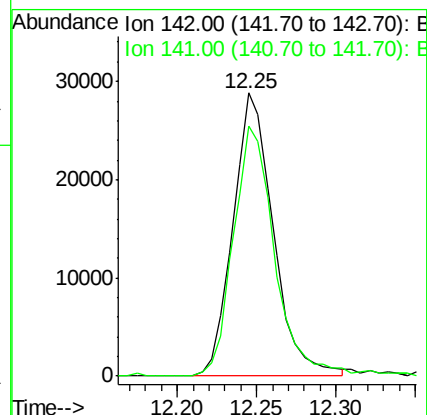
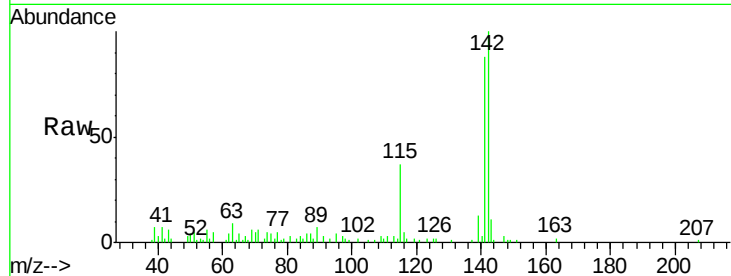
141 88.5 73.6 110.4

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#44

Dimethylphthalate

Concen: 8.123 ng/ul m

RT: 13.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

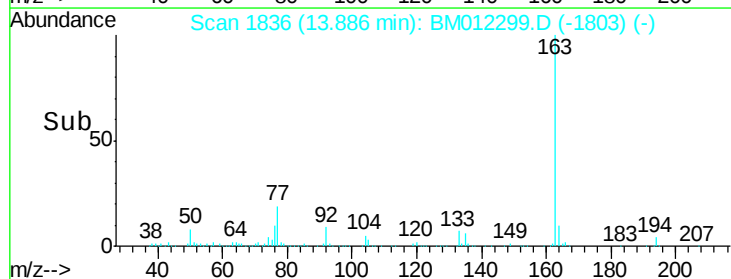
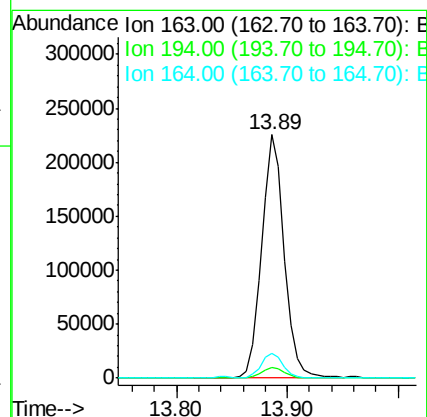
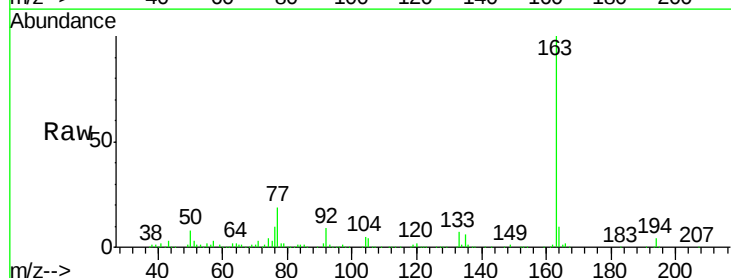
Tgt Ion:163 Resp: 324106

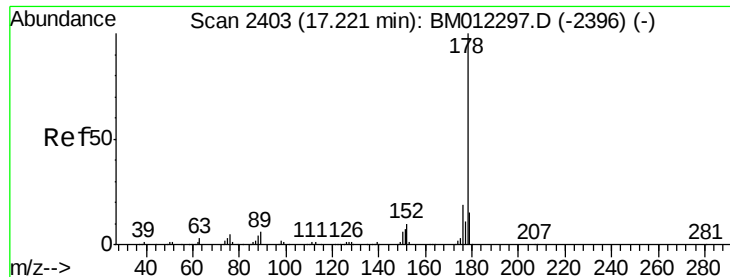
Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

