

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012592.D
 Acq On : 31 Oct 2017 02:24
 Operator : SJ/JU
 Sample : I5886-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNE9

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:47:29 PM

Quant Time: Oct 31 05:19:35 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	340208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1299080	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	746145	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1694230	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1993968	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2234135	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	44223	6.64	ng/uL	0.00
5) Phenol-d5	7.02	99	762045	26.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	479967	28.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	629832	29.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	607222	25.00	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	300684	36.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	344572	41.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	640853	28.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	568009	24.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1872411	28.73	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2339958	30.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	253720	26.18	ng/ul	0.00
57) Fluorene-d10	15.47	176	1607767	29.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	243882m	29.74	ng/ul	0.00
70) Anthracene-d10	17.33	188	2450184	30.35	ng/ul	0.00
76) Pyrene-d10	19.62	212	2743657	29.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	3111740	29.32	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.05	94	110373	3.730	ng/ul#	83
44) Dimethylphthalate	13.94	163	84566	1.312	ng/ul	99
69) Phenanthrene	17.27	178	179580	1.960	ng/ul	98
74) Fluoranthene	19.28	202	651103	6.272	ng/ul#	92
77) Pyrene	19.64	202	742249	6.546	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	615635	5.156	ng/ul	97
82) Chrysene	21.43	228	670744	6.318	ng/ul	97
85) Benzo(b)fluoranthene	23.00	252	1093641	7.919	ng/ul#	97
86) Benzo(k)fluoranthene	23.04	252	405379m	3.119	ng/ul	
88) Benzo(a)pyrene	23.60	252	519464	3.945	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.02	276	381624	2.463	ng/ul#	96
91) Benzo(g,h,i)perylene	26.74	276	306512	2.440	ng/ul#	93

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

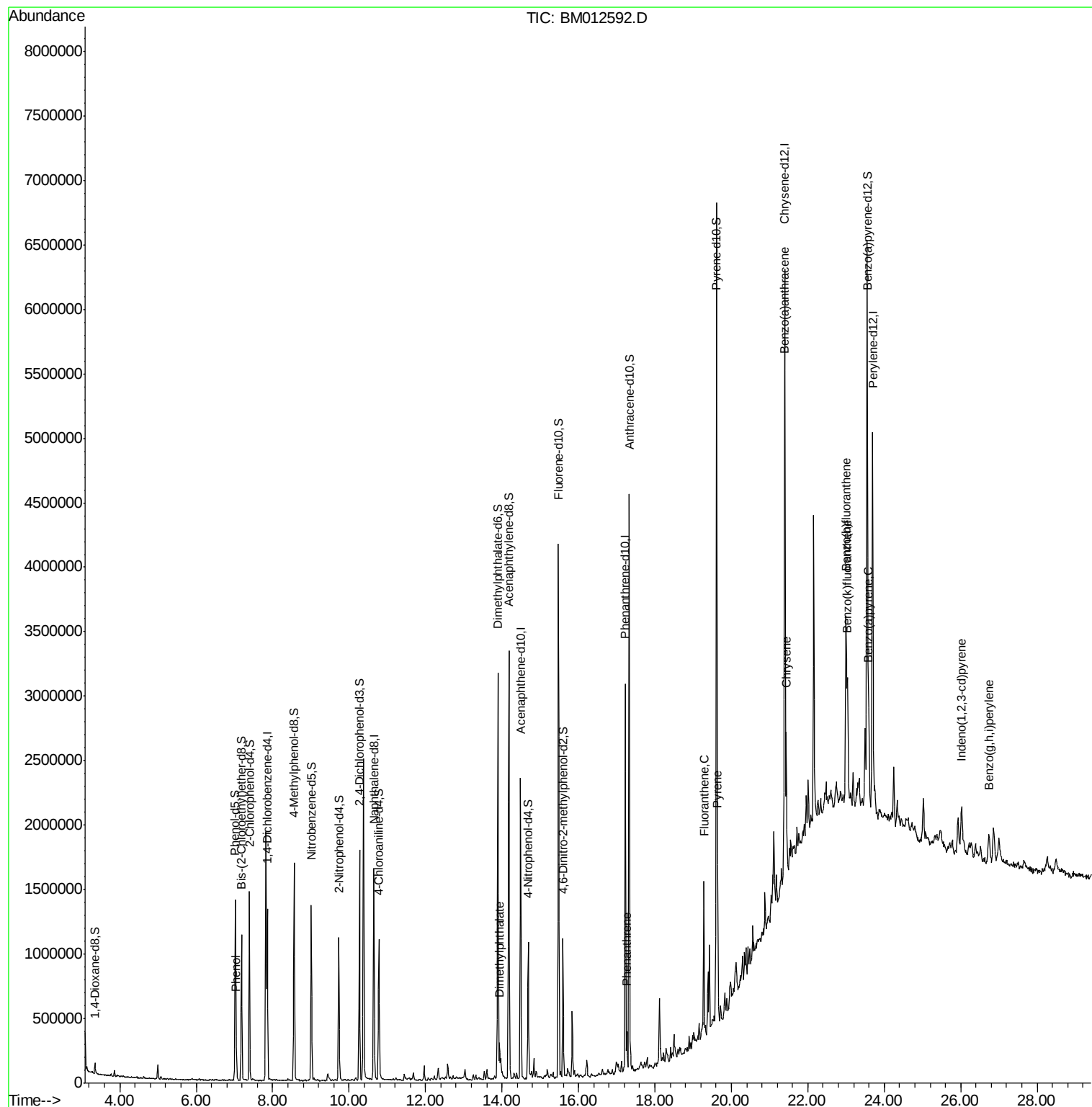
Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012592.D
Acq On : 31 Oct 2017 02:24
Operator : SJ/JU
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ALS Vial : 24 Sample Multiplier: 1

