

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013389.D
 Acq On : 14 Dec 2017 00:20
 Operator : SJ/JU
 Sample : I6775-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A22

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:34:30 PM

Quant Time: Dec 24 23:54:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	142852	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	610648	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	393665	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	984824	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1226954	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1165045	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	10193	3.53	ng/uL	0.00
5) Phenol-d5	6.86	99	215205	17.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	135270	19.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	182351	18.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	167221	15.84	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	96483	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	103779	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	190485	17.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	155538	15.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	690947	19.72	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	811622	18.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	74951m	12.31	ng/ul	0.00
57) Fluorene-d10	15.32	176	578116	19.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	83686	13.51	ng/ul	0.00
70) Anthracene-d10	17.17	188	933131	18.92	ng/ul	0.00
76) Pyrene-d10	19.47	212	1134964	18.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1078977	18.18	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.89	94	32994	2.700	ng/ul#	82
44) Dimethylphthalate	13.79	163	133239	3.977	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	14.96	232	58630	6.798	ng/ul#	84
68) Pentachlorophenol	16.76	266	12371204	1675.385	ng/ul	98
69) Phenanthrene	17.12	178	145916	2.608	ng/ul	96
74) Fluoranthene	19.13	202	905493	13.206	ng/ul#	93
77) Pyrene	19.50	202	1037758	13.922	ng/ul#	89
80) Benzo(a)anthracene	21.25	228	375791	4.827	ng/ul	92
82) Chrysene	21.30	228	544995	7.546	ng/ul	95
85) Benzo(b)fluoranthene	22.82	252	871916	11.102	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	202293m	2.737	ng/ul	
88) Benzo(a)pyrene	23.39	252	292831	4.151	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	164818	2.354	ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	101315	1.835	ng/ul#	89

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

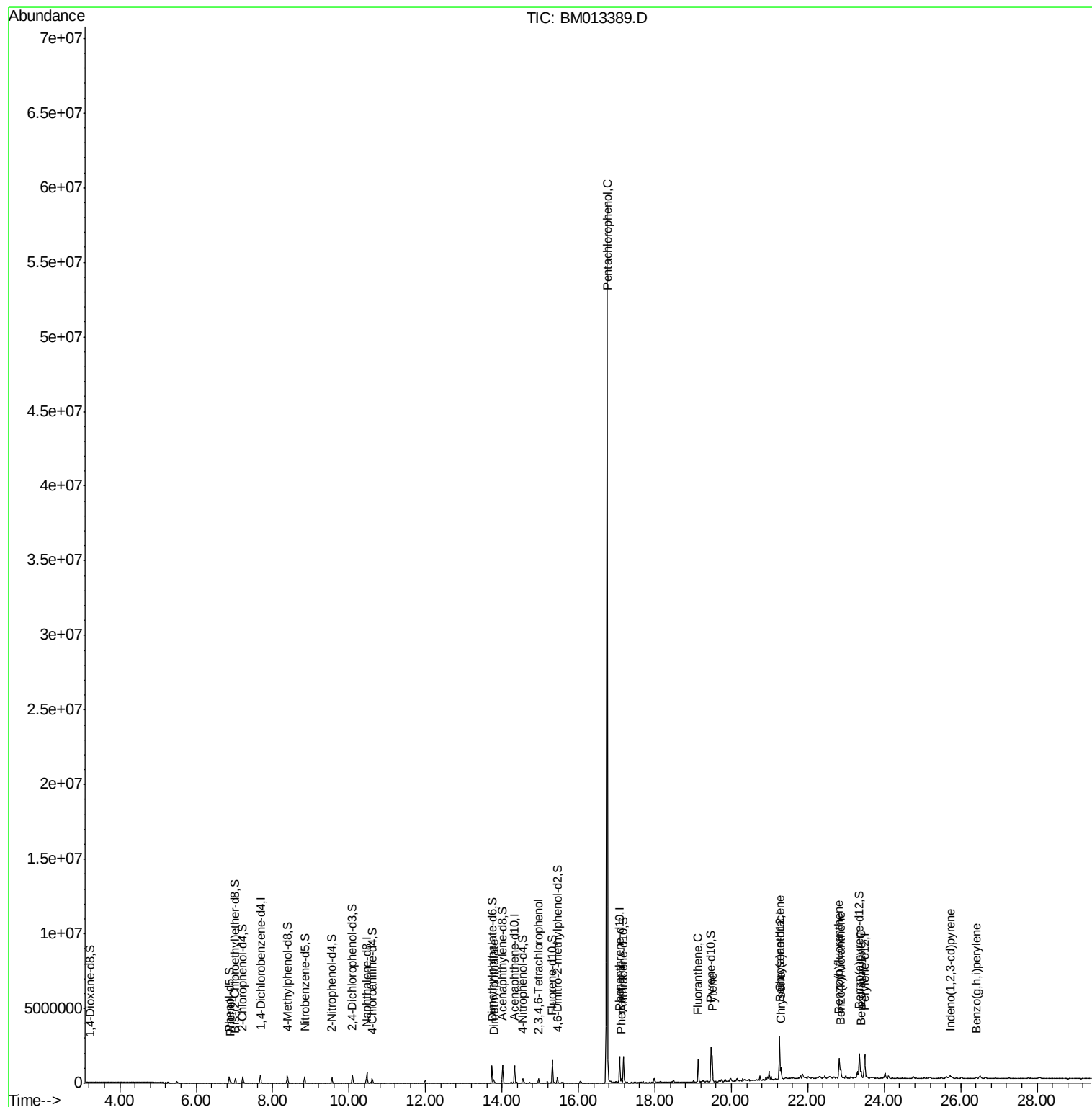
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013389.D
Acq On : 14 Dec 2017 00:20
Operator : SJ/JU
Sample : I6775-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

