

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013228.D
 Acq On : 07 Dec 2017 02:18
 Operator : SJ/JU
 Sample : I6647-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0276

Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:41:24 AM

Quant Time: Dec 07 06:01:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 07 04:35:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	284145	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1236294	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	727935	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1648126	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1543385	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1211566	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	20379	3.55	ng/uL	0.00
5) Phenol-d5	6.88	99	551293	22.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	331969	23.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	470455	24.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	481052	22.90	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	239431	24.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	265473	25.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	504162	23.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	577173	29.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1505950	23.25	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1989930	24.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	204757	18.19	ng/ul	0.00
57) Fluorene-d10	15.34	176	1329696	23.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	155329	14.98	ng/ul	0.00
70) Anthracene-d10	17.19	188	2046396	24.79	ng/ul	0.00
76) Pyrene-d10	19.49	212	2235635	29.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1520217	24.63	ng/ul	0.00
Target Compounds						
6) Phenol	6.90	94	57908	2.383	ng/ul#	85
44) Dimethylphthalate	13.80	163	413277	6.671	ng/ul	97
69) Phenanthrene	17.13	178	389227	4.157	ng/ul	98
74) Fluoranthene	19.14	202	723595	6.306	ng/ul#	93
77) Pyrene	19.51	202	693389	7.395	ng/ul#	91
80) Benzo(a)anthracene	21.26	228	227850	2.327	ng/ul	96
82) Chrysene	21.31	228	310497m	3.418	ng/ul	
85) Benzo(b)fluoranthene	22.83	252	334356	4.094	ng/ul#	92
88) Benzo(a)pyrene	23.41	252	169371	2.309	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.74	276	127011	1.745	ng/ul#	95
91) Benzo(g,h,i)perylene	26.42	276	124091	2.161	ng/ul#	93

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

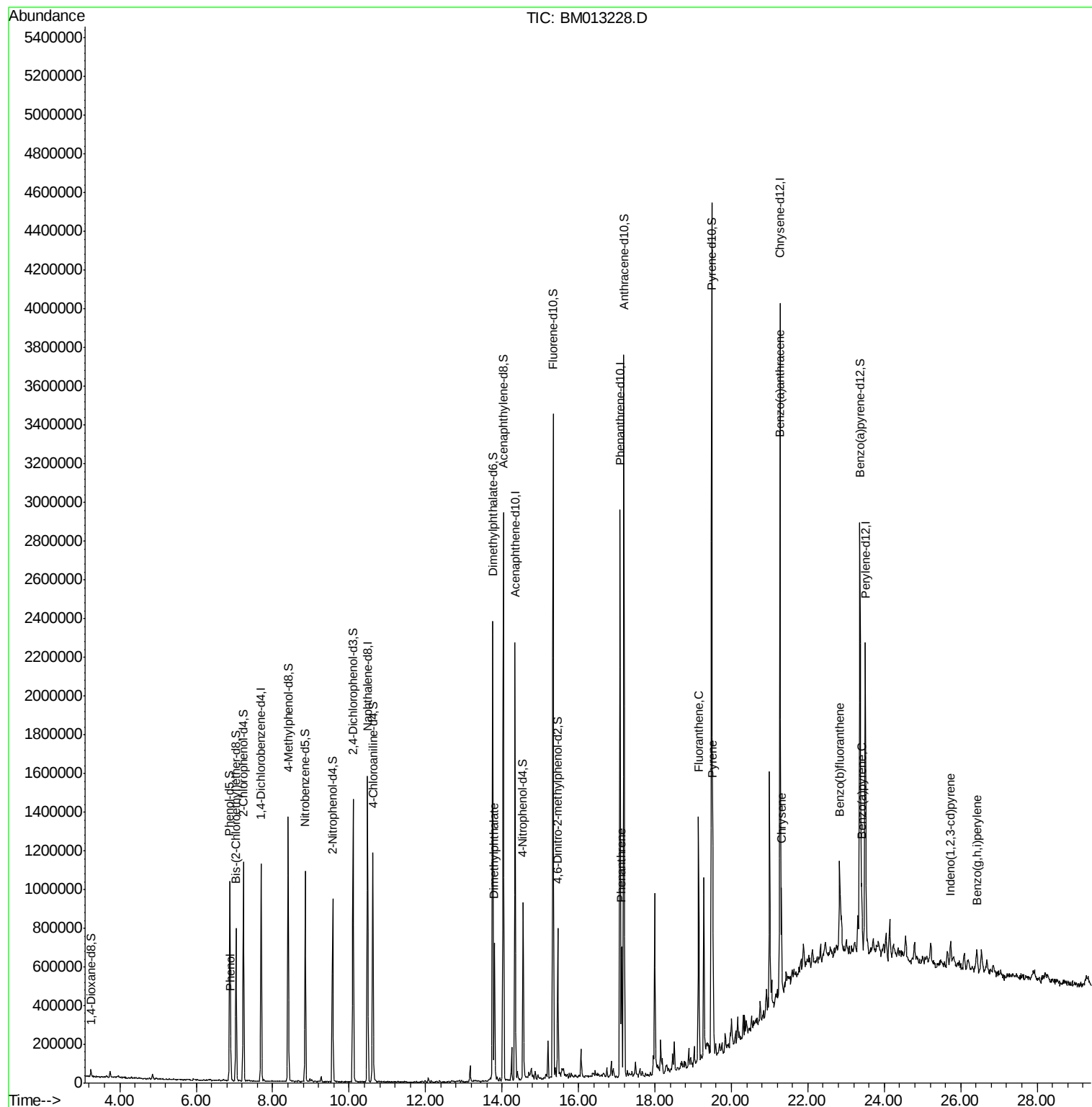
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013228.D
Acq On : 07 Dec 2017 02:18
Operator : SJ/JU
Sample : I6647-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