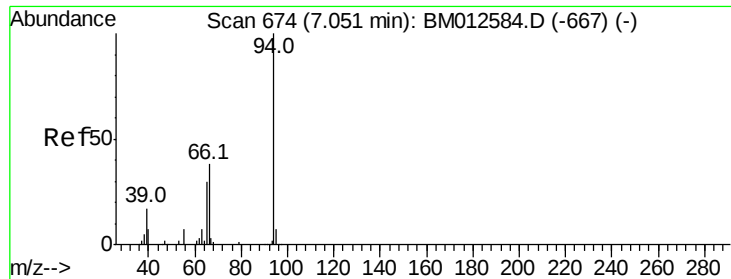
Instrument :
BNA_M
ClientSampled :
ESNE9

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10/31/2017 7:47:29 PM

Quant Time: Oct 31 05:19:35 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: 3.730 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Instrument :

BNA_M

ClientSampled :

ESNE9

Tot Ion: 94 Resp: 110373

Ion Ratio Lower Upper

94 100

65 32.9 28.2 42.4

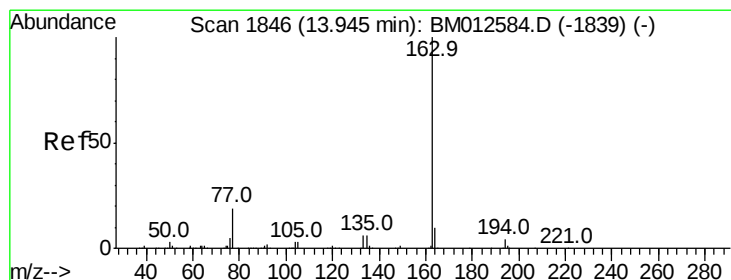
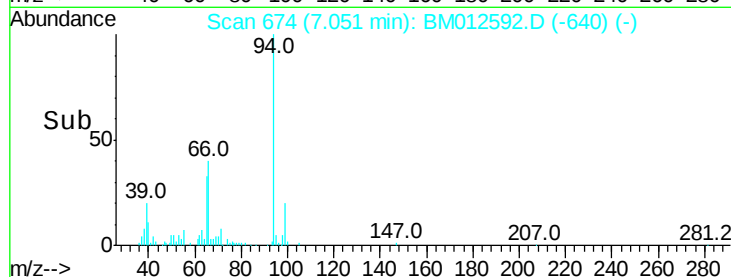
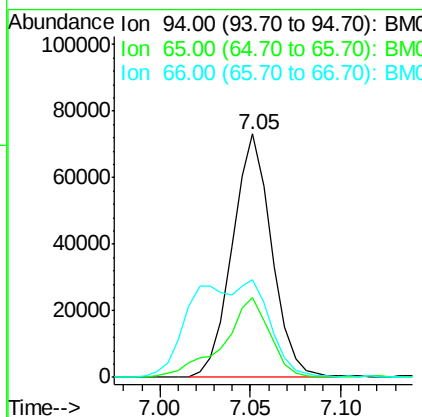
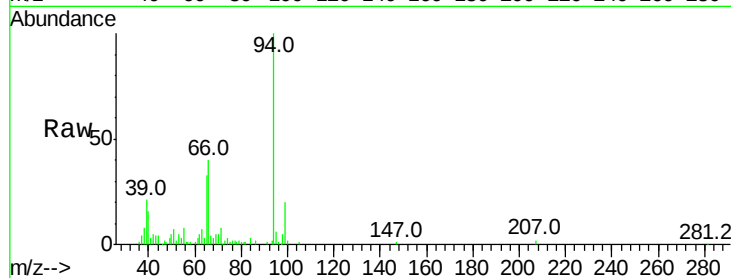
66 40.2 47.2 70.8#