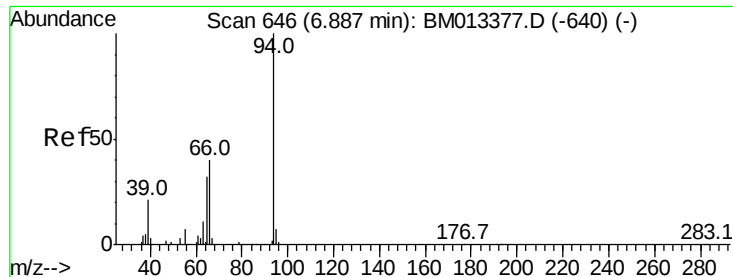
Instrument :
BNA_M
ClientSampleId :
F9A22

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Quant Time: Dec 24 23:54:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.700 ng/ul

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Instrument :

BNA_M

ClientSampled :

F9A22

Tot Ion: 94 Resp: 32994

Ion Ratio Lower Upper

94 100

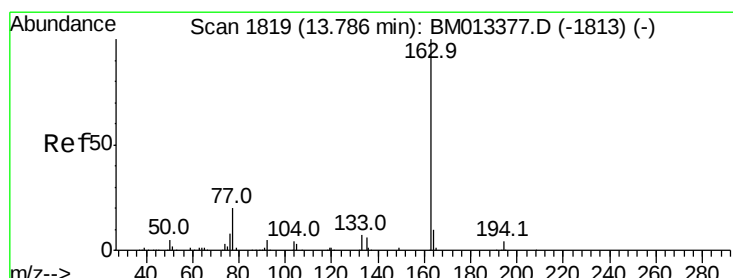
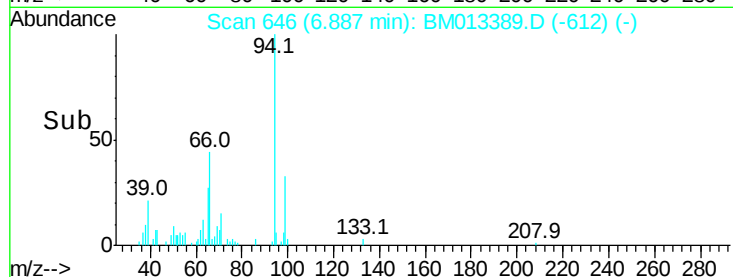
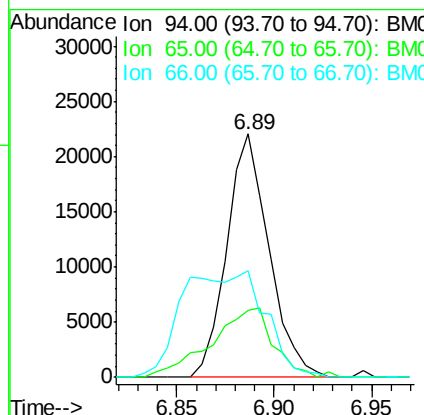
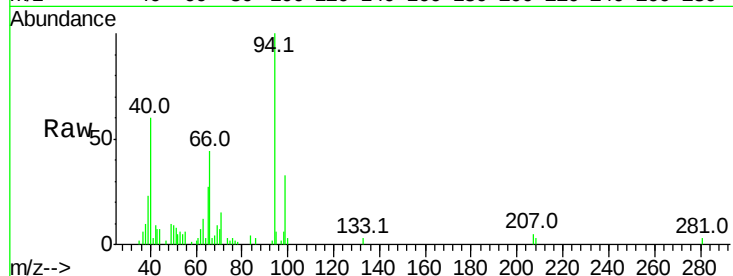
65 27.3 28.2 42.4#

66 43.6 47.2 70.8#

Manual Integrations
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#44

Dimethylphthalate

Concen: 3.977 ng/ul

RT: 13.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

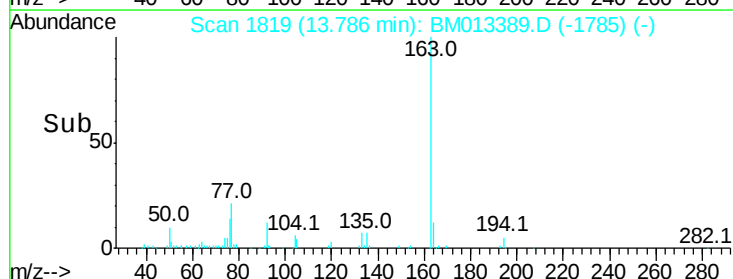
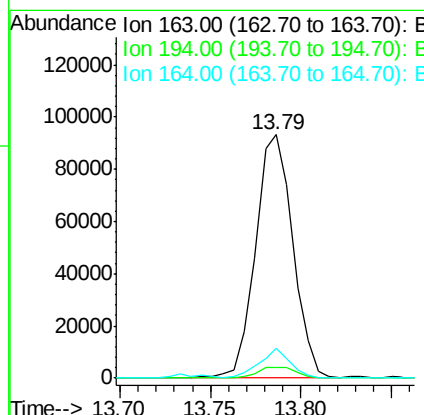
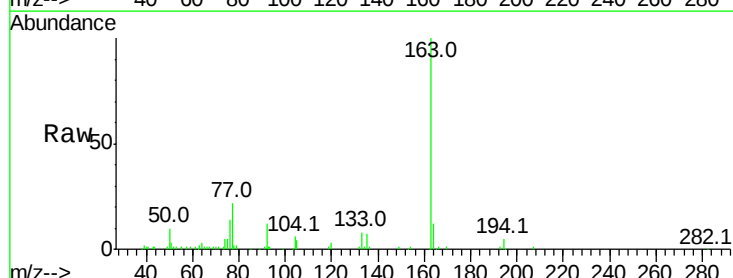
Tgt Ion: 163 Resp: 133239

