

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012590.D
 Acq On : 31 Oct 2017 01:13
 Operator : SJ/JU
 Sample : I5886-08MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNE7MS

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:47:24 PM

Quant Time: Oct 31 05:14:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	415684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1583757	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	887358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1978554	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2377514	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2679272	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	29844	3.67	ng/uL	0.00
5) Phenol-d5	7.02	99	531862	15.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	341004	16.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	445869	17.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	412075	13.88	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	212823	21.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	232067	22.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	443102	16.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	128417	4.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1211002	15.62	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1582719	17.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	141677	12.29	ng/ul	0.00
57) Fluorene-d10	15.48	176	1095938	16.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	148825	15.54	ng/ul	0.00
70) Anthracene-d10	17.33	188	1610236	17.08	ng/ul	0.00
76) Pyrene-d10	19.62	212	1875481	17.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2082221	16.36	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.05	94	587525	16.250	ng/ul#	81
10) 2-Chlorophenol	7.42	128	425343	15.981	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.66	70	274632	10.792	ng/ul#	62
33) 4-Chloro-3-methylphenol	11.93	107	397496	13.398	ng/ul	99
49) Acenaphthene	14.55	153	834546	13.922	ng/ul	99
52) 4-Nitrophenol	14.70	109	125647	10.747	ng/ul#	81
54) 2,4-Dinitrotoluene	14.85	165	275269	15.083	ng/ul#	78
68) Pentachlorophenol	16.88	266	245182	17.099	ng/ul	100
69) Phenanthrene	17.27	178	190412	1.780	ng/ul	97
74) Fluoranthene	19.28	202	536967	4.429	ng/ul#	91
77) Pyrene	19.64	202	2336092	17.279	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	250051	1.756	ng/ul	97
82) Chrysene	21.43	228	302972	2.393	ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	476097	2.875	ng/ul#	97
86) Benzo(k)fluoranthene	23.04	252	162517m	1.043	ng/ul	
88) Benzo(a)pyrene	23.59	252	286836	1.816	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.02	276	250617	1.348	ng/ul#	91
91) Benzo(g,h,i)perylene	26.74	276	204189	1.356	ng/ul#	93

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

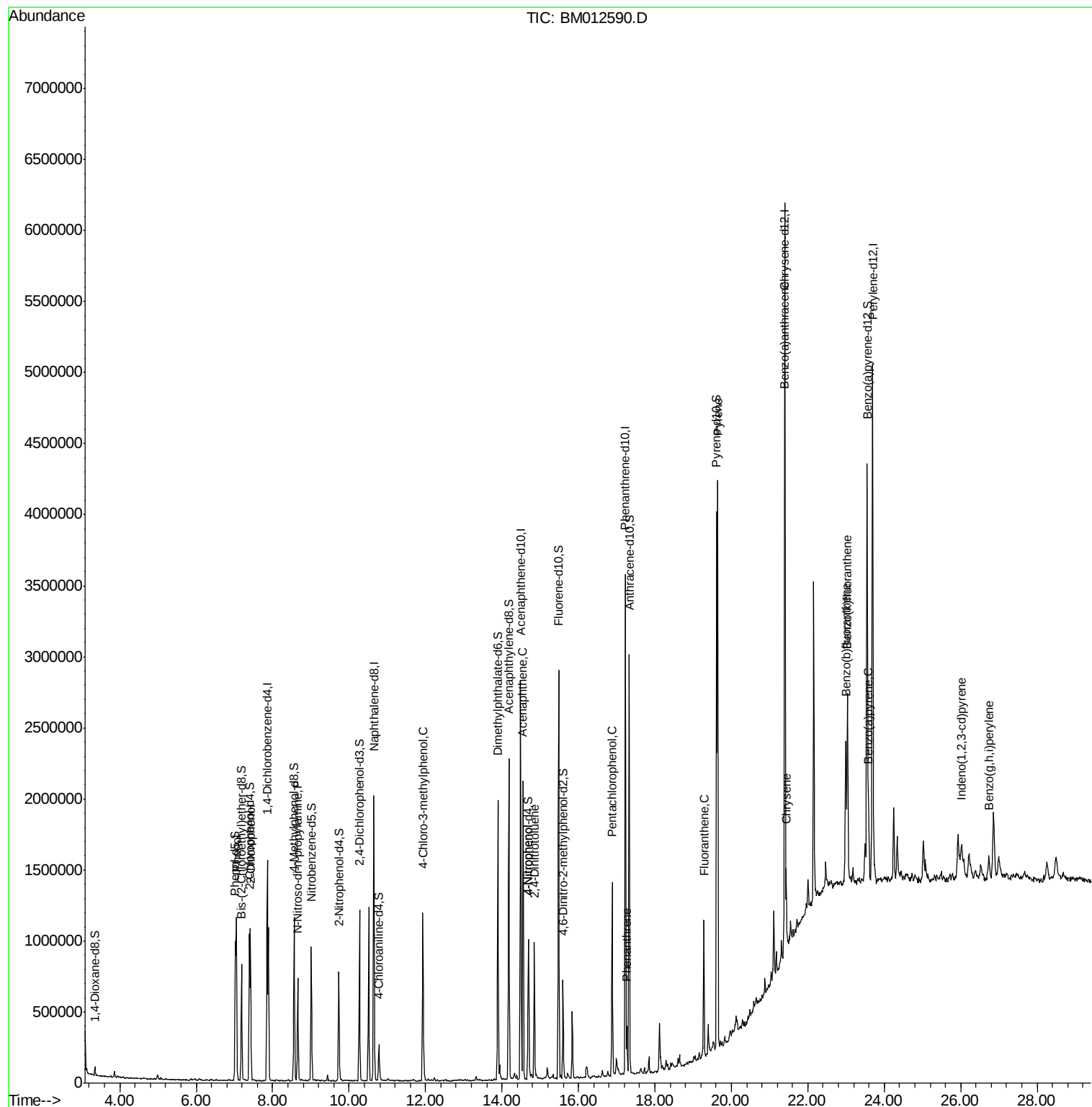
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
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ALS Vial : 22 Sample Multiplier: 1

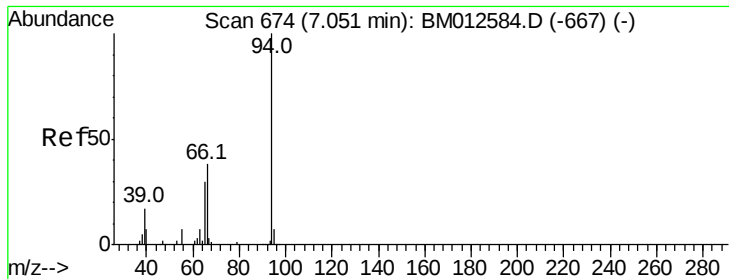
Instrument :
BNA_M
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ESNE7MS

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Quant Time: Oct 31 05:14:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 16.250 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

ClientSampled :