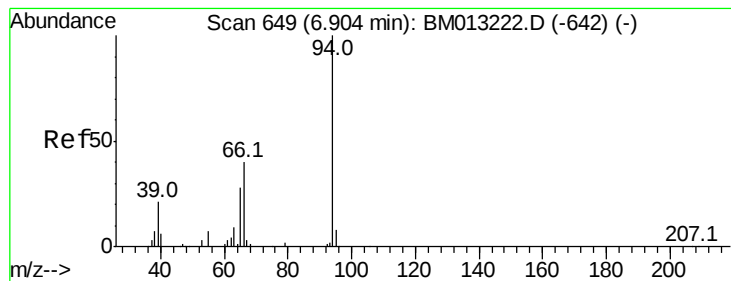
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 07 04:35:17 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.383 ng/ul

RT: 6.90 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

Instrument :

BNA_M

ClientSampled :

C0276

Tot Ion: 94 Resp: 57908

Ion Ratio Lower Upper

94 100

65 31.2 28.2 42.4

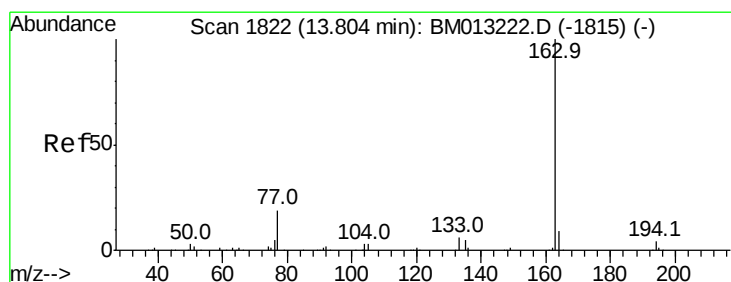
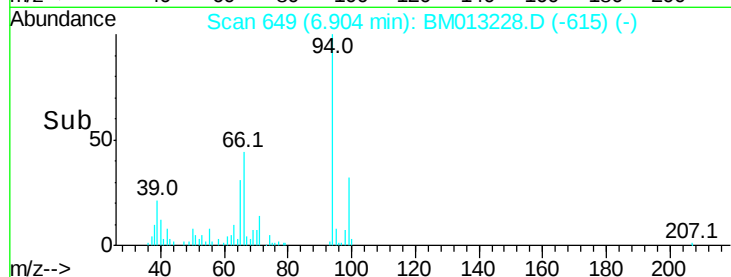
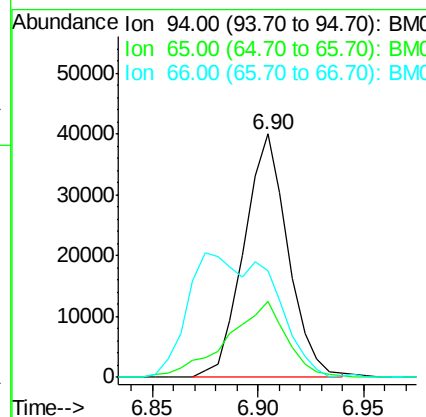
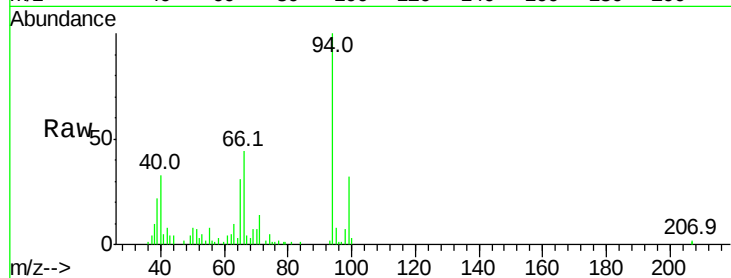
66 43.9 47.2 70.8#