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#44

Dimethylphthalate

Concen: 1.312 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

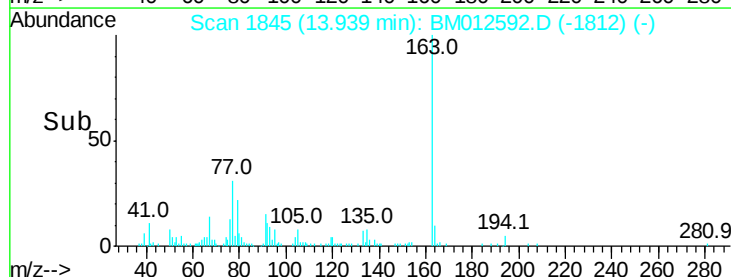
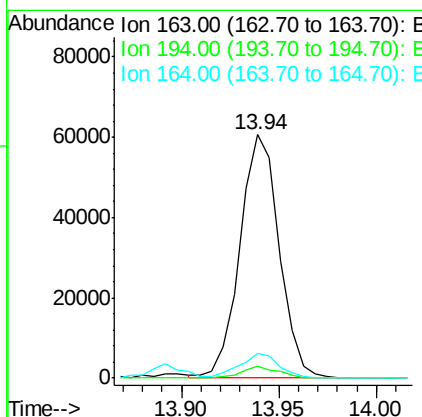
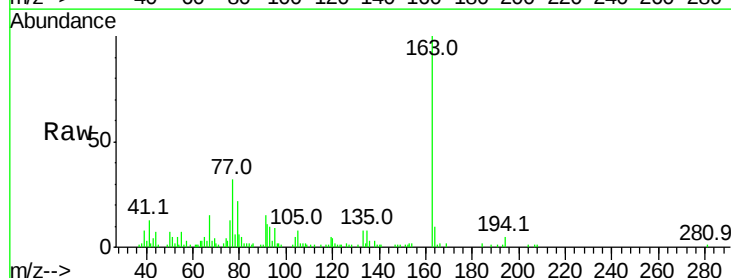
Tgt Ion: 163 Resp: 84566

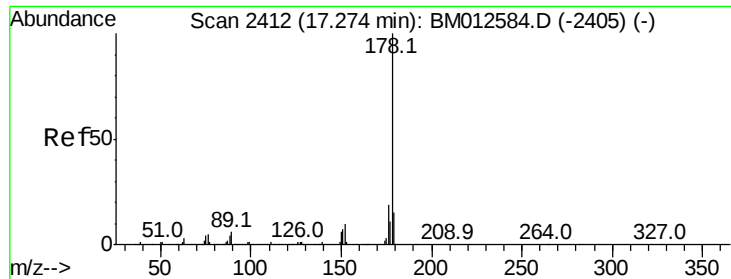
Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

164 10.2 8.2 12.4





#69

Phenanthrene

Concen: 1.960 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Instrument :

BNA_M

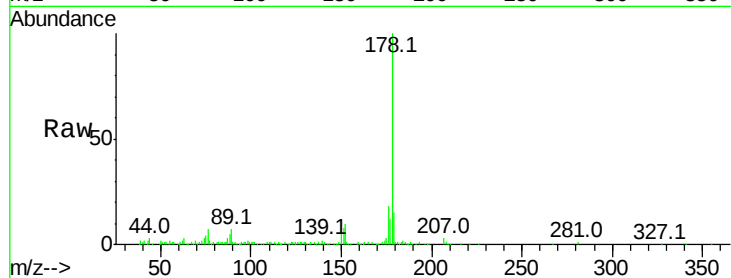
ClientSampled :

ESNE9

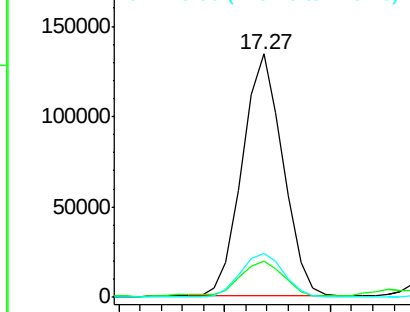
Tot Ion:	178	Resp:	179580
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.6	19.0
176	17.9	14.9	22.3

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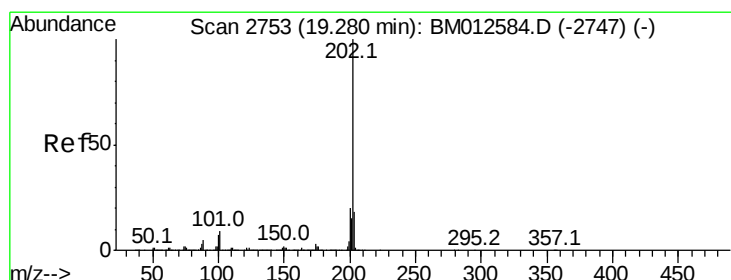
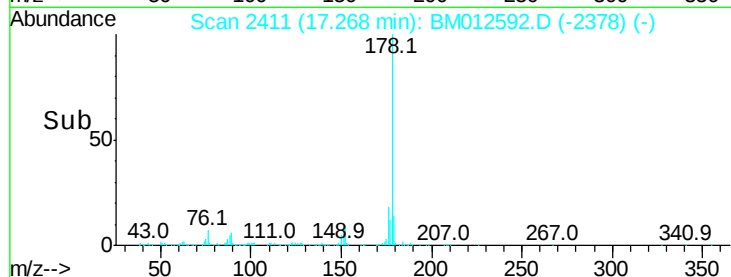
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.20 17.25 17.30