164 10.2 8.1 12.1





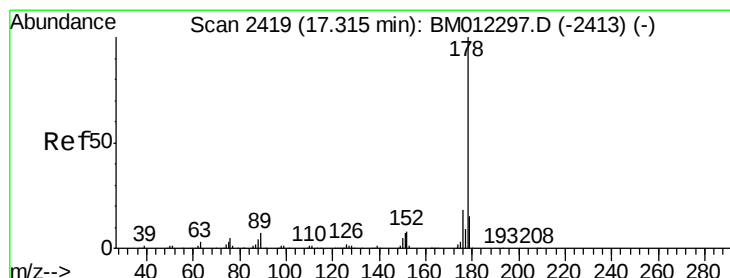
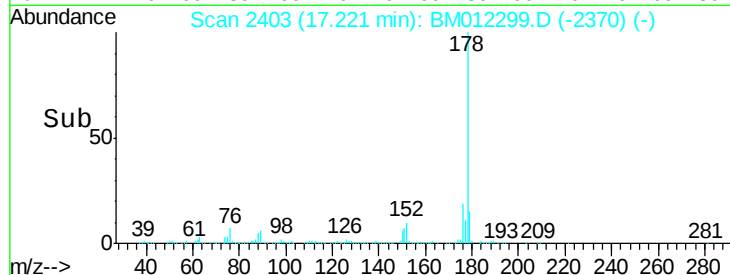
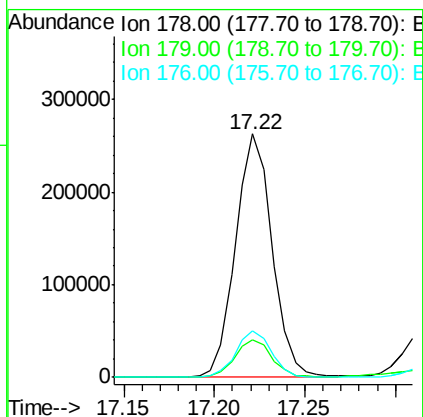
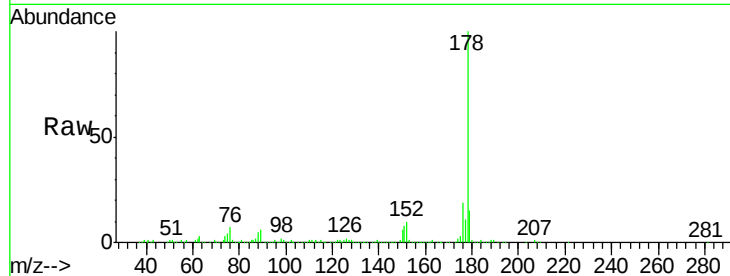
#69
Phenanthrene
Concen: 6.707 ng/ul
RT: 17.22 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM012299.D
Acq: 19 Oct 2017 03:14

Instrument :
BNA_M
ClientSampleId :
B-22(0-1)-100617

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	18.8	15.0	22.6

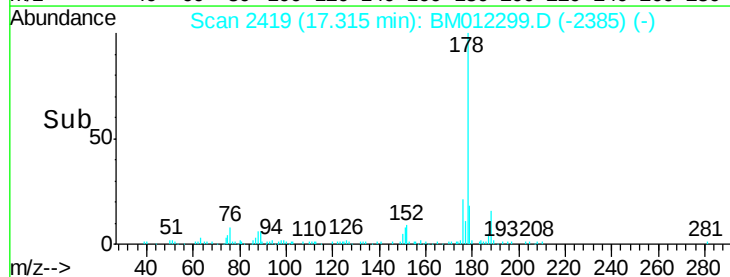
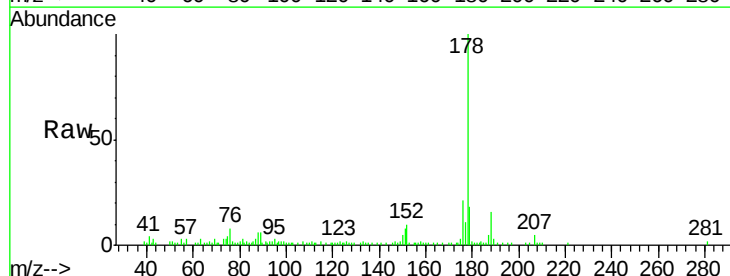
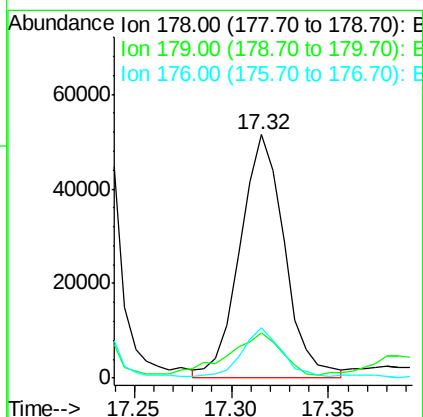
Manual Integrations
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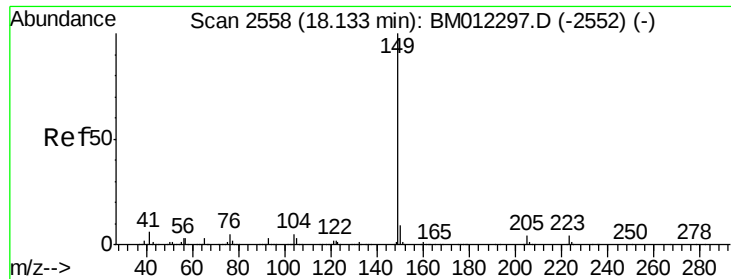
Sohil
10/23/2017 3:49:50 PM



#71
Anthracene
Concen: 1.454 ng/ul m
RT: 17.32 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM012299.D
Acq: 19 Oct 2017 03:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.2	18.4#
176	20.9	14.7	22.1





#73

Di-n-butylphthalate

Concen: 2.259 ng/ul

RT: 18.13 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Instrument :