Manual Integrations

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#44

Dimethylphthalate

Concen: 6.671 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

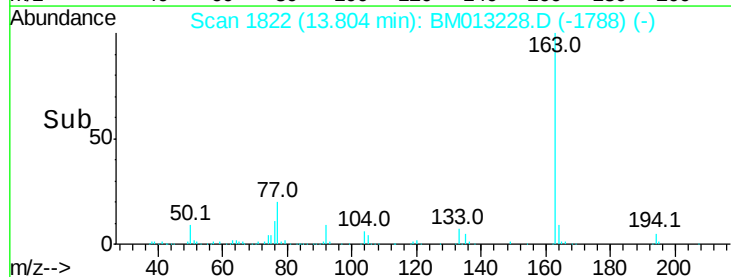
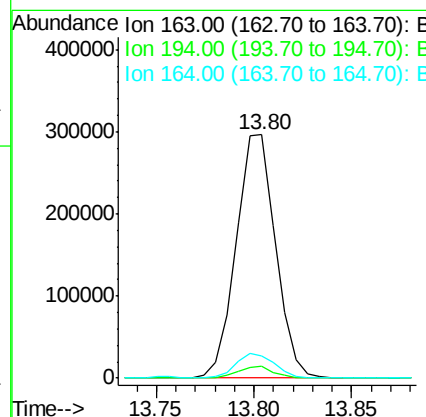
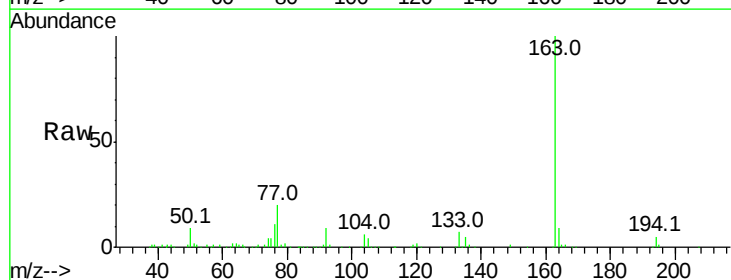
Tgt Ion:163 Resp: 413277

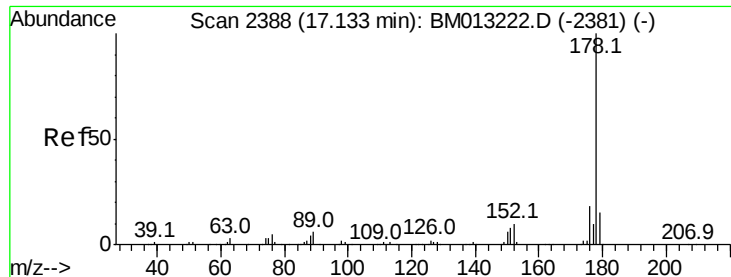
Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

164 9.2 8.2 12.4





#69

Phenanthrene

Concen: 4.157 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

Instrument :

BNA_M

ClientSampleId :