#74

Fluoranthene

Concen: 6.272 ng/ul

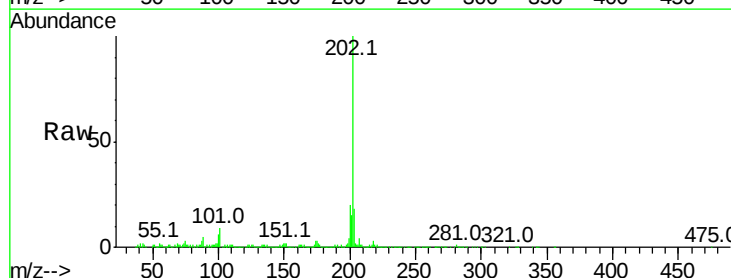
RT: 19.28 min Scan# 2753

Delta R.T. 0.00 min

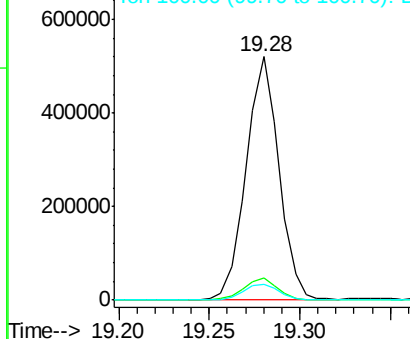
Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

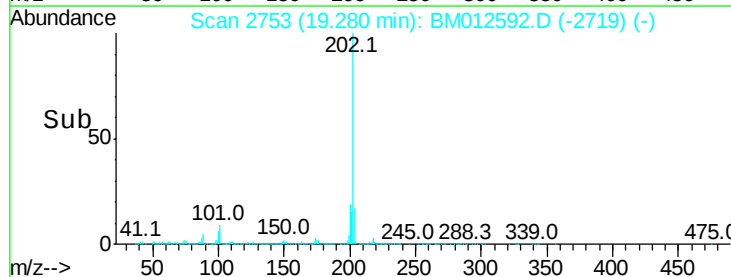
Tgt Ion:	202	Resp:	651103
Ion Ratio	Lower	Upper	
202	100		
101	9.1	4.6	7.0#
100	6.4	3.4	5.2#