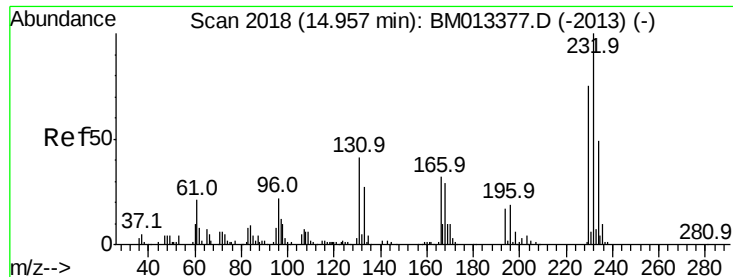
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 12.4 8.2 12.4#





#55

2,3,4,6-Tetrachlorophenol

Concen: 6.798 ng/ul

RT: 14.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Instrument :

BNA_M

ClientSampleId :

F9A22

Tot Ion:232 Resp: 58630

Ion Ratio Lower Upper

232 100

131 49.5 29.0 43.4#

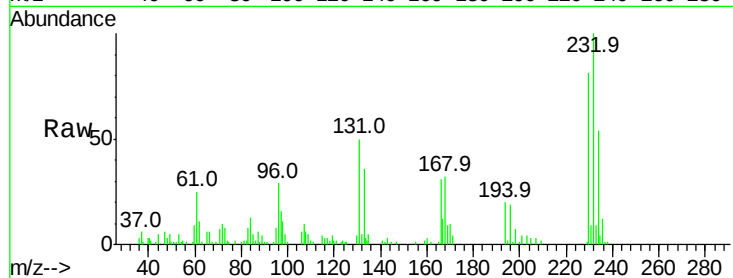
130 3.7 2.0 3.0#

166 31.3 21.4 32.2

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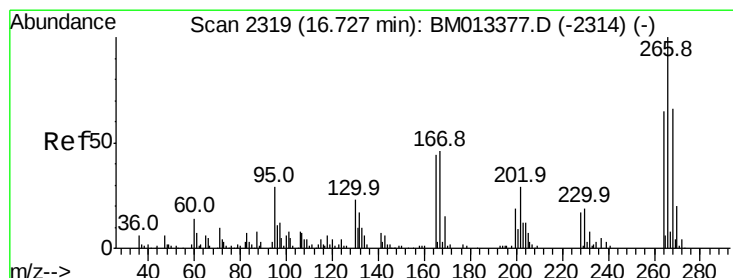
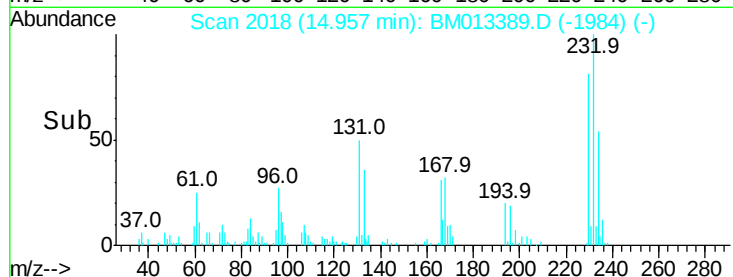
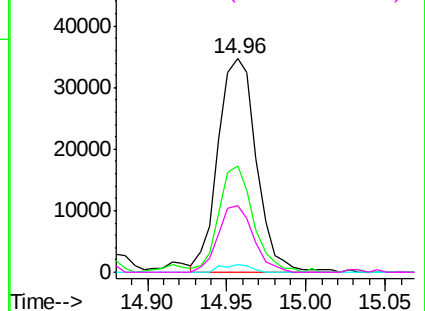


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#68

Pentachlorophenol

Concen: 1675.385 ng/ul

RT: 16.76 min Scan# 2324

Delta R.T. 0.03 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

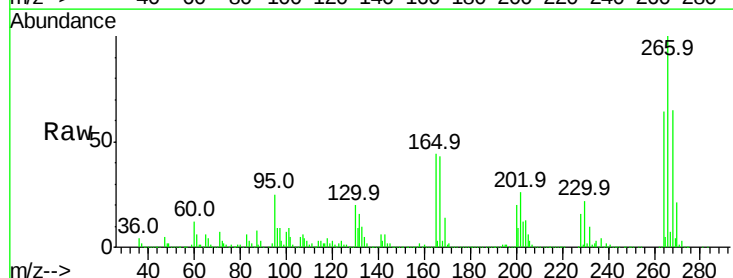
Tgt Ion:266 Resp:12371204

Ion Ratio Lower Upper

266 100

264 64.4 49.3 73.9

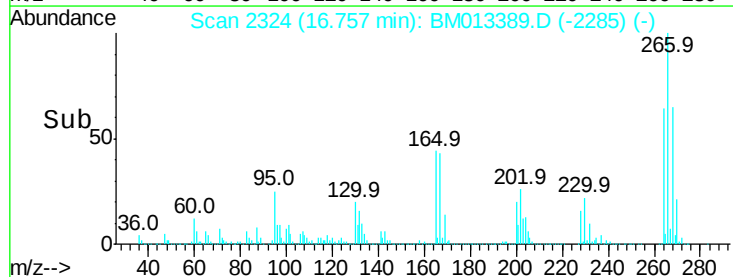
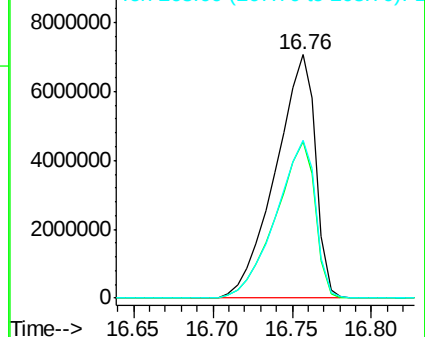
268 64.9 52.6 78.8