ESNE7MS

Tot Ion: 94 Resp: 587525

Ion Ratio Lower Upper

94 100

65 30.2 28.2 42.4

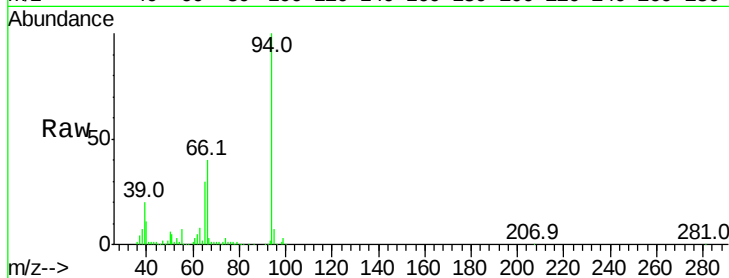
66 40.4 47.2 70.8#

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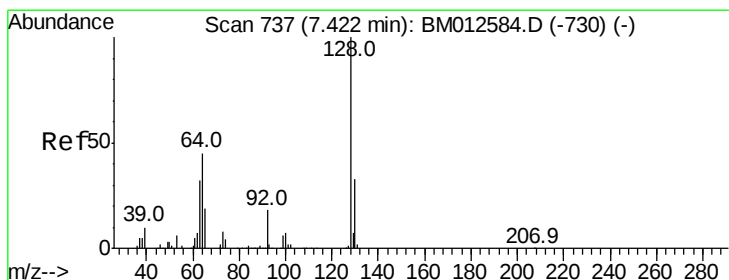
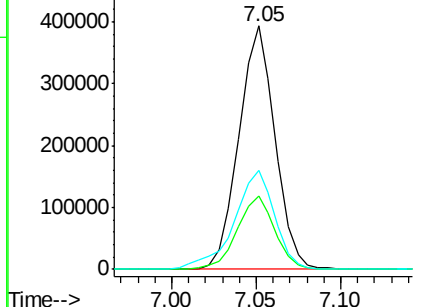
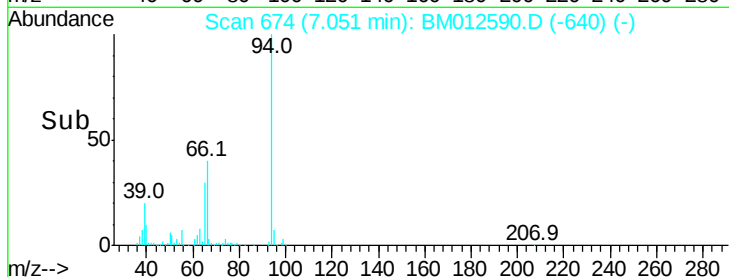
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Abundance Ion 94.00 (93.70 to 94.70): BM012584.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM012584.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM012584.D (-667) (-)



#10

2-Chlorophenol

Concen: 15.981 ng/ul

RT: 7.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

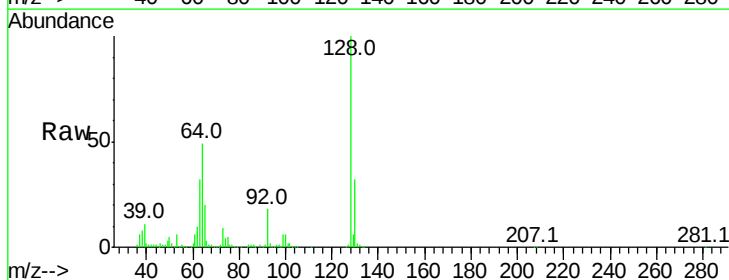
Tgt Ion:128 Resp: 425343

Ion Ratio Lower Upper

128 100

64 49.2 38.0 57.0

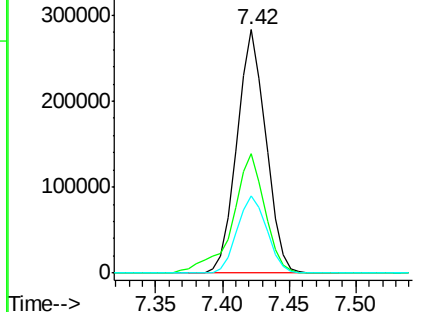
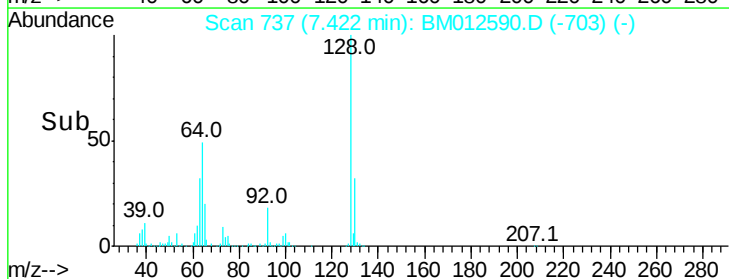
130 31.7 24.4 36.6

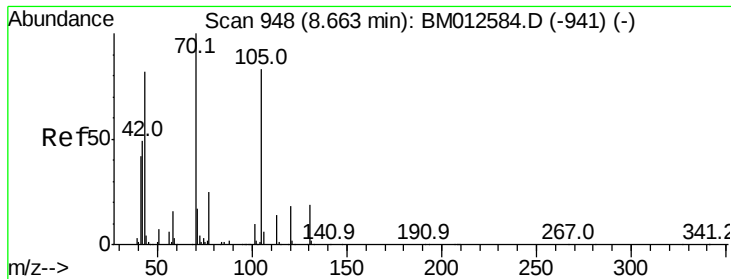


Abundance Ion 128.00 (127.70 to 128.70): BM012584.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM012584.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM012584.D (-730) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 10.792 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

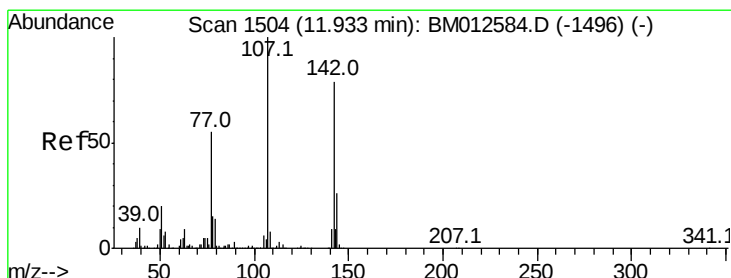
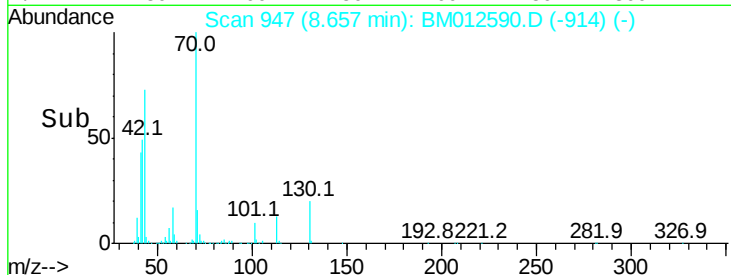
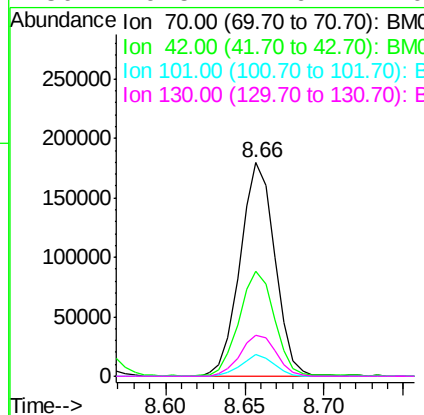
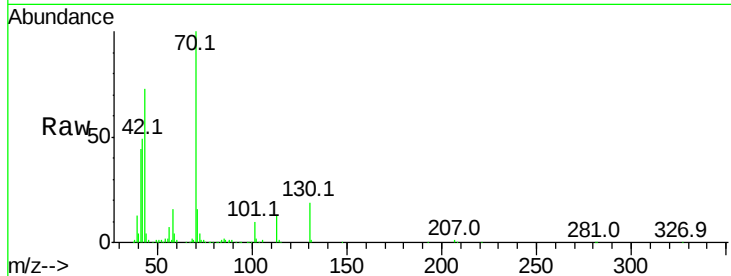
ClientSampleId :