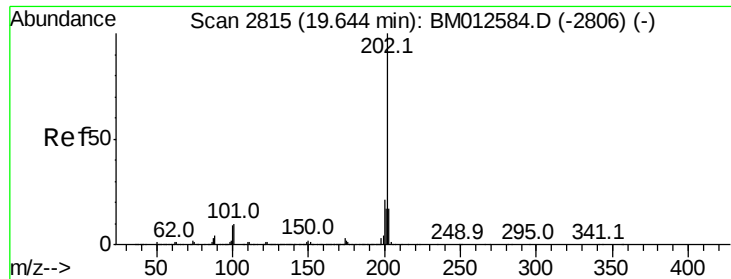


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time--> 19.20 19.25 19.30





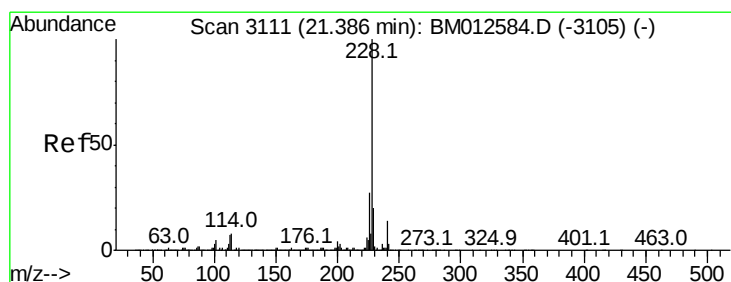
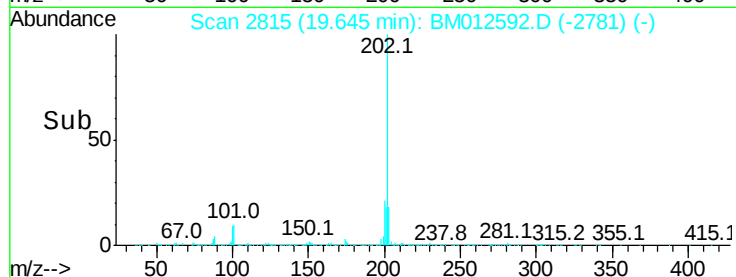
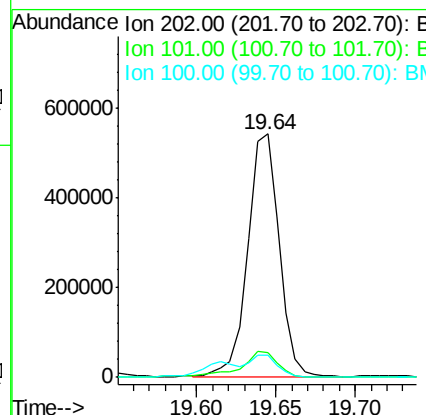
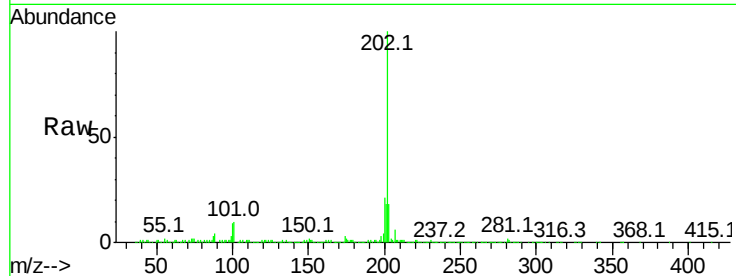
#77
Pvrene
Concen: 6.546 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. 0.00 min
Lab File: BM012592.D
Acq: 31 Oct 2017 02:24

Instrument :
BNA_M
ClientSampleId :
ESNE9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	8.9	4.9	7.3#

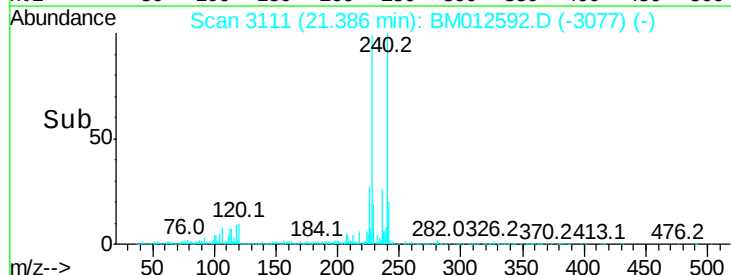
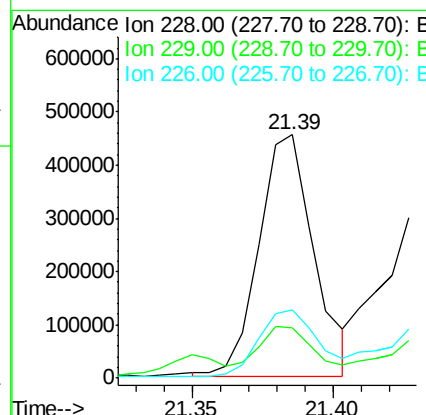
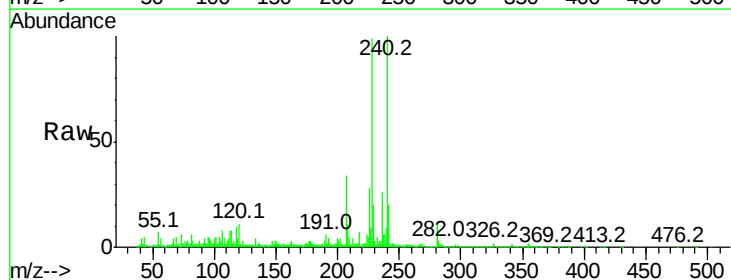
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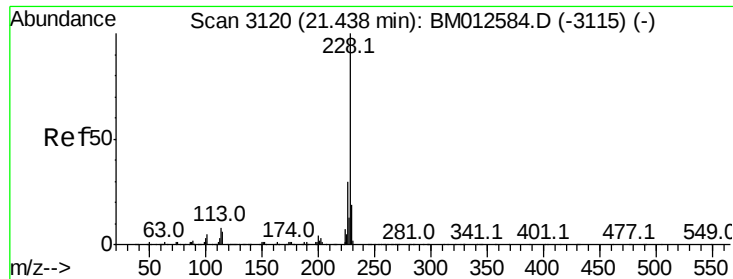
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#80
Benzo(a)anthracene
Concen: 5.156 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM012592.D
Acq: 31 Oct 2017 02:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.4	23.0
226	28.2	21.4	32.0





#82

Chrysene

Concen: 6.318 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Instrument :