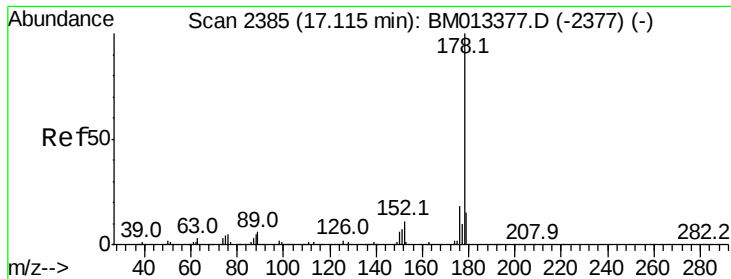


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 2.608 ng/ul

RT: 17.12 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Instrument :

BNA_M

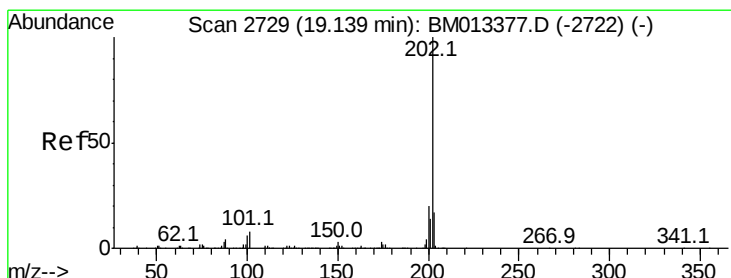
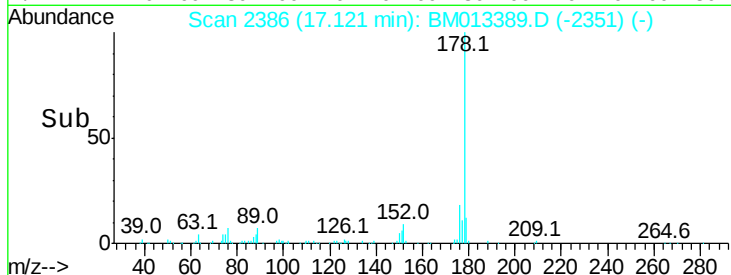
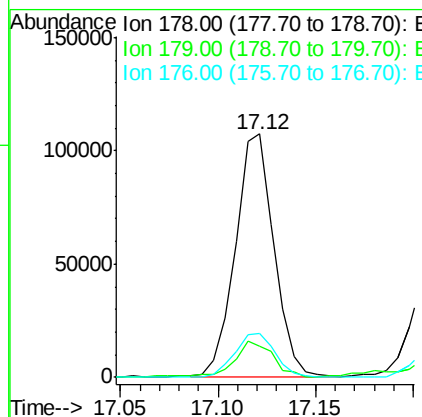
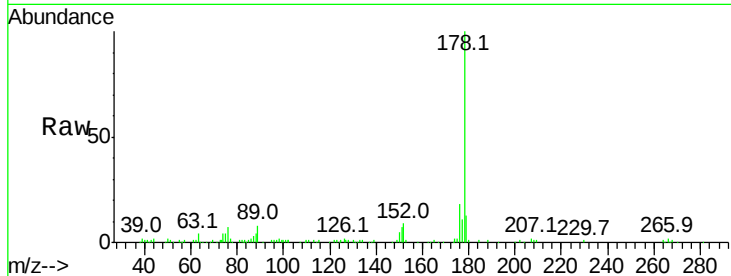
ClientSampleId :

F9A22

Tot Ion:	178	Resp:	145916
Ion Ratio	Lower	Upper	
178	100		
179	12.7	12.6	19.0
176	18.2	14.9	22.3

Manual Integrations
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#74

Fluoranthene

Concen: 13.206 ng/ul

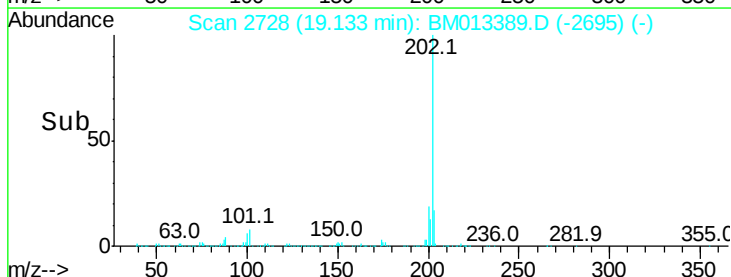
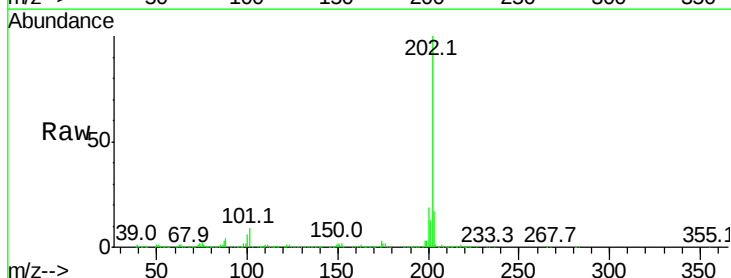
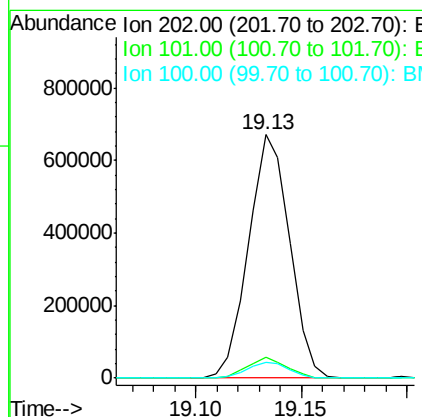
RT: 19.13 min Scan# 2728