BNA_M

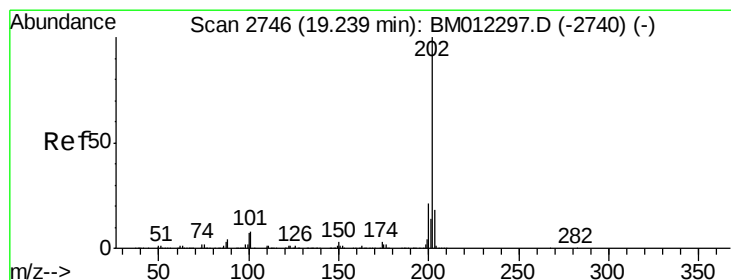
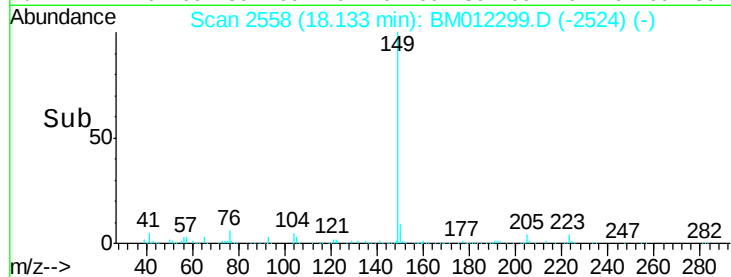
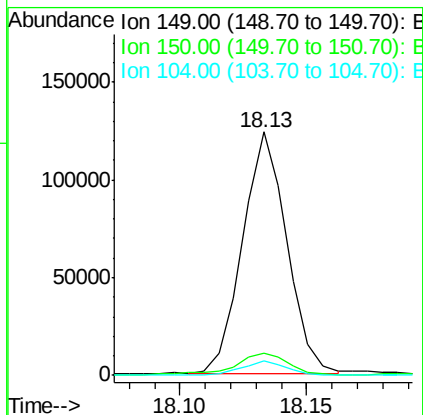
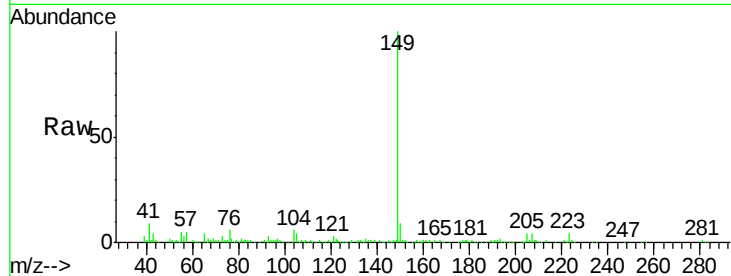
ClientSampleId :

B-22(0-1)-100617

Tgt Ion:	149	Resp:	150974
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.0
104	5.7	4.2	6.4

Manual Integrations
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#74

Fluoranthene

Concen: 12.054 ng/ul

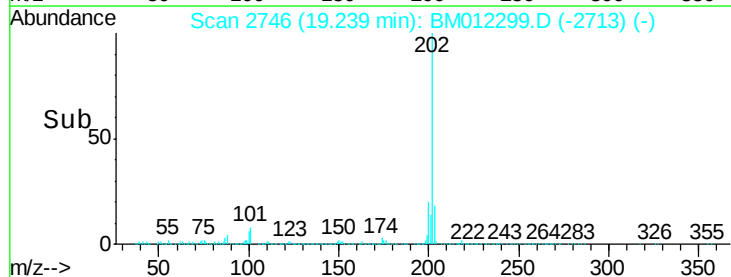
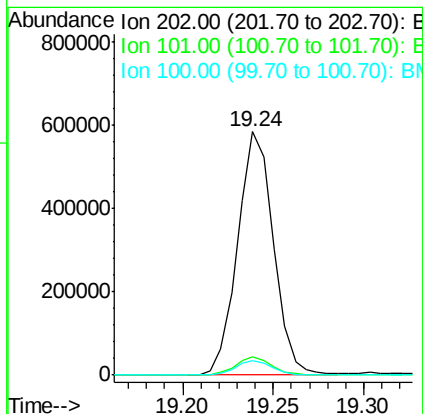
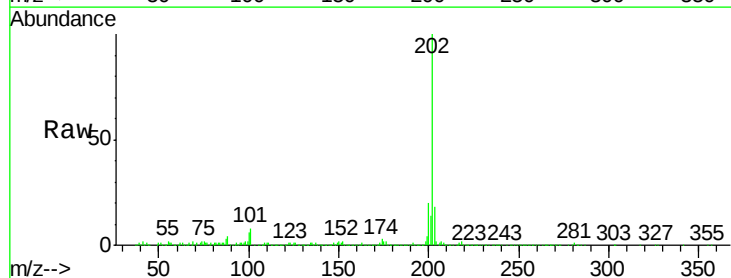
RT: 19.24 min Scan# 2746

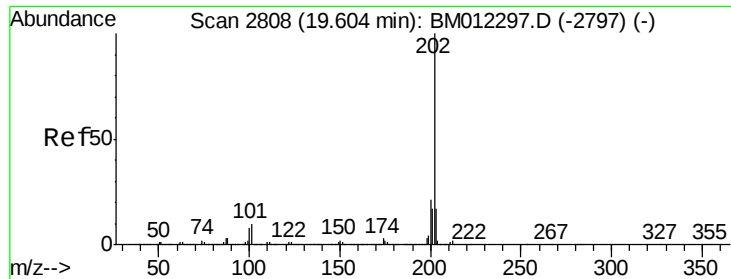
Delta R.T. -0.01 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Tgt Ion:	202	Resp:	799197
Ion Ratio	Lower	Upper	
202	100		
101	7.6	5.8	8.6
100	5.7	4.3	6.5





#77

Pyrene

Concen: 13.191 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Instrument :