BNA_M

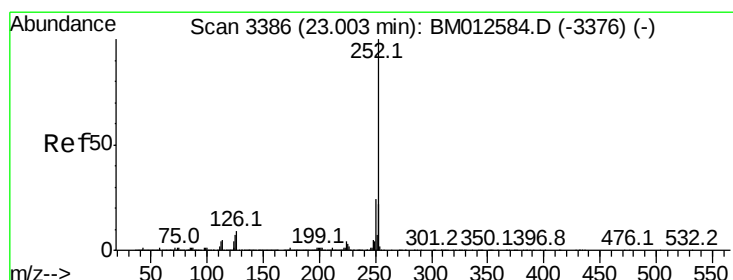
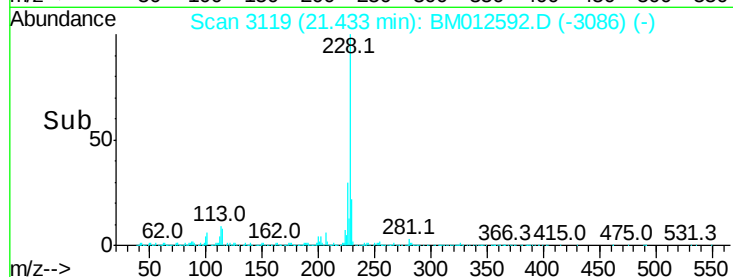
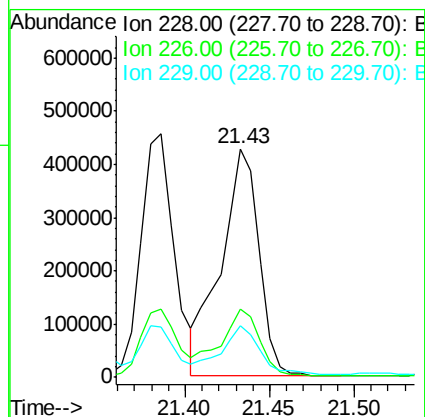
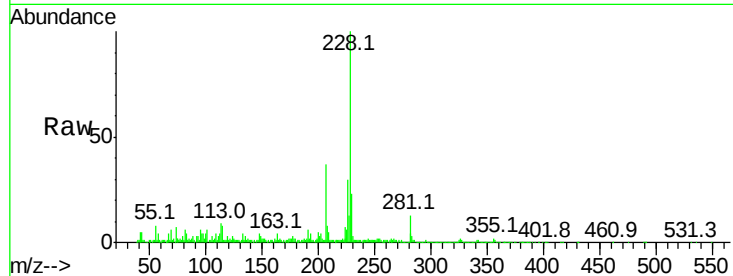
ClientSampled :

ESNE9

Tot Ion:	228	Resp:	670744
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.4	35.2
229	22.7	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 7.919 ng/ul

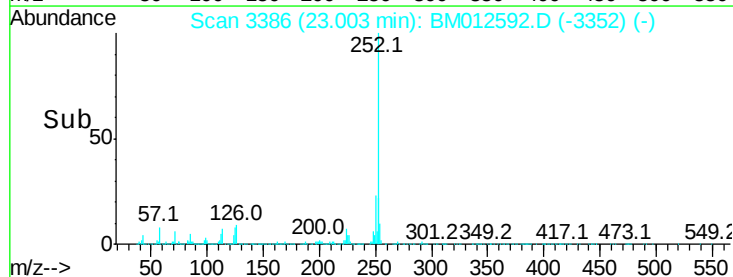
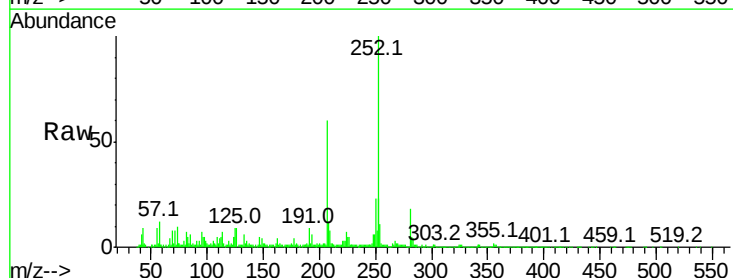
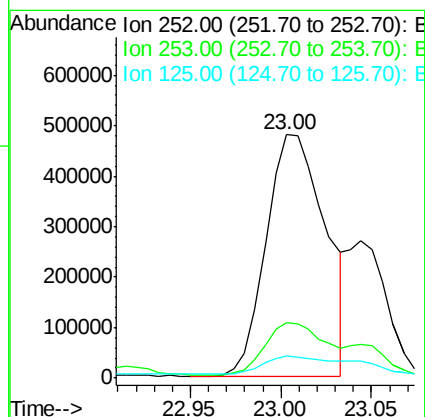
RT: 23.00 min Scan# 3386

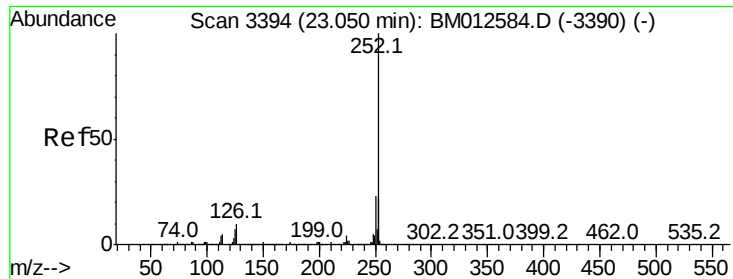
Delta R.T. 0.00 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Tgt Ion:	252	Resp:	1093641
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	9.2	3.6	5.4#