ESNE7MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.0	76.0	114.0#	
101	10.3	6.7	10.1#	
130	19.5	14.6	22.0	

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#33

4-Chloro-3-methylphenol

Concen: 13.398 ng/ul

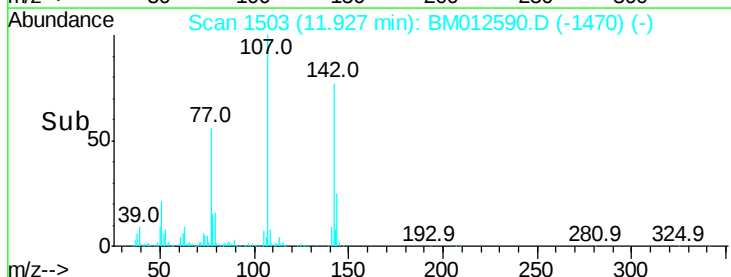
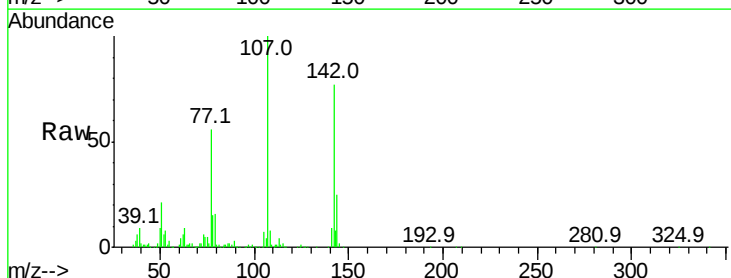
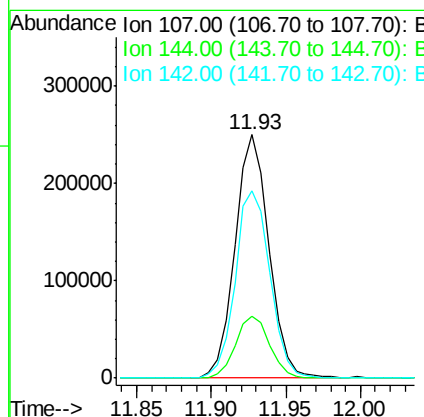
RT: 11.93 min Scan# 1503

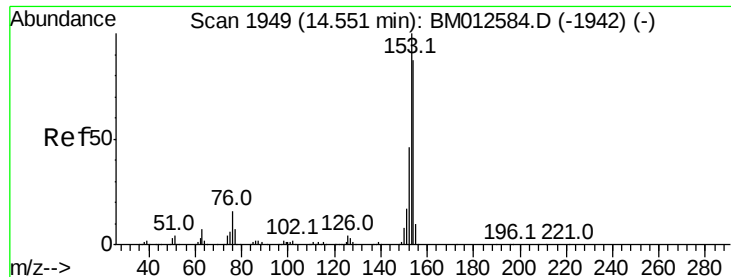
Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	20.4	30.6	
142	77.1	60.5	90.7	





#49

Acenaphthene

Concen: 13.922 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

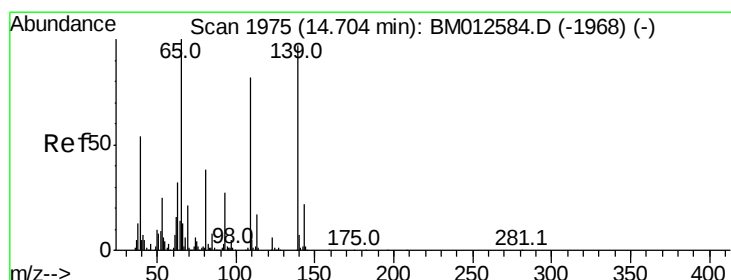
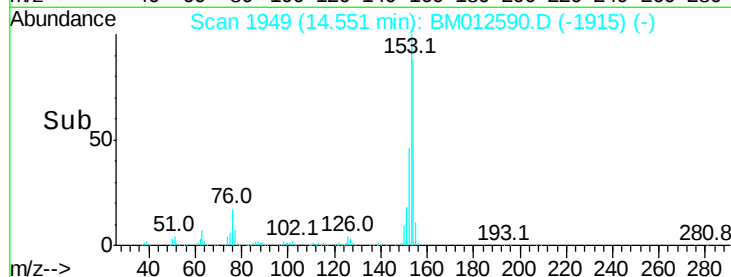
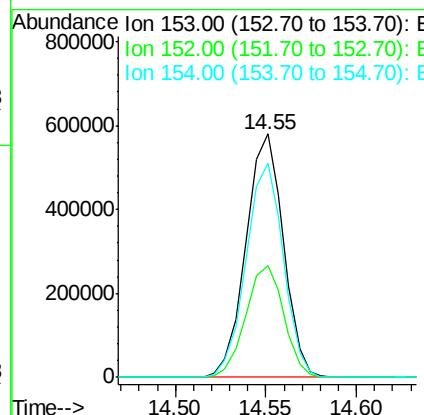
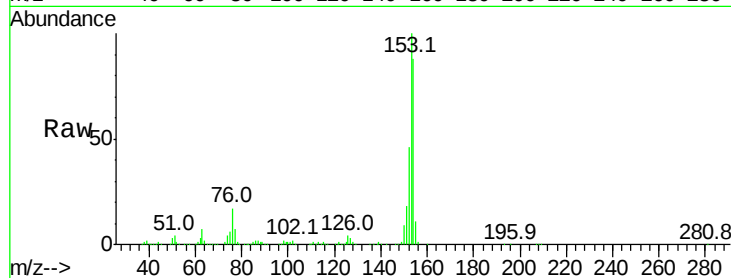
ClientSampleId :