BNA_M

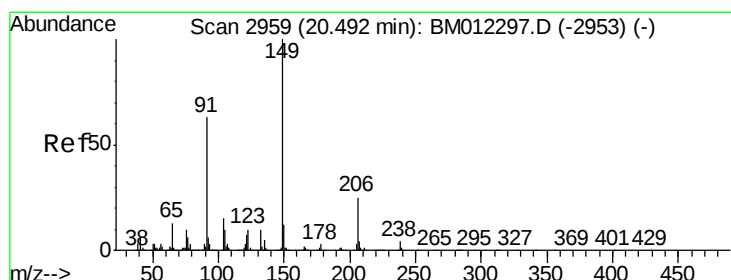
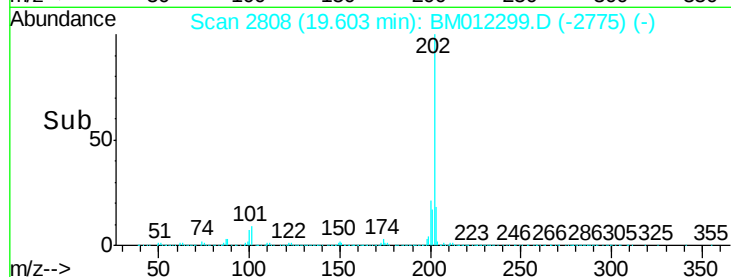
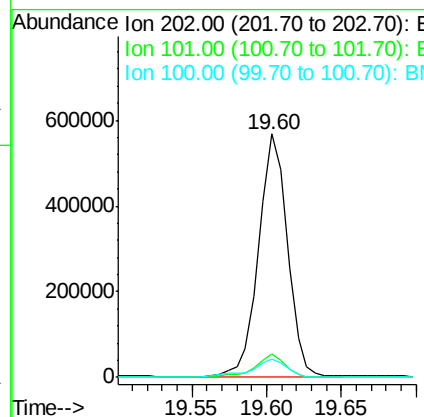
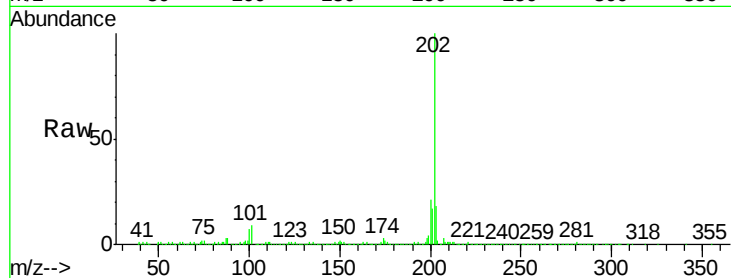
ClientSampleId :

B-22(0-1)-100617

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.5	6.5	9.7
100	7.4	5.6	8.4

Manual Integrations
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#78

Butylbenzylphthalate

Concen: 1.199 ng/ul

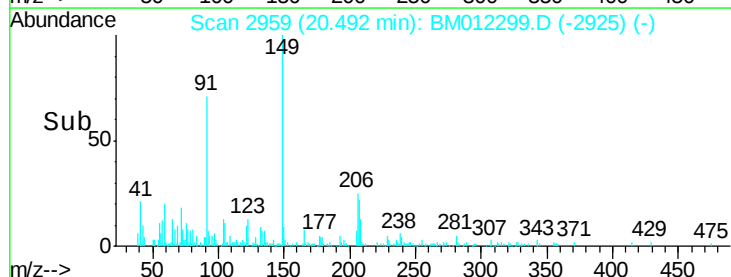
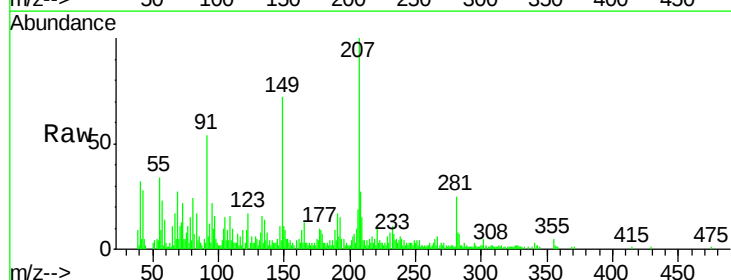
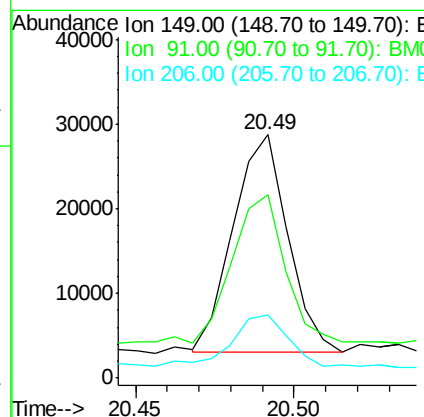
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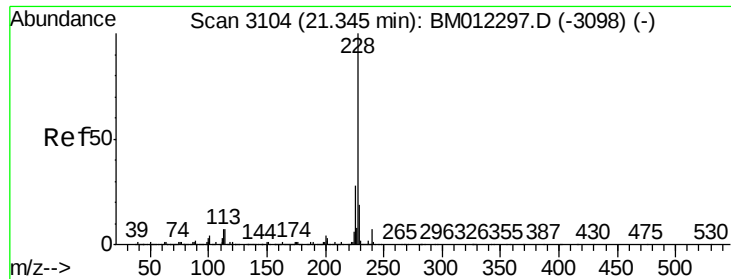
Delta R.T. -0.00 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	75.6	52.8	79.2
206	25.9	19.1	28.7