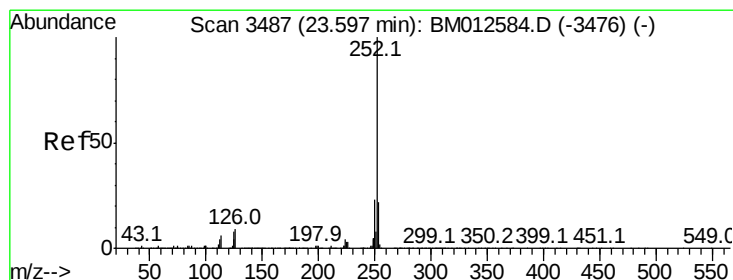
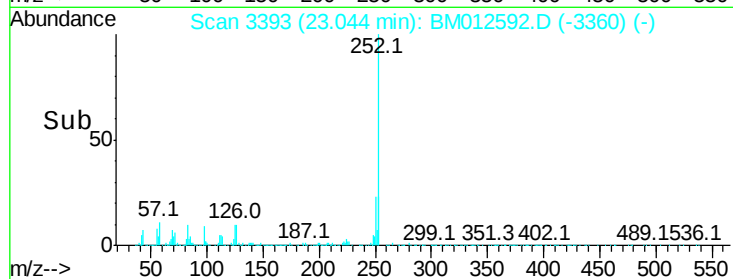
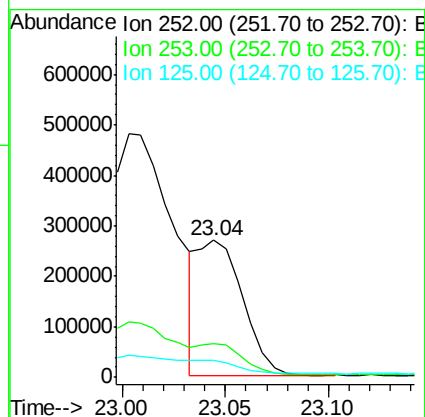
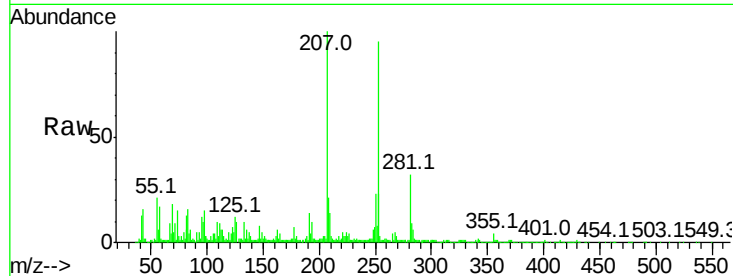
#86
Benzo(k)fluoranthene
Concen: 3.119 ng/ul m
RT: 23.04 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BM012592.D
Acq: 31 Oct 2017 02:24

Instrument :
BNA_M
ClientSampleId :
ESNE9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	12.8	3.4	5.2

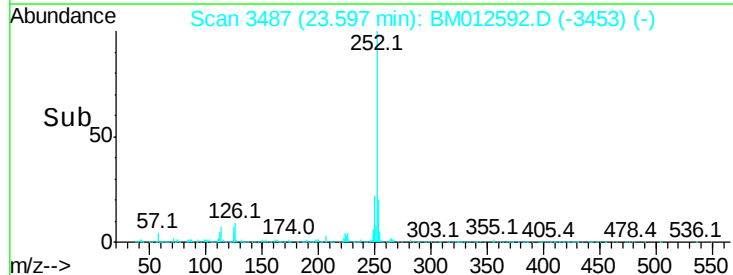
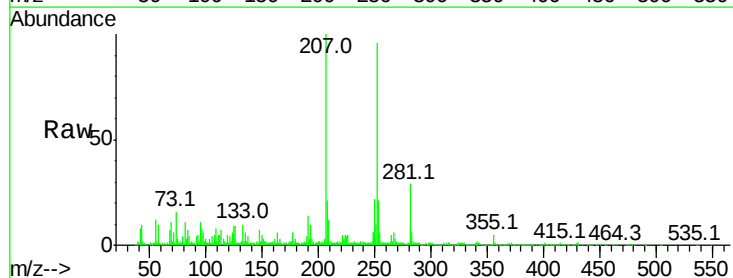
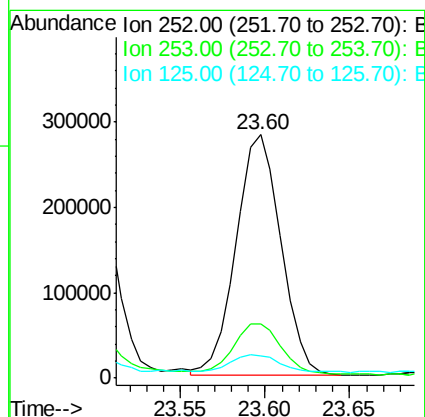
Manual Integrations
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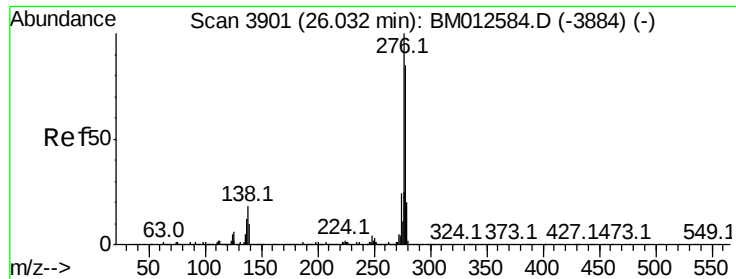
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#88
Benzo(a)pyrene
Concen: 3.945 ng/ul
RT: 23.60 min Scan# 3487
Delta R.T. 0.00 min
Lab File: BM012592.D
Acq: 31 Oct 2017 02:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.1	4.0	6.0