ESNE7MS

Tot Ion:	153	Resp:	834546
Ion Ratio	Lower	Upper	
153	100		
152	46.2	37.6	56.4
154	88.2	70.4	105.6

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#52

4-Nitrophenol

Concen: 10.747 ng/ul

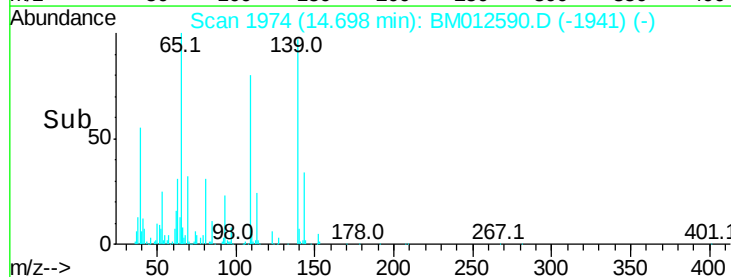
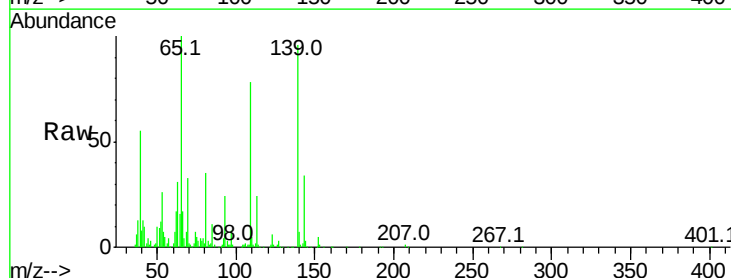
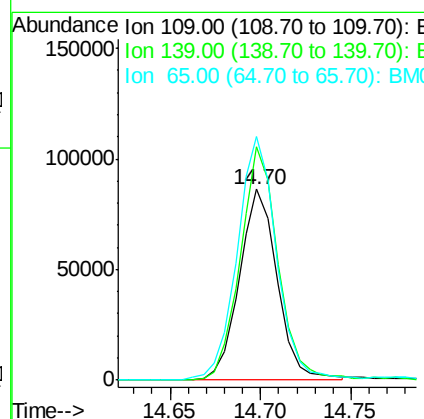
RT: 14.70 min Scan# 1974

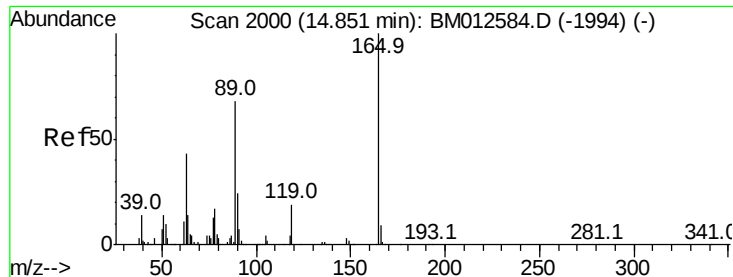
Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Tgt Ion:	109	Resp:	125647
Ion Ratio	Lower	Upper	
109	100		
139	122.1	80.0	120.0#
65	127.6	120.0	180.0





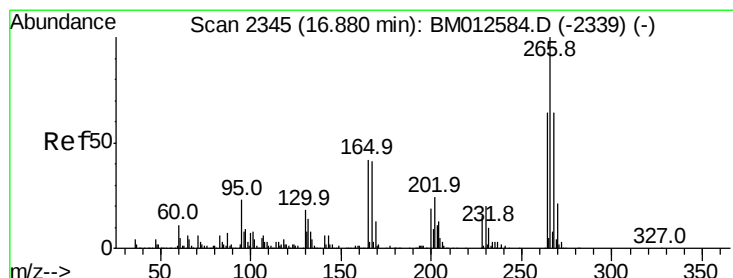
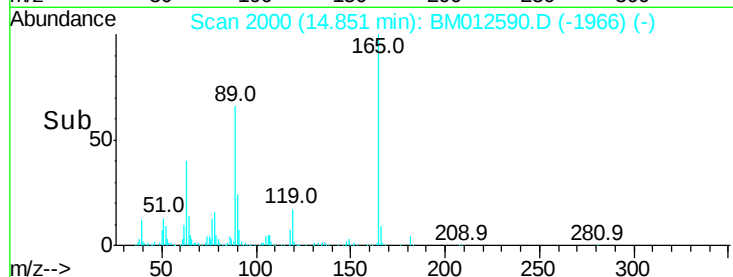
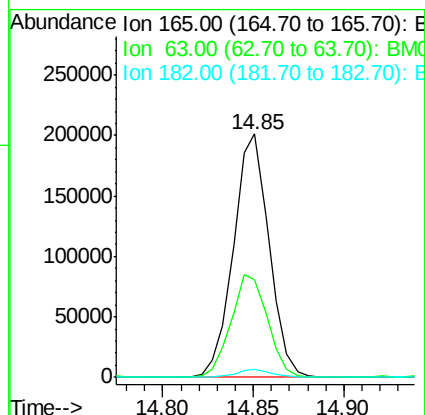
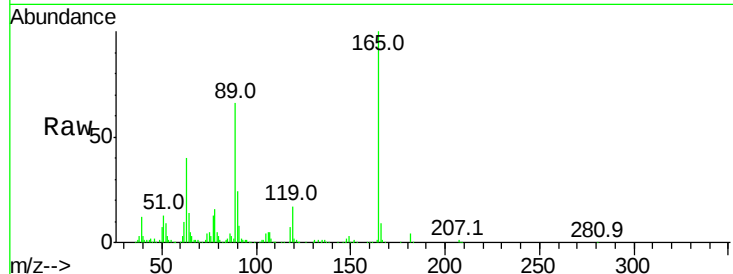
#54
 2,4-Dinitrotoluene
 Concen: 15.083 ng/ul
 RT: 14.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BM012590.D
 Acq: 31 Oct 2017 01:13

Instrument :
 BNA_M
 ClientSampleId :
 ESNE7MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	275269		
63	40.3	45.8	68.8#	
182	3.5	2.6	4.0	