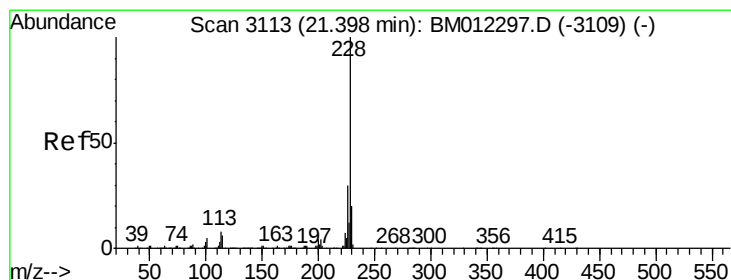
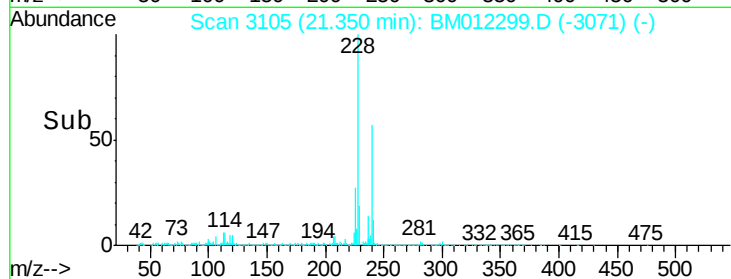
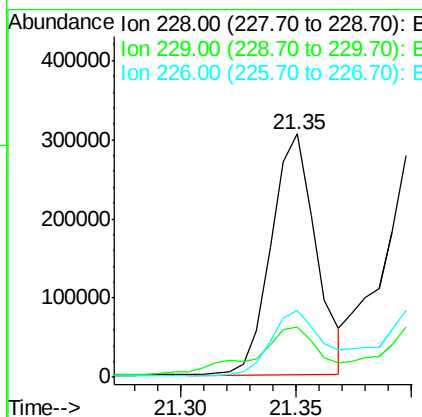
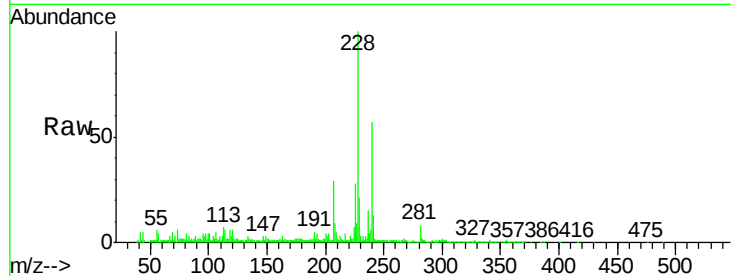
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Benzo(a)anthracene
Concen: 7.279 ng/ul
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM012299.D
Acq: 19 Oct 2017 03:14

Instrument :
BNA_M
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B-22(0-1)-100617

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.8
226	27.6	21.4	32.2

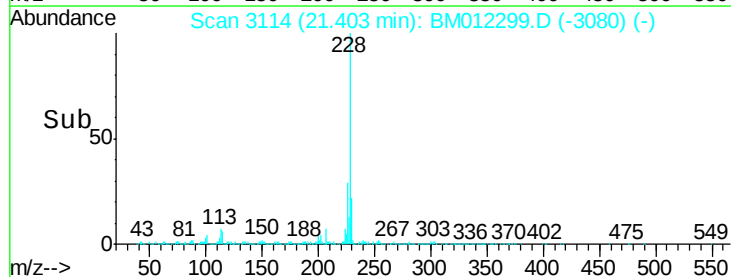
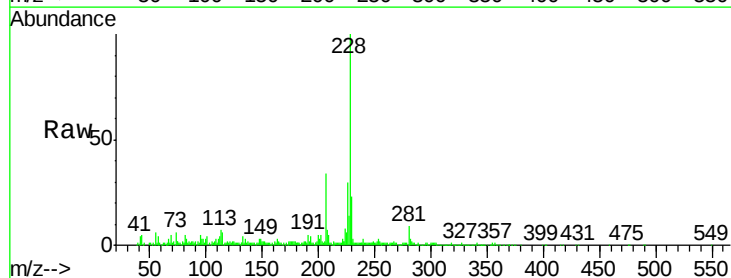
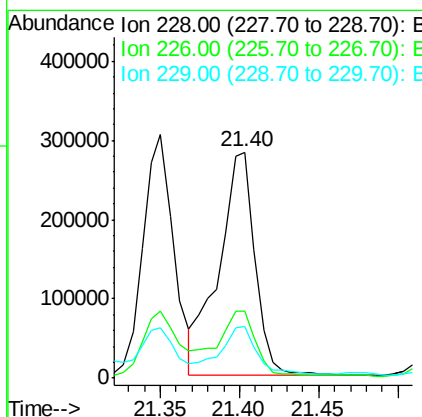
Manual Integrations
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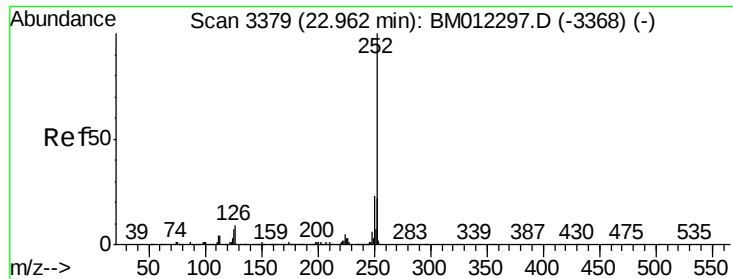
Sohil
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#82
Chrysene
Concen: 8.465 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BM012299.D
Acq: 19 Oct 2017 03:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	22.6	15.5	23.3