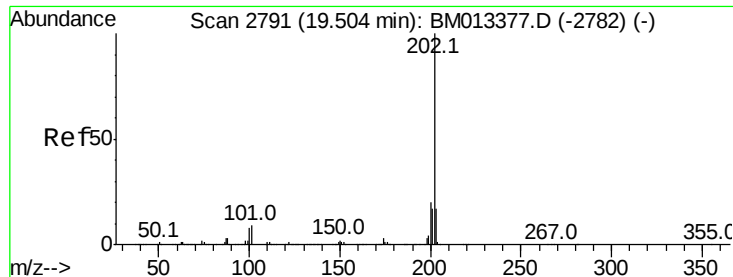
Delta R.T. -0.01 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Tgt Ion:	202	Resp:	905493
Ion Ratio	Lower	Upper	
202	100		
101	8.5	4.6	7.0#
100	6.4	3.4	5.2#





#77

Pvrene

Concen: 13.922 ng/ul

RT: 19.50 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

Instrument :

BNA_M

ClientSampleId :

F9A22

Tot Ion:202 Resp: 1037758

Ion Ratio Lower Upper

202 100

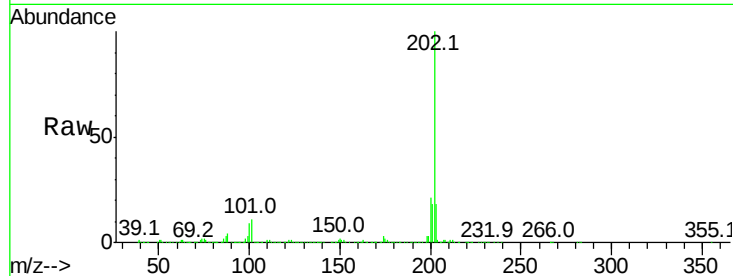
101 10.9 5.1 7.7#

100 9.0 4.9 7.3#

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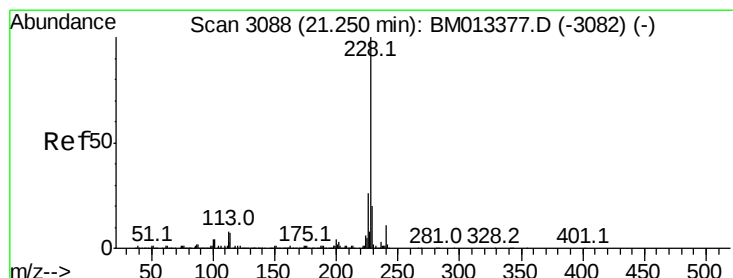
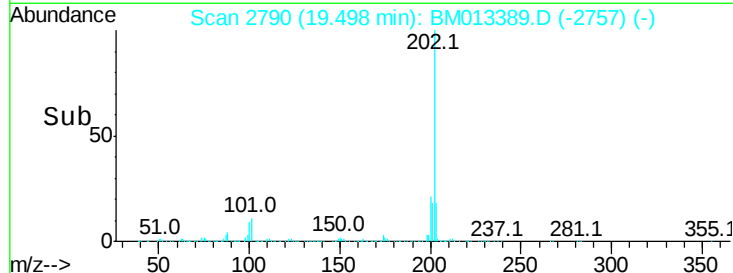
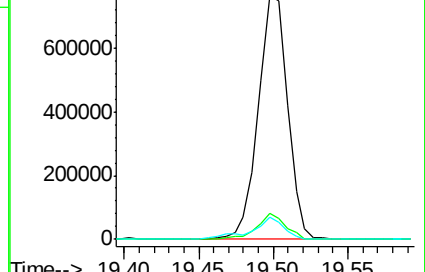
12/15/2017 7:34:30 PM