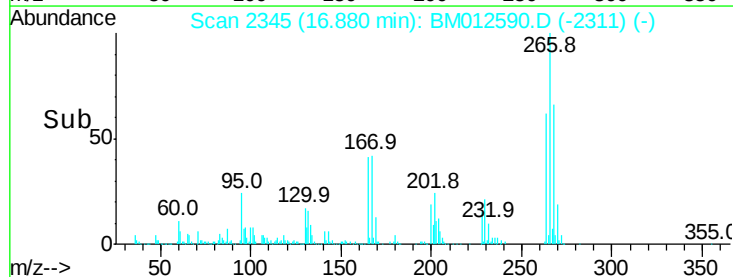
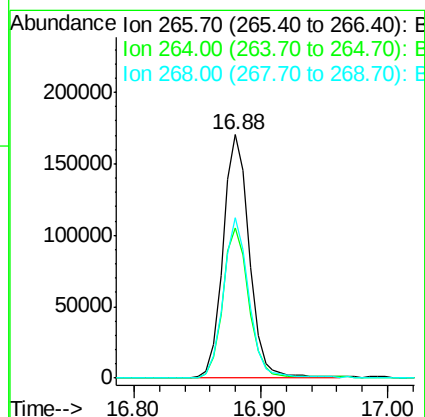
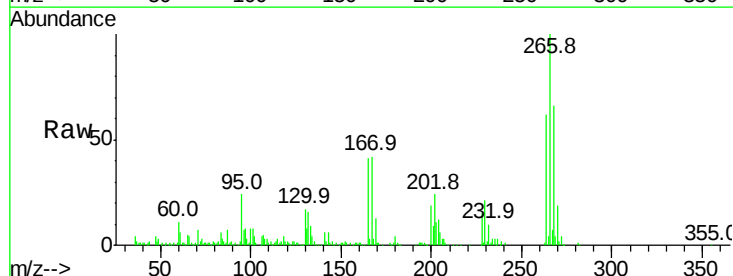
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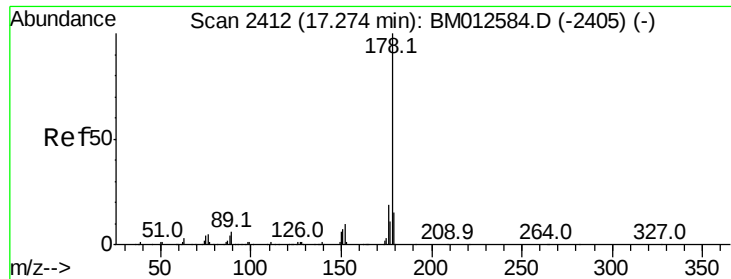
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#68
 Pentachlorophenol
 Concen: 17.099 ng/ul
 RT: 16.88 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: BM012590.D
 Acq: 31 Oct 2017 01:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	245182		
264	61.9	49.3	73.9	
268	65.8	52.6	78.8	





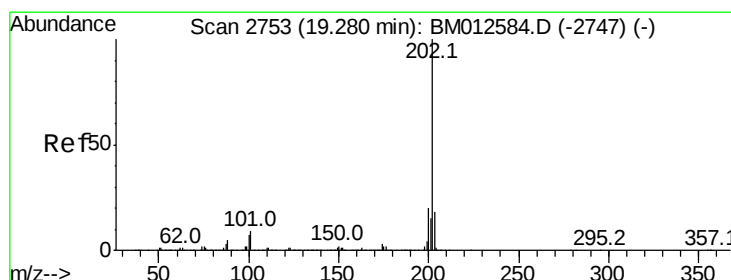
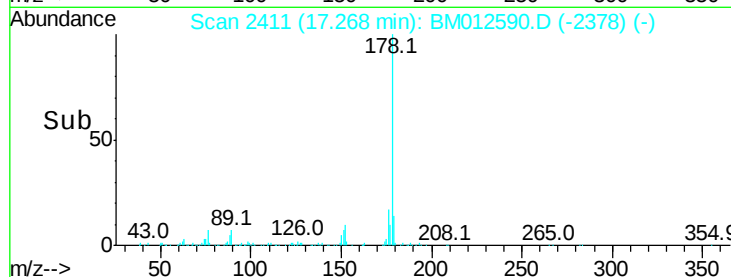
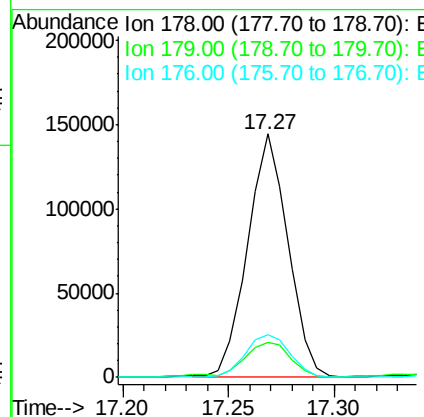
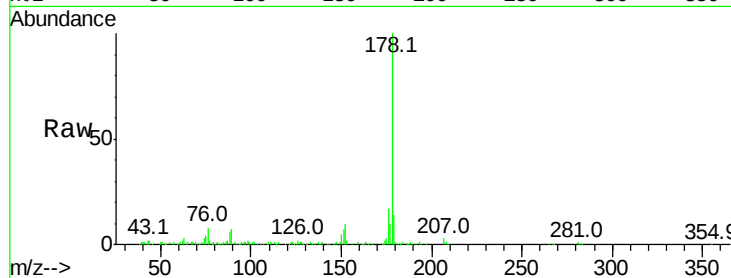
#69
Phenanthrene
Concen: 1.780 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

Instrument :
BNA_M
ClientSampleId :
ESNE7MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	19.0
176	17.4	14.9	22.3

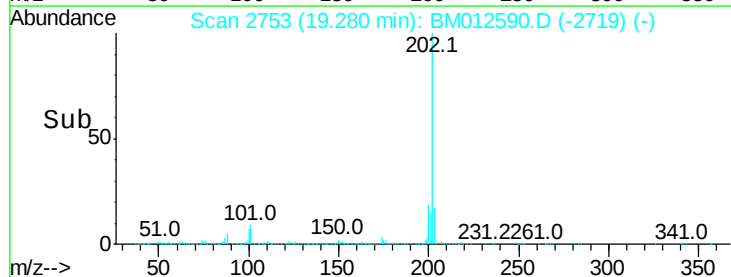
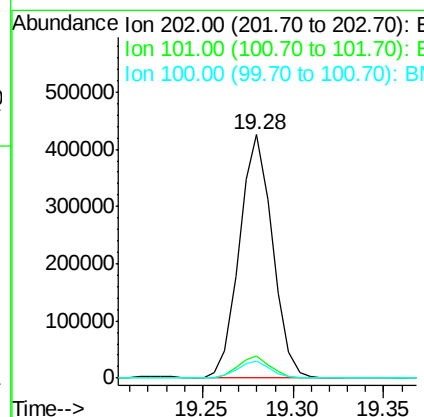
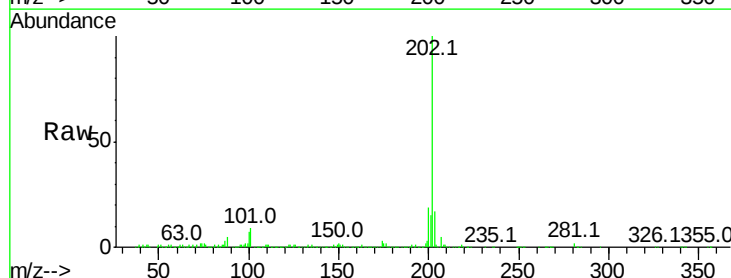
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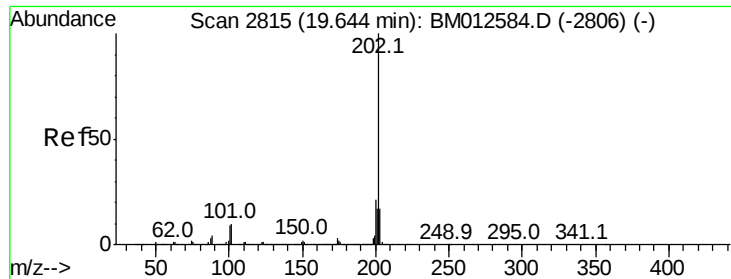
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#74
Fluoranthene
Concen: 4.429 ng/ul
RT: 19.28 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	4.6	7.0#
100	6.8	3.4	5.2#