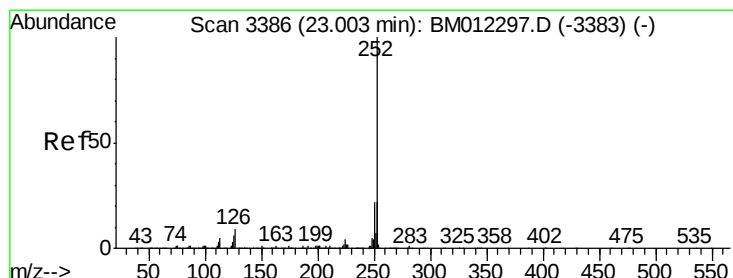
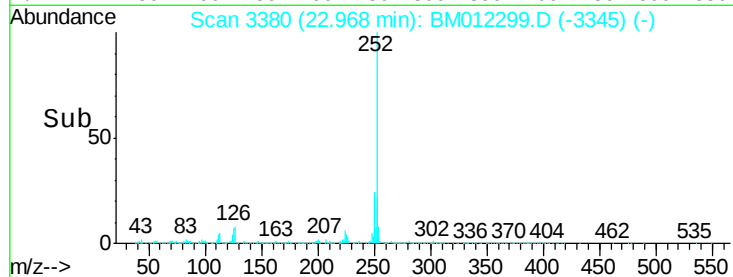
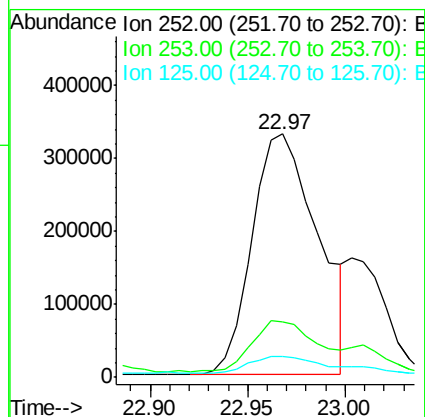
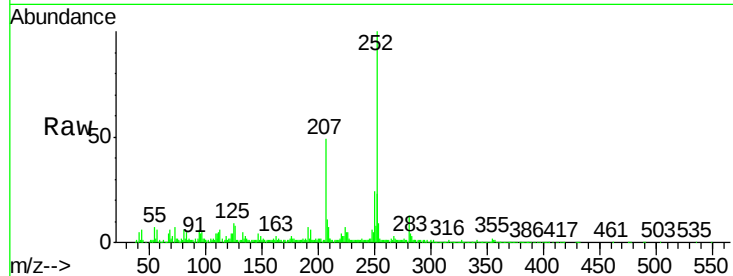
#85
Benzo(b)fluoranthene
Concen: 12.883 ng/ul
RT: 22.97 min Scan# 3380
Delta R.T. 0.01 min
Lab File: BM012299.D
Acq: 19 Oct 2017 03:14

Instrument :
BNA_M
ClientSampleId :
B-22(0-1)-100617

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	8.6	5.1	7.7#

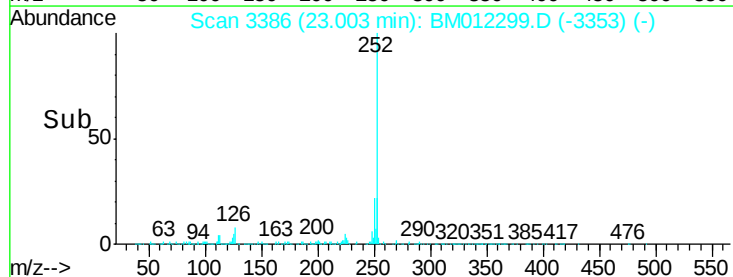
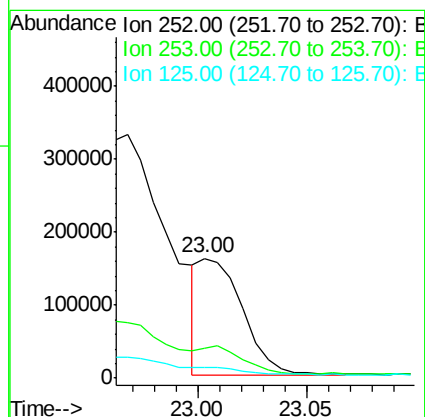
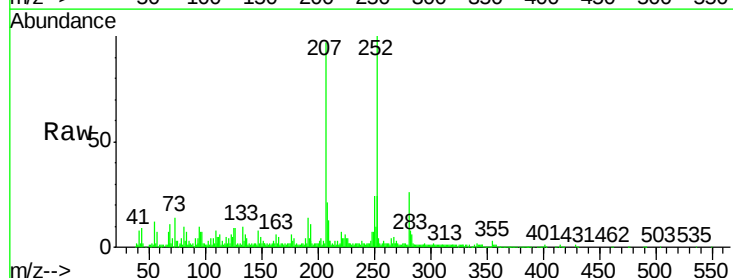
Manual Integrations
APPROVED