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



#80

Benzo(a)anthracene

Concen: 4.827 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM013389.D

Acq: 14 Dec 2017 00:20

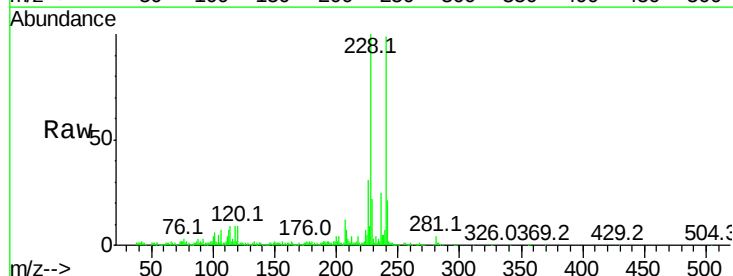
Tgt Ion:228 Resp: 375791

Ion Ratio Lower Upper

228 100

229 22.2 15.4 23.0

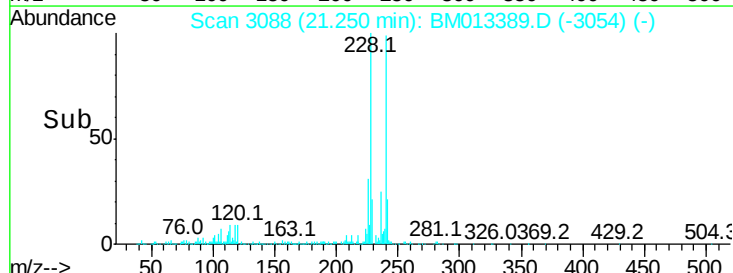
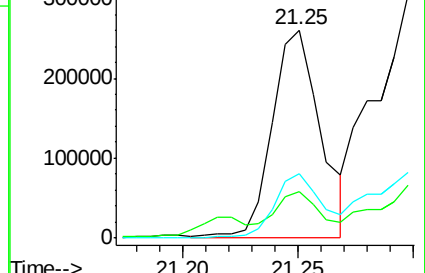
226 30.9 21.4 32.0

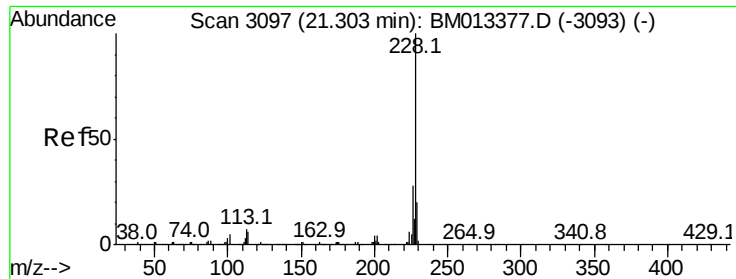


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





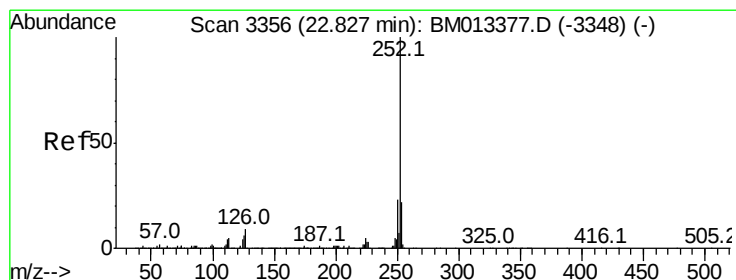
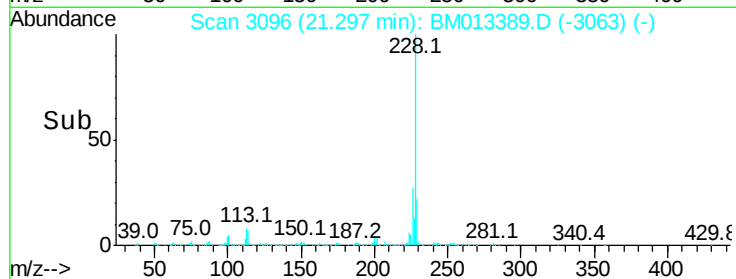
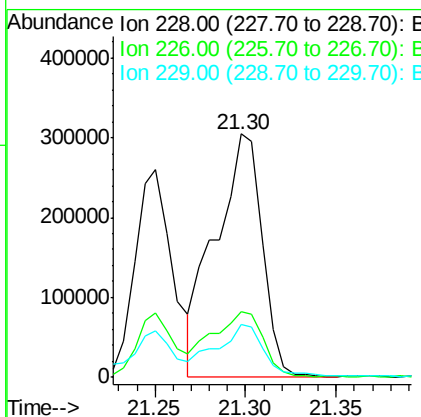
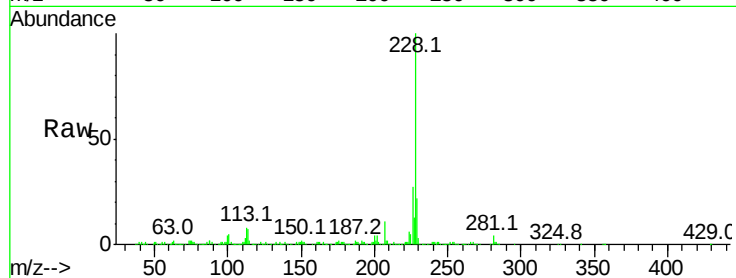
#82
Chrysene
Concen: 7.546 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM013389.D
Acq: 14 Dec 2017 00:20

Instrument :
BNA_M
ClientSampleId :
F9A22

Tot Ion:228	Resp:	544995
Ion Ratio	Lower	Upper
228 100		
226 27.0	23.4	35.2
229 21.9	15.5	23.3