#77

Pvrene

Concen: 17.279 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

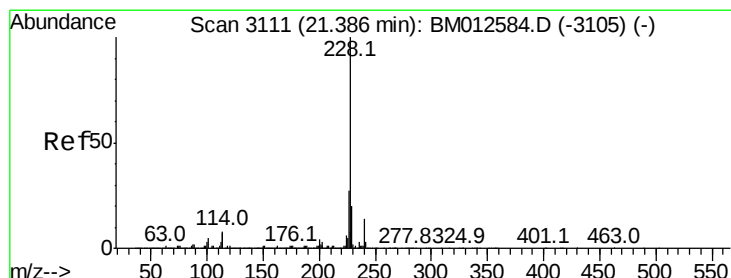
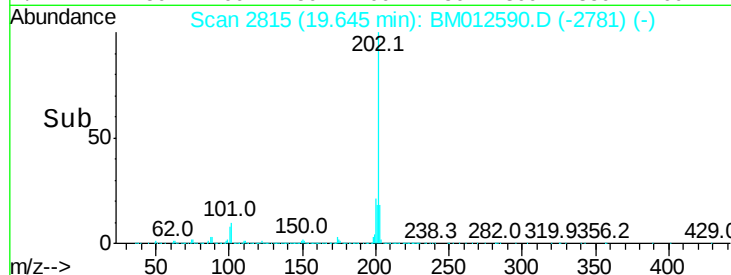
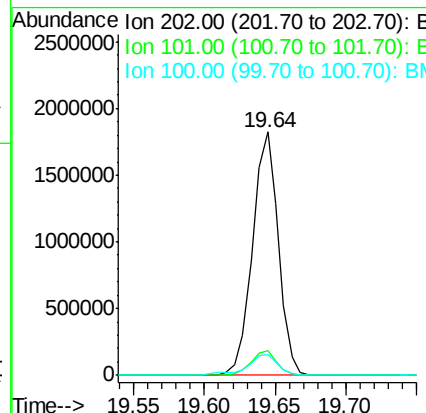
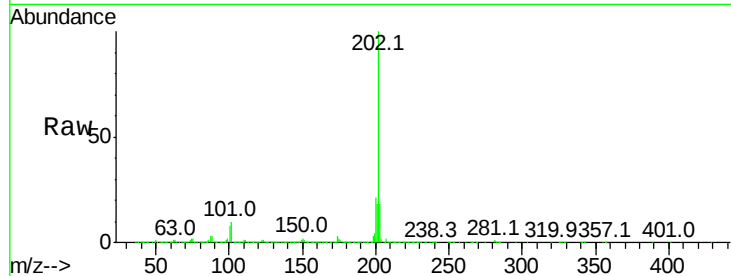
ClientSampleId :

ESNE7MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	5.1	7.7#
100	8.4	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 1.756 ng/ul

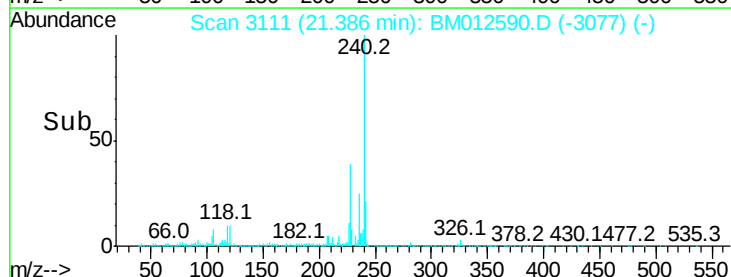
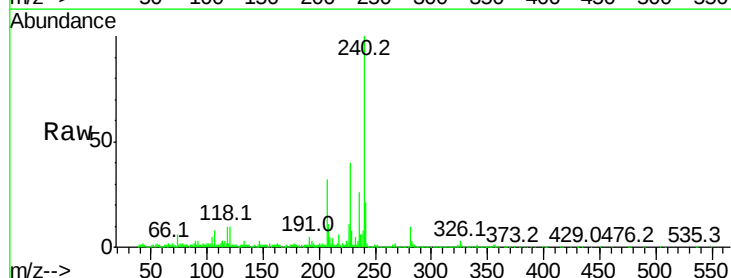
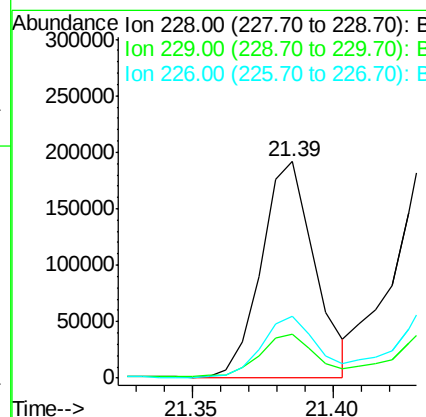
RT: 21.39 min Scan# 3111

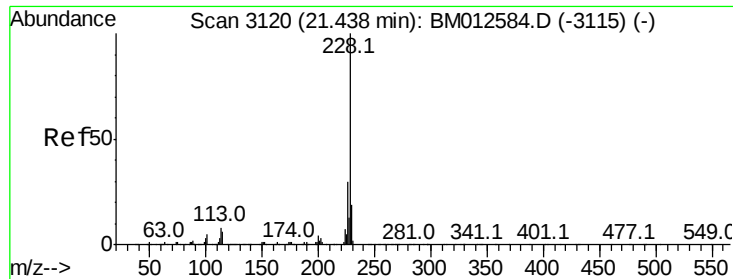
Delta R.T. 0.00 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	28.5	21.4	32.0