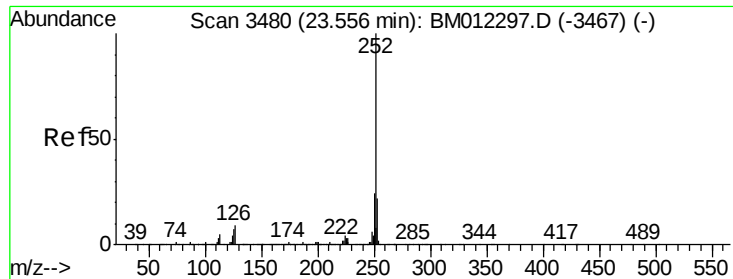
Sohil
10/23/2017 3:49:50 PM



#86
Benzo(k)fluoranthene
Concen: 3.856 ng/ul m
RT: 23.00 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BM012299.D
Acq: 19 Oct 2017 03:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	8.6	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 8.707 ng/ul

RT: 23.56 min Scan# 3480

Delta R.T. -0.00 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Instrument :

BNA_M

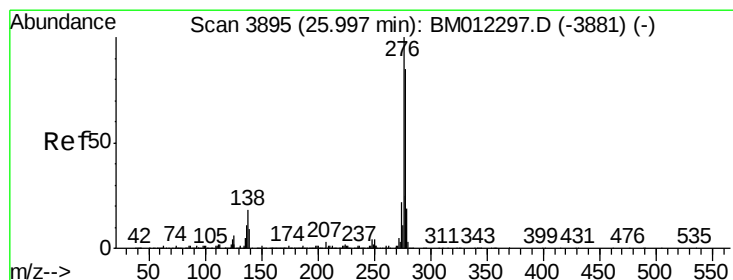
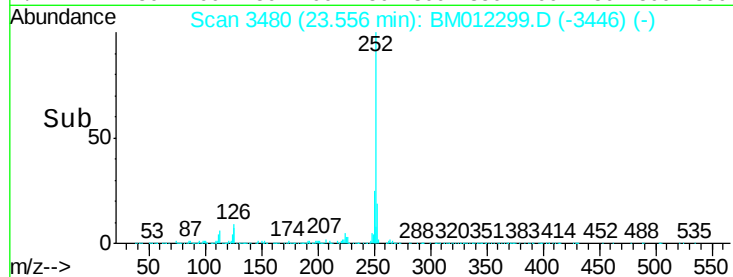
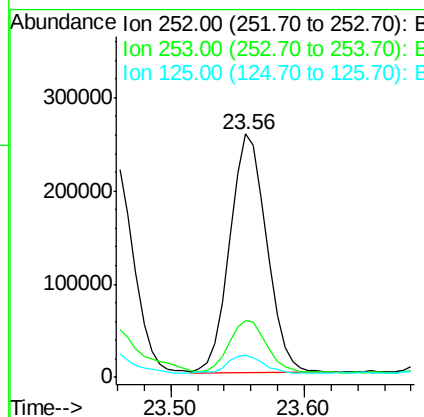
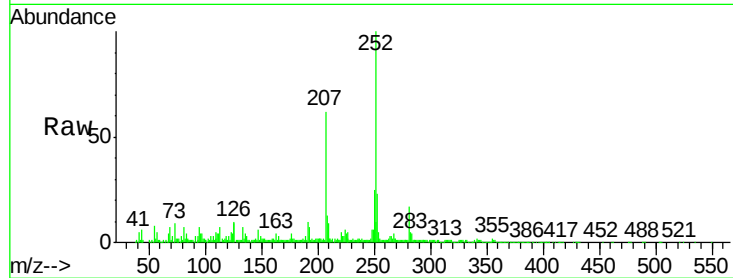
ClientSampleId :

B-22(0-1)-100617

Tgt Ion:	252	Resp:	492813
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	9.2	5.2	7.8#

Manual Integrations
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10/23/2017 3:49:50 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 7.305 ng/ul

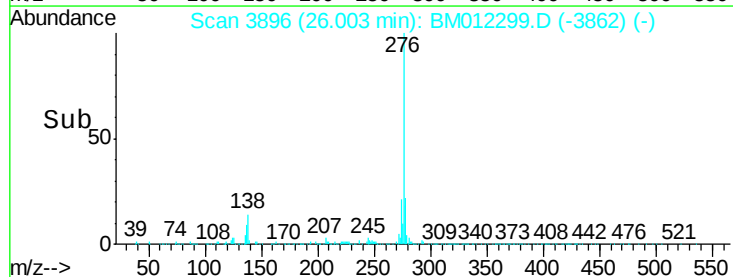
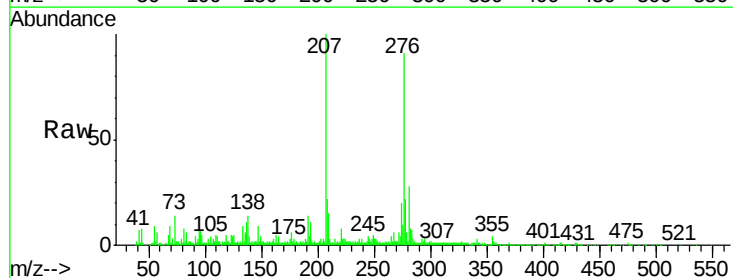
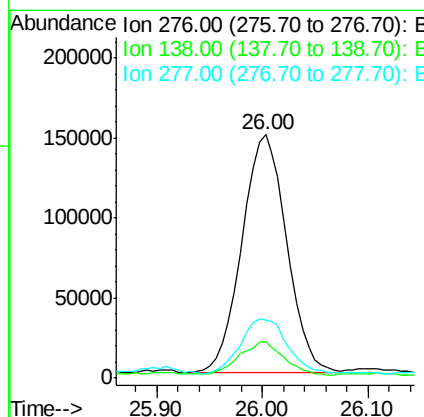
RT: 26.00 min Scan# 3896