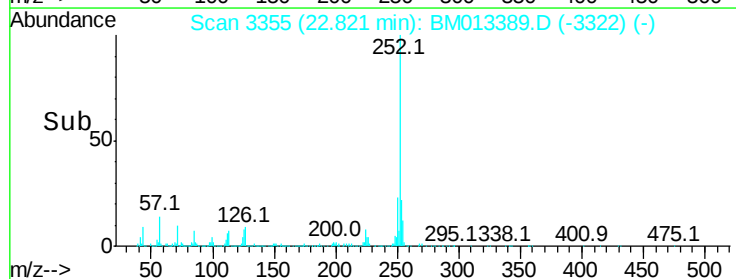
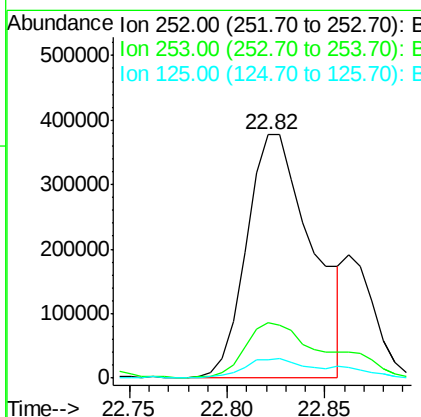
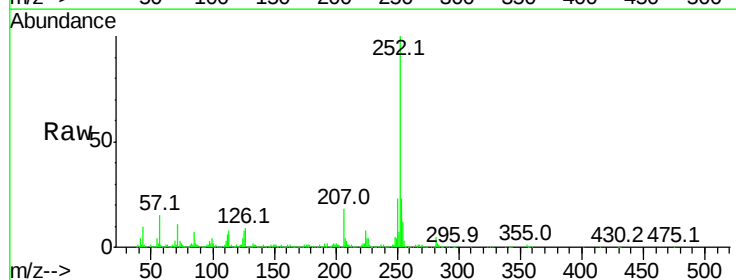
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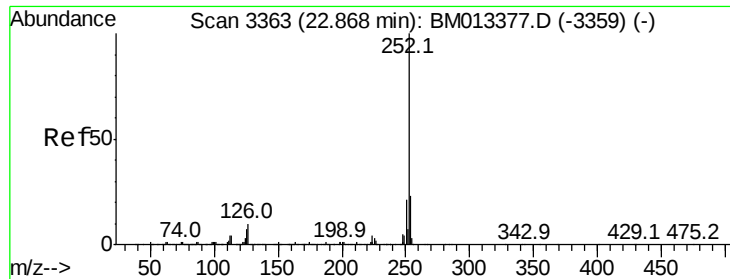
Sohil
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#85
Benzo(b)fluoranthene
Concen: 11.102 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM013389.D
Acq: 14 Dec 2017 00:20

Tgt Ion:252	Resp:	871916
Ion Ratio	Lower	Upper
252 100		
253 22.7	17.9	26.9
125 7.7	3.6	5.4#





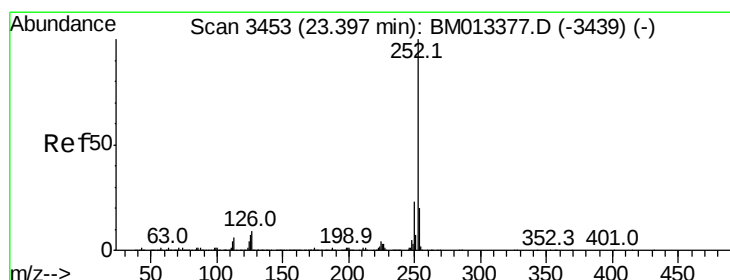
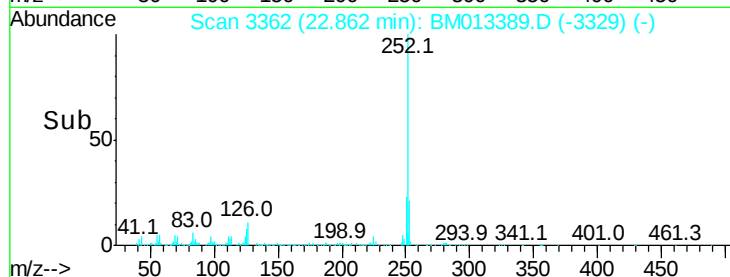
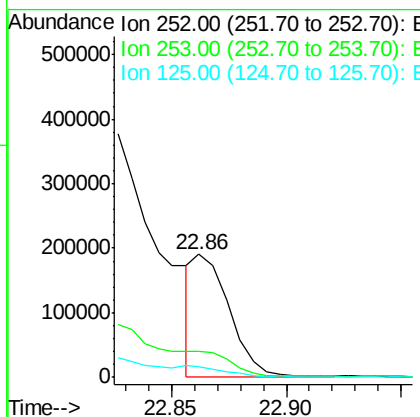
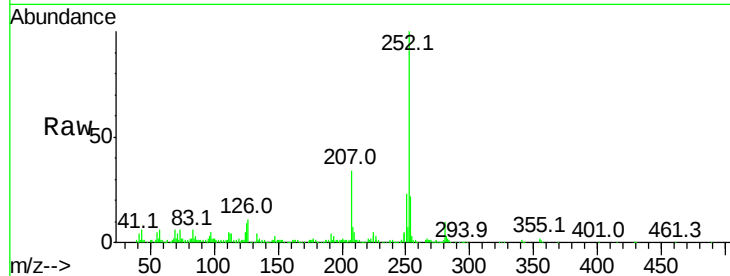
#86
Benzo(k)fluoranthene
Concen: 2.737 ng/ul m
RT: 22.86 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM013389.D
Acq: 14 Dec 2017 00:20

Instrument :
BNA_M
ClientSampled :
F9A22

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.7	17.1	25.7
125	8.6	3.4	5.2#