C0276

Tot Ion:178 Resp: 389227

Ion Ratio Lower Upper

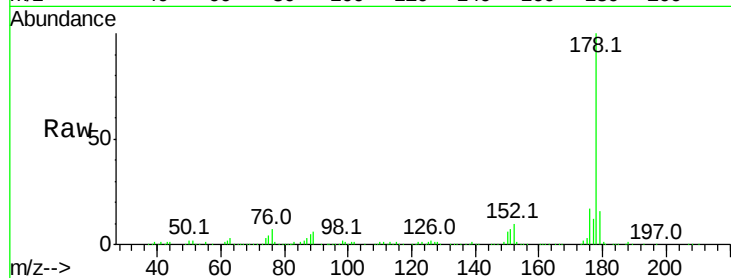
178 100

179 16.3 12.6 19.0

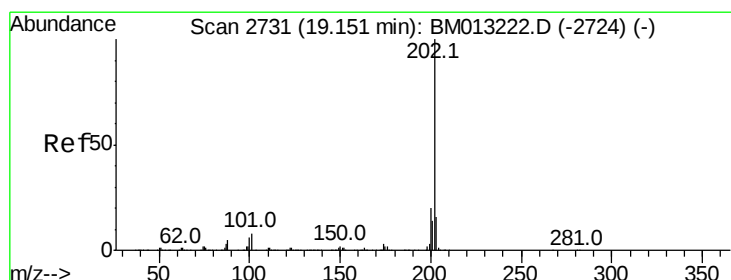
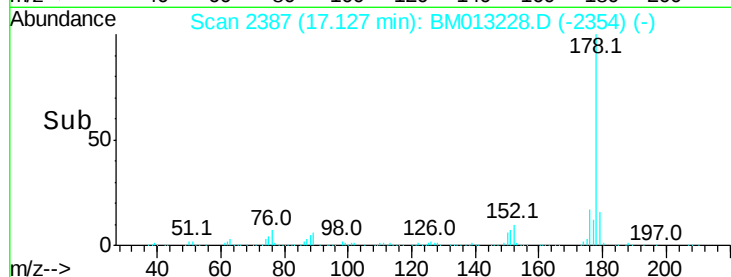
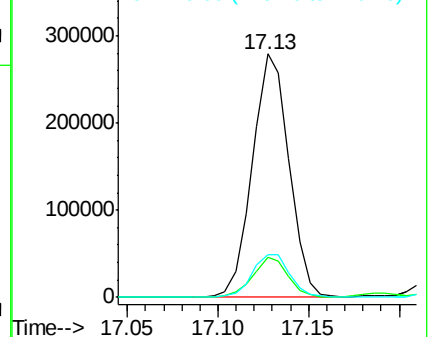
176 17.3 14.9 22.3

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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



#74

Fluoranthene

Concen: 6.306 ng/ul

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

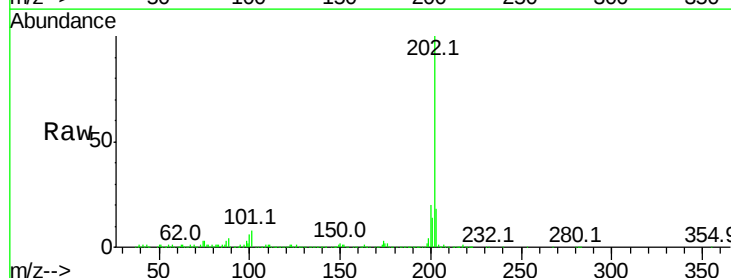
Tgt Ion:202 Resp: 723595

Ion Ratio Lower Upper

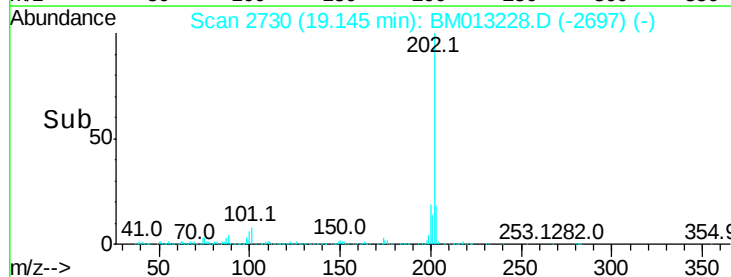
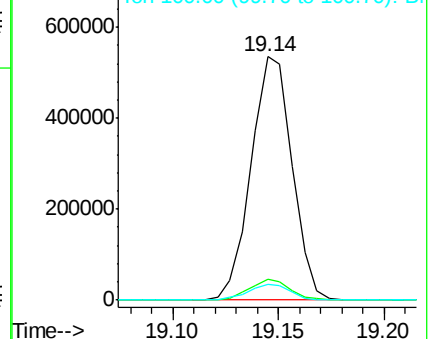
202 100