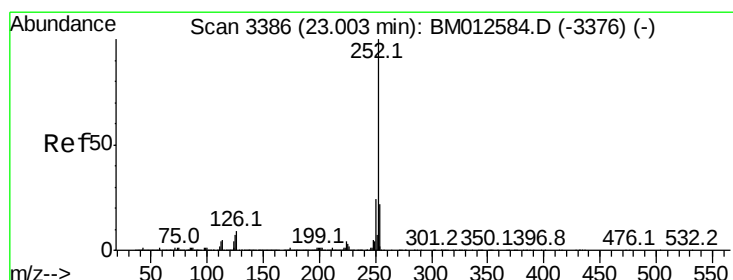
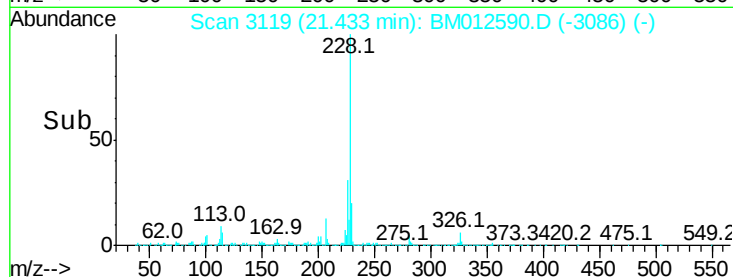
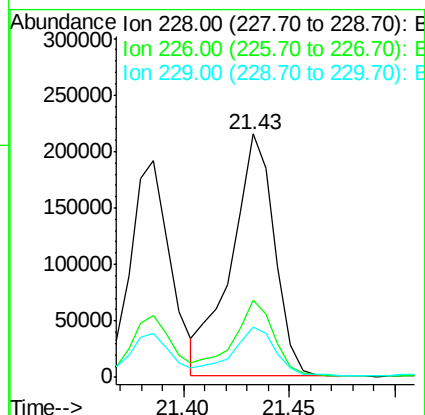
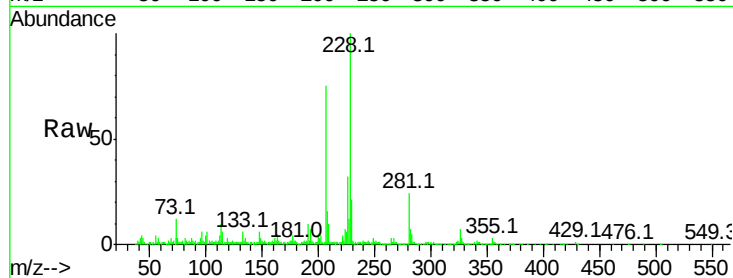
#82
Chrysene
Concen: 2.393 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

Instrument :
BNA_M
ClientSampleId :
ESNE7MS

Tot Ion:	228	Resp:	302972
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.4	35.2
229	20.9	15.5	23.3

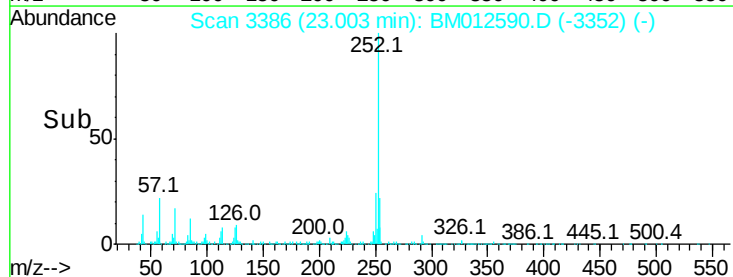
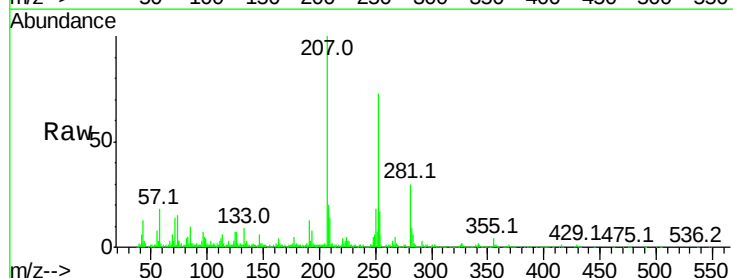
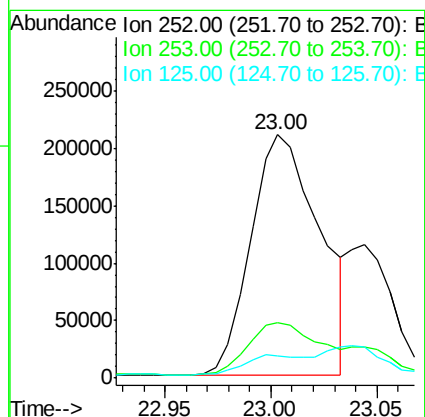
Manual Integrations
APPROVED

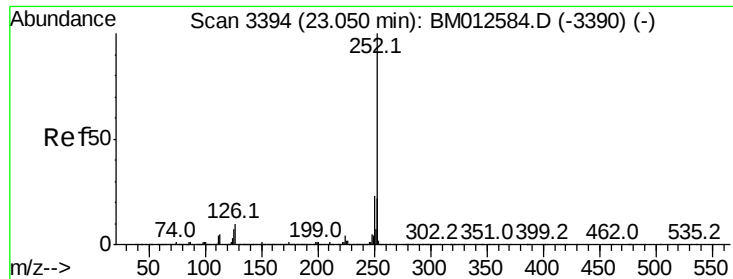
Sohil
10/31/2017 7:47:24 PM



#85
Benzo(b)fluoranthene
Concen: 2.875 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.00 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

Tgt Ion:	252	Resp:	476097
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	9.2	3.6	5.4#





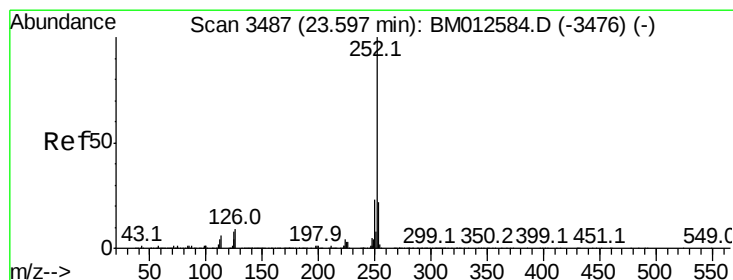
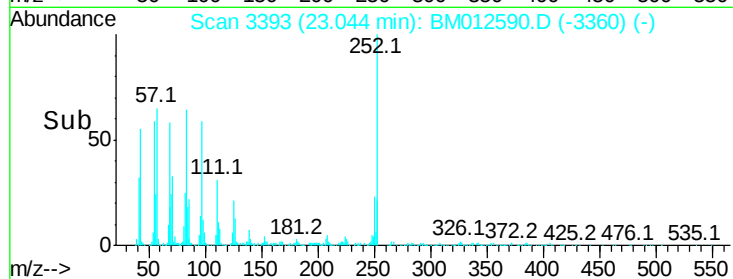
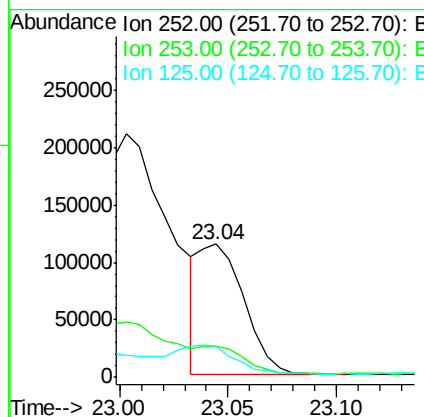
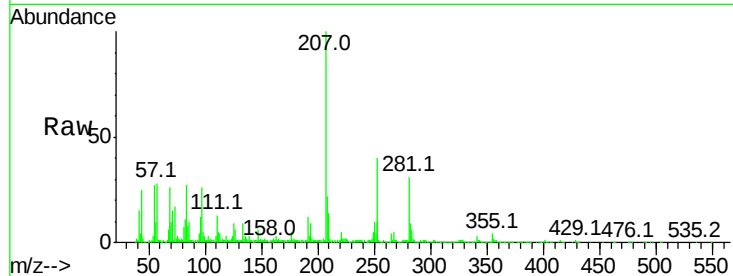
#86
Benzo(k)fluoranthene
Concen: 1.043 ng/ul m
RT: 23.04 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