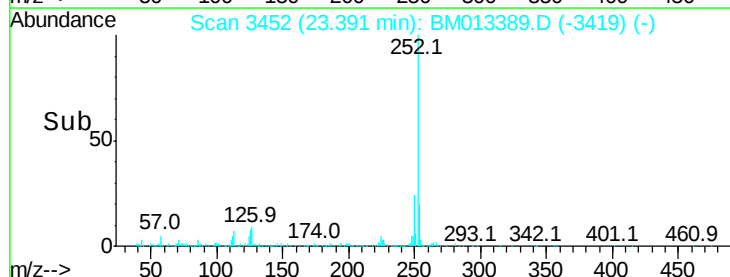
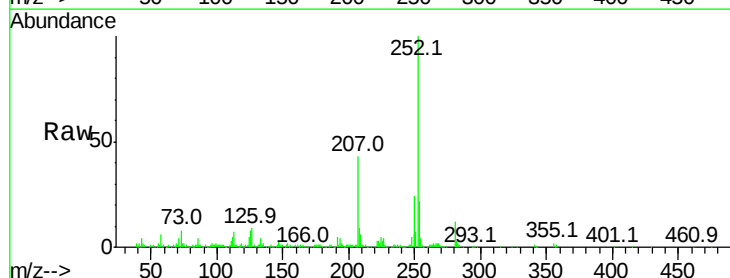
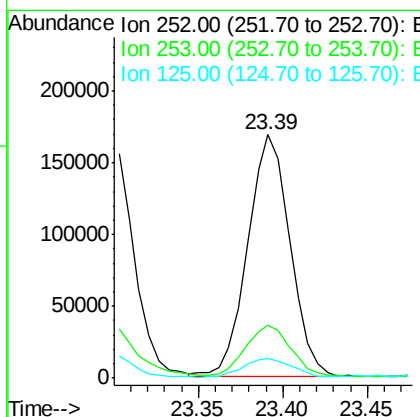
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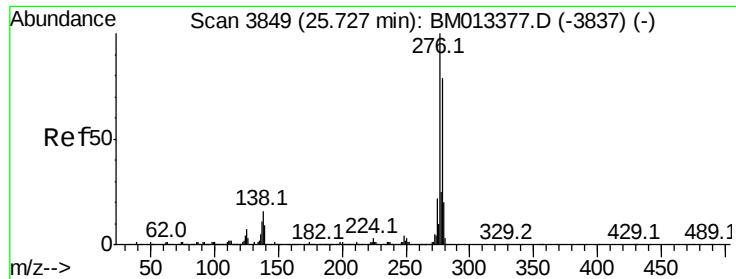
Sohil
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#88
Benzo(a)pyrene
Concen: 4.151 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM013389.D
Acq: 14 Dec 2017 00:20

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	18.2	27.2
125	8.2	4.0	6.0#





#89

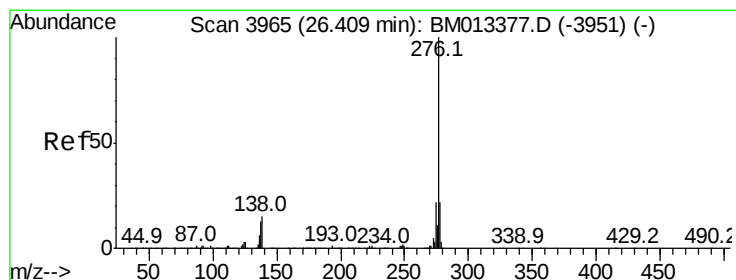
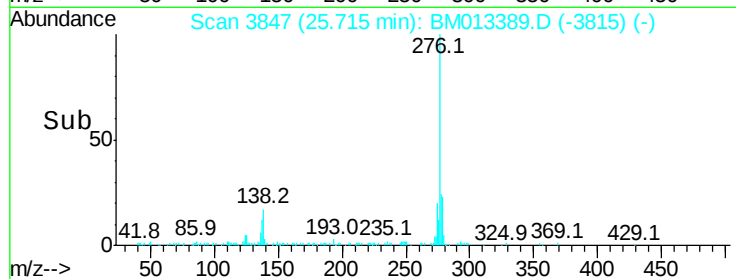
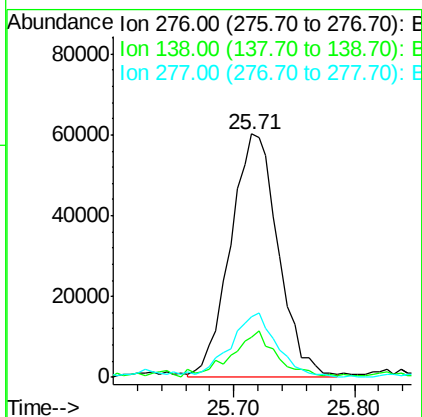
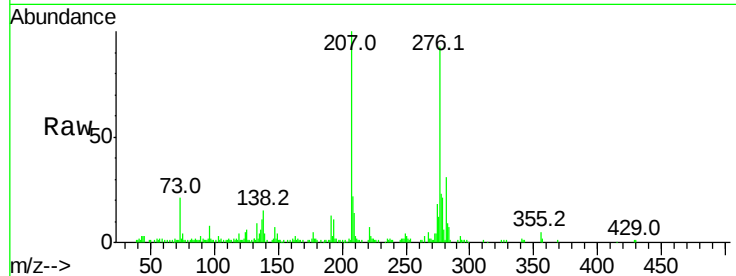
Indeno(1,2,3-cd)pyrene
Concen: 2.354 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013389.D
Acq: 14 Dec 2017 00:20

Instrument :
BNA_M
ClientSampleId :
F9A22

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	9.3	13.9#
277	24.8	19.9	29.9

Manual Integrations
APPROVED

Sohil
12/15/2017 7:34:30 PM



#91

Benzo(g,h,i)perylene
Concen: 1.835 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM013389.D
Acq: 14 Dec 2017 00:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	8.5	12.7#
277	20.2	18.6	28.0