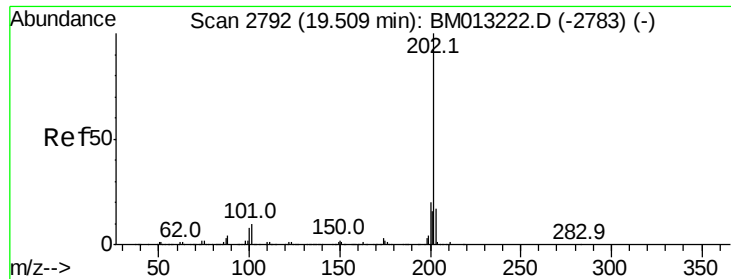
101 8.4 4.6 7.0#

100 6.2 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





#77

Pvrene

Concen: 7.395 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

Instrument :

BNA_M

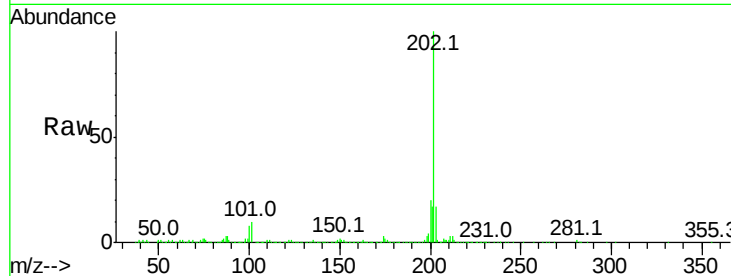
ClientSampleId :

C0276

Tot Ion:	202	Resp:	693389
Ion Ratio	Lower	Upper	
202	100		
101	10.4	5.1	7.7#
100	8.2	4.9	7.3#

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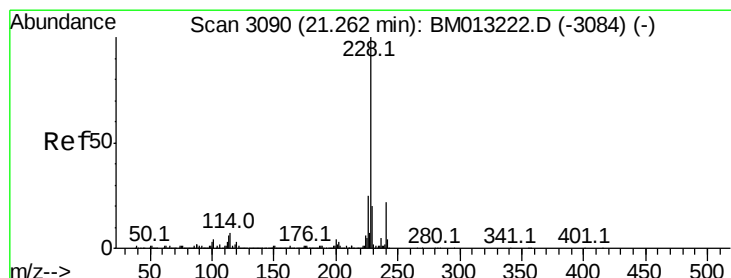
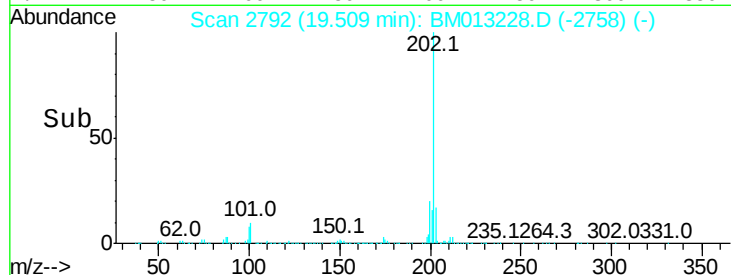


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 19.40 19.50 19.60



#80

Benzo(a)anthracene

Concen: 2.327 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

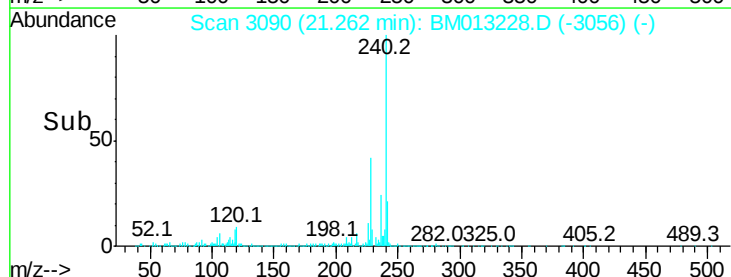
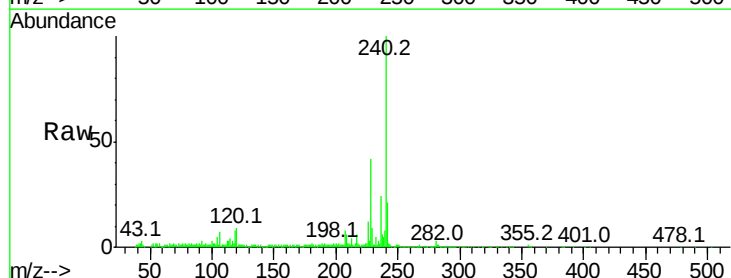
Tgt Ion:	228	Resp:	227850
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.4	23.0
226	27.6	21.4	32.0