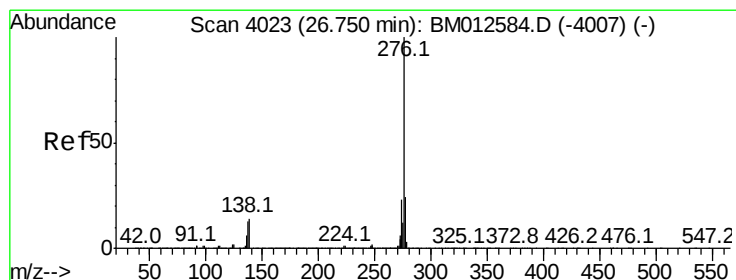
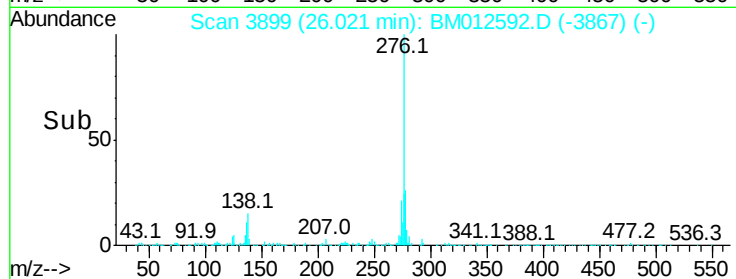
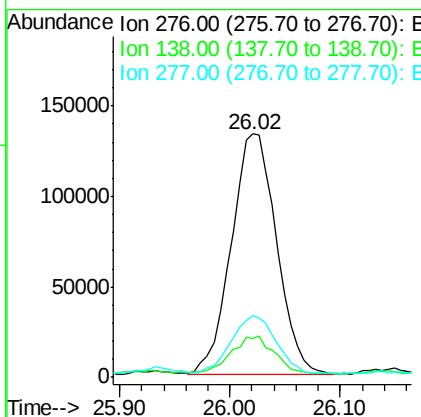
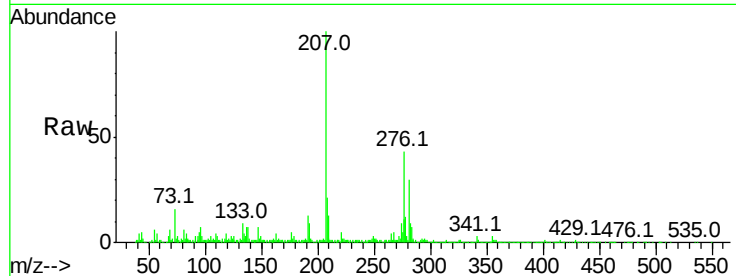
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.463 ng/ul
 RT: 26.02 min Scan# 3899
 Delta R.T. -0.01 min
 Lab File: BM012592.D
 Acq: 31 Oct 2017 02:24

Instrument :
 BNA_M
 ClientSampled :
 ESNE9

Tot Ion:	276	Resp:	381624
Ion Ratio	Lower	Upper	
276	100		
138	15.8	9.3	13.9#
277	25.2	19.9	29.9

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 2.440 ng/ul
 RT: 26.74 min Scan# 4021
 Delta R.T. -0.01 min
 Lab File: BM012592.D
 Acq: 31 Oct 2017 02:24

Tgt Ion:	276	Resp:	306512
Ion Ratio	Lower	Upper	
276	100		
138	15.5	8.5	12.7#
277	25.6	18.6	28.0