Instrument :
BNA_M
ClientSampleId :
ESNE7MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	17.1	25.7
125	23.5	3.4	5.2#

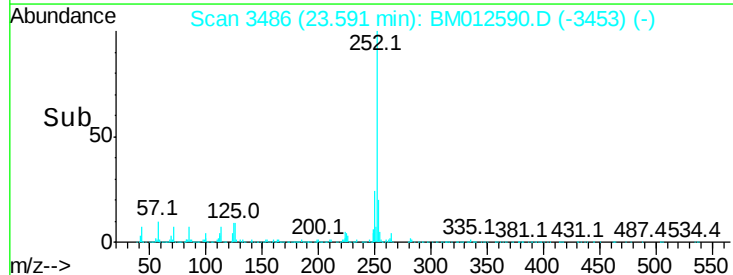
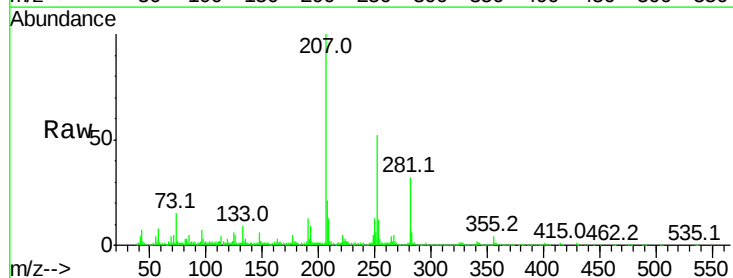
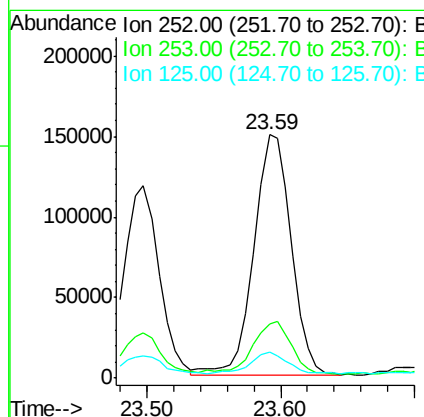
Manual Integrations
APPROVED

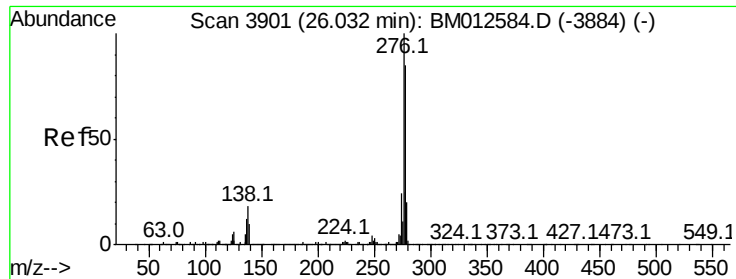
Sohil
10/31/2017 7:47:24 PM



#88
Benzo(a)pyrene
Concen: 1.816 ng/ul
RT: 23.59 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BM012590.D
Acq: 31 Oct 2017 01:13

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.6	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.348 ng/ul

RT: 26.02 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Instrument :

BNA_M

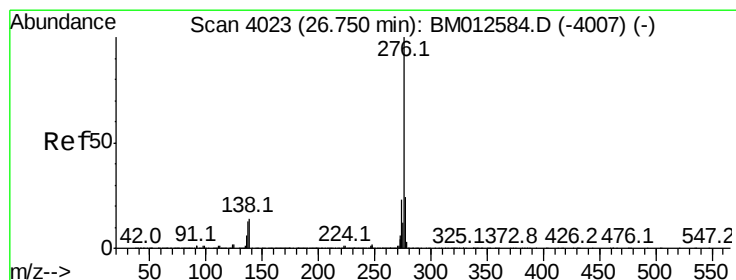
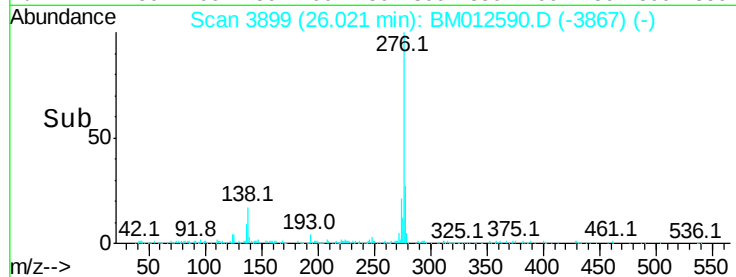
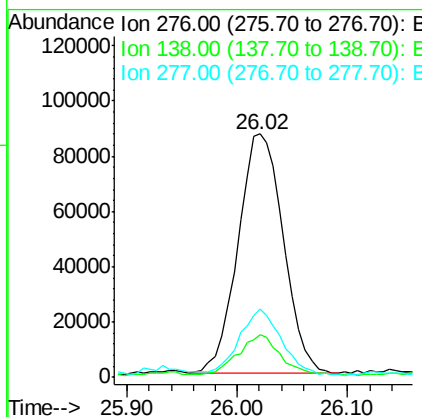
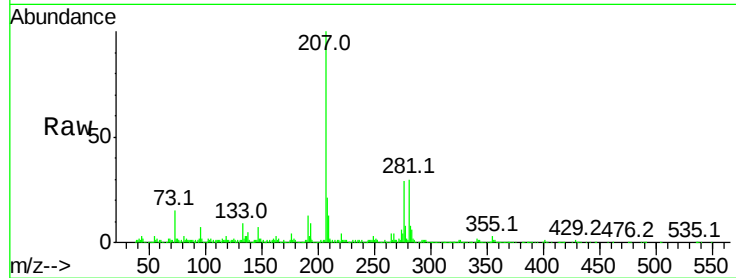
ClientSampleId :

ESNE7MS

Tot Ion:	276	Resp:	250617
Ion Ratio	Lower	Upper	
276	100		
138	17.5	9.3	13.9#
277	28.1	19.9	29.9

Manual Integrations
APPROVED

Sohil
10/31/2017 7:47:24 PM



#91

Benzo(g,h,i)perylene

Concen: 1.356 ng/ul

RT: 26.74 min Scan# 4021

Delta R.T. -0.01 min

Lab File: BM012590.D

Acq: 31 Oct 2017 01:13

Tgt Ion:	276	Resp:	204189
Ion Ratio	Lower	Upper	
276	100		
138	16.1	8.5	12.7#
277	25.1	18.6	28.0