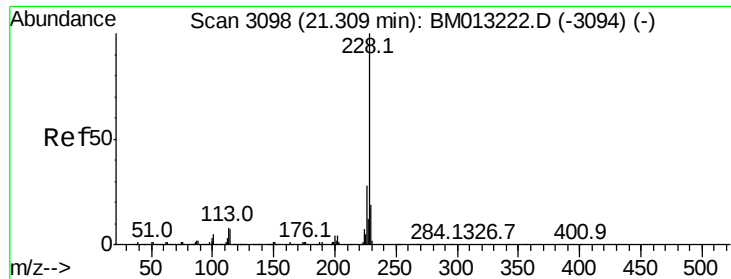
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time--> 21.20 21.25 21.30





#82

Chrysene

Concen: 3.418 ng/ul m

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

Instrument :

BNA_M

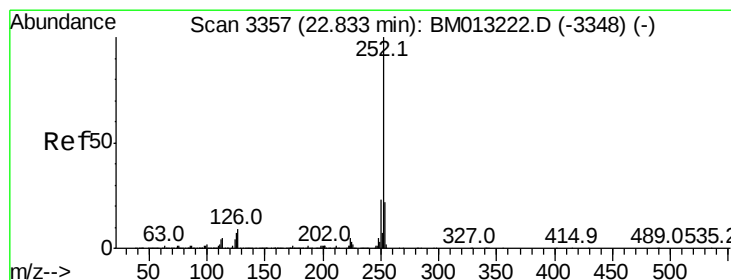
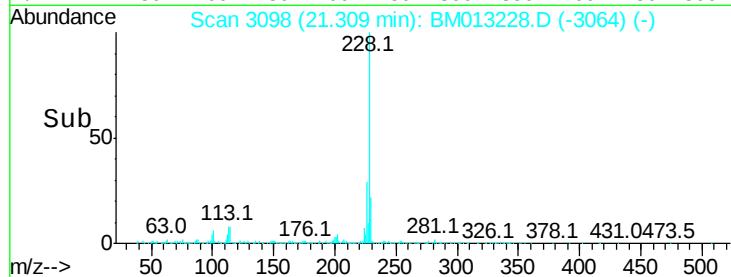
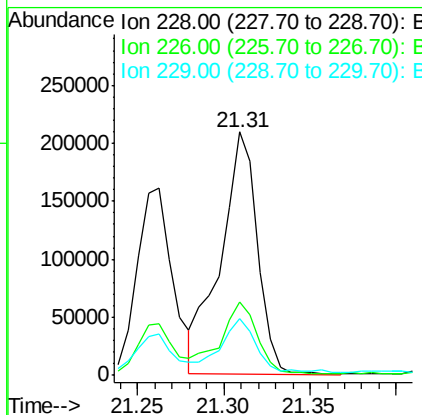
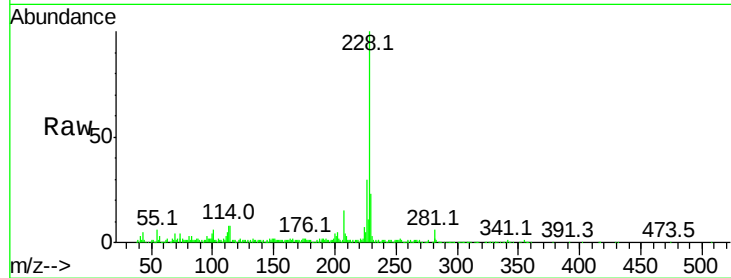
ClientSampled :

C0276

Tot Ion:	228	Resp:	310497
Ion Ratio		Lower	Upper
228	100		
226	29.9	23.4	35.2
229	23.5	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 4.094 ng/ul