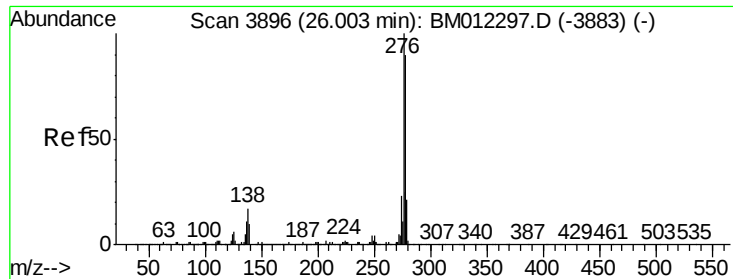
Delta R.T. -0.00 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Tgt Ion:	276	Resp:	439095
Ion Ratio	Lower	Upper	
276	100		
138	15.0	13.2	19.8
277	24.1	20.6	31.0





#90

Dibenzo(a,h)anthracene

Concen: 2.223 ng/ul

RT: 26.00 min Scan# 3895

Delta R.T. -0.01 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Instrument :

BNA_M

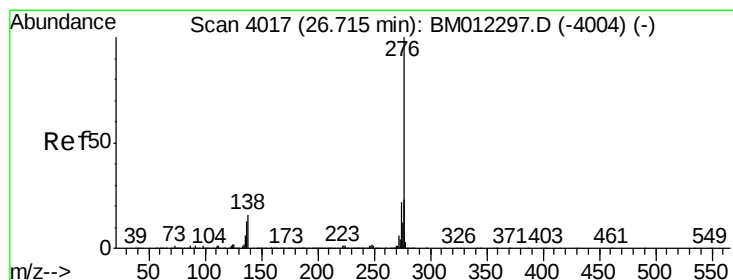
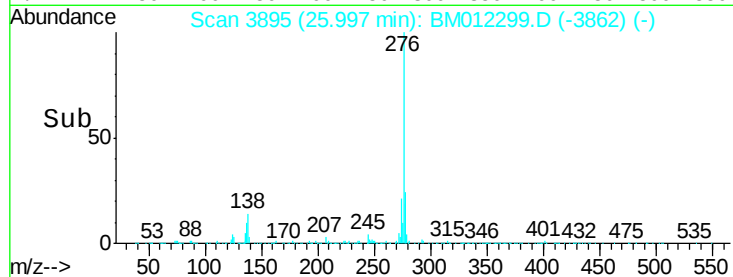
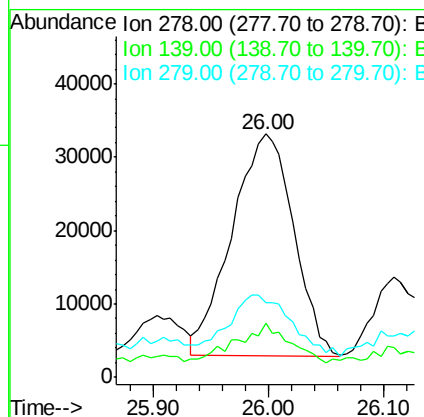
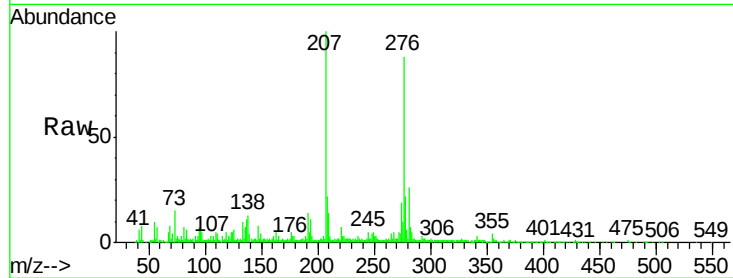
ClientSampleId :

B-22(0-1)-100617

Tgt Ion:	278	Resp:	112318
Ion Ratio	Lower	Upper	
278	100		
139	22.2	8.3	12.5#
279	30.8	19.3	28.9#

Manual Integrations
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Sohil
10/23/2017 3:49:50 PM



#91

Benzo(g,h,i)perylene

Concen: 7.703 ng/ul

RT: 26.72 min Scan# 4018

Delta R.T. -0.01 min

Lab File: BM012299.D

Acq: 19 Oct 2017 03:14

Tgt Ion:	276	Resp:	379248
Ion Ratio	Lower	Upper	
276	100		
138	15.0	10.7	16.1
277	24.6	19.0	28.4