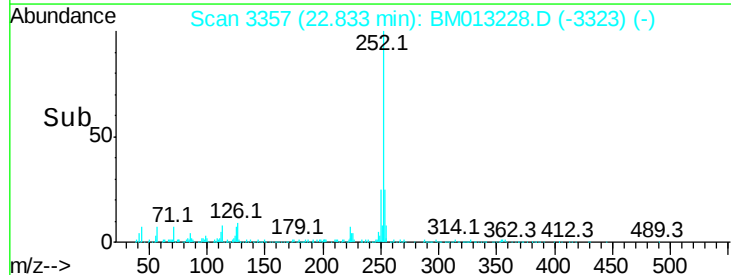
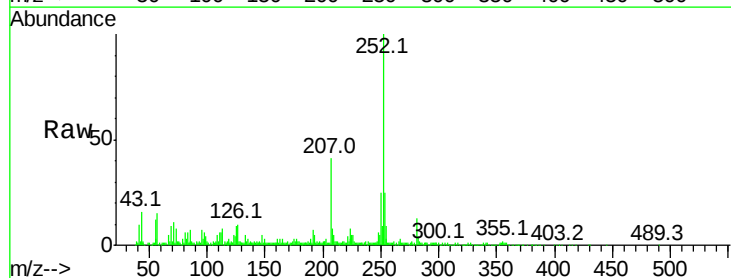
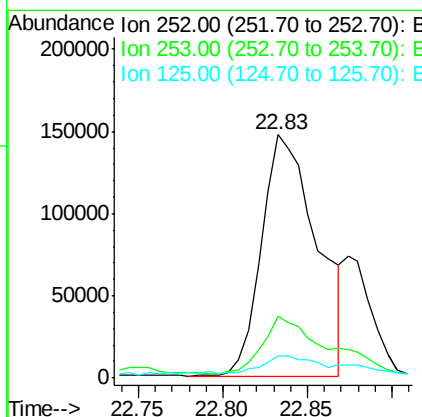
RT: 22.83 min Scan# 3357

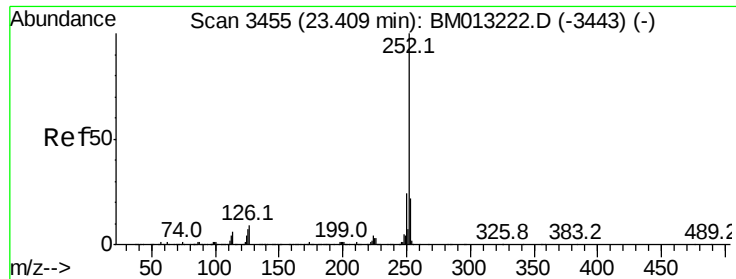
Delta R.T. 0.00 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

Tgt Ion:	252	Resp:	334356
Ion Ratio		Lower	Upper
252	100		
253	25.4	17.9	26.9
125	9.1	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 2.309 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

Instrument :

BNA_M

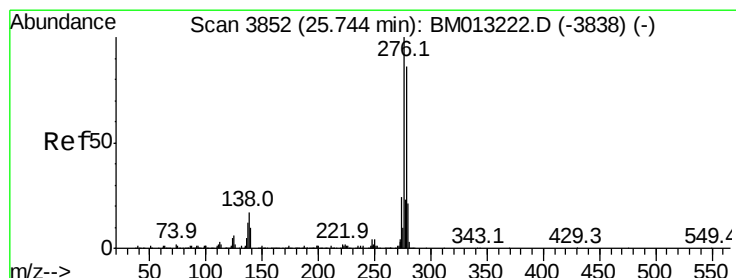
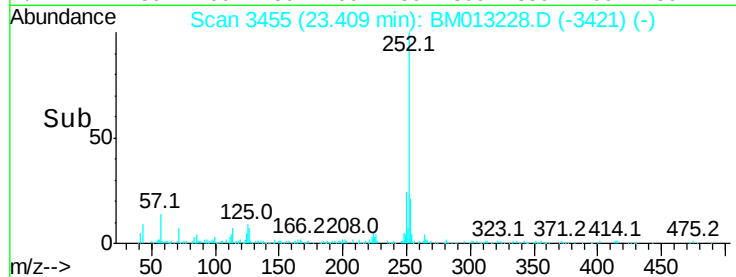
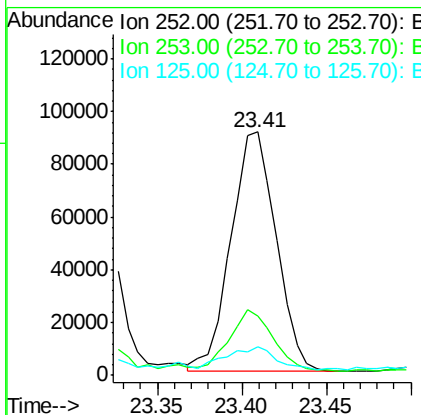
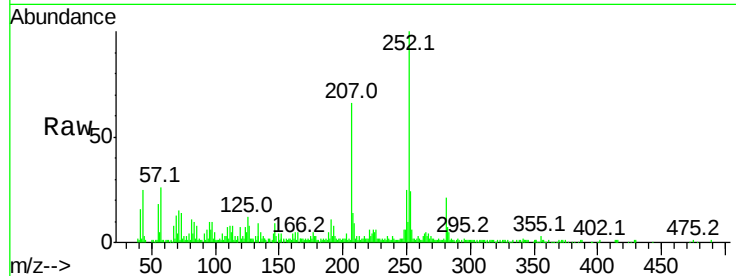
ClientSampleId :

C0276

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	11.6	4.0	6.0

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.745 ng/ul

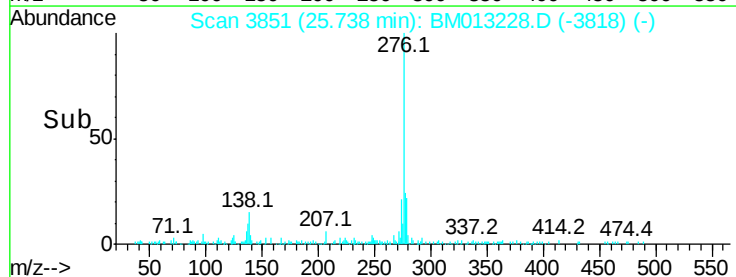
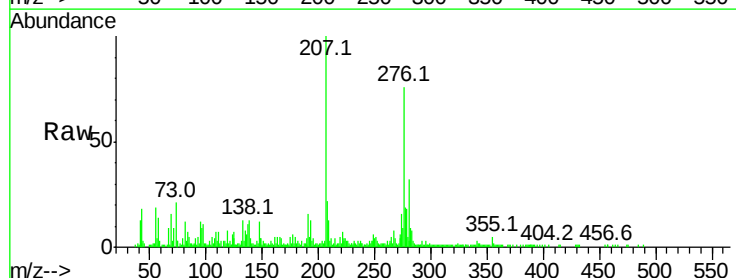
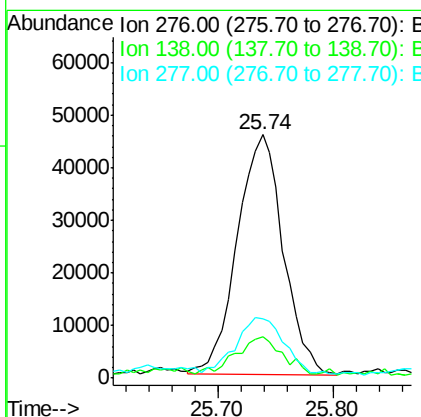
RT: 25.74 min Scan# 3851

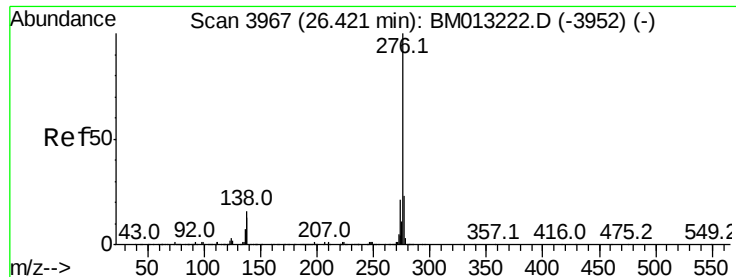
Delta R.T. -0.01 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	9.3	13.9
277	24.4	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 2.161 ng/ul

RT: 26.42 min Scan# 3967

Delta R.T. 0.00 min

Lab File: BM013228.D

Acq: 07 Dec 2017 02:18

Instrument :

BNA_M

ClientSampleId :

C0276

Tot Ion:	276	Resp:	124091
Ion Ratio	Lower	Upper	
276	100		
138	15.4	8.5	12.7#
277	21.4	18.6	28.0

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