

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
 Data File : BM006981.D
 Acq On : 08 Aug 2016 07:00
 Operator : UM/SJ
 Sample : H4302-20
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA0K5

Manual Integrations
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Quant Time: Aug 08 16:17:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 15:12:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	323282	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1461307	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.21	164	858545	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.97	188	1950633	20.00	ng/ul	0.00
29) Chrysene-d12	21.18	240	1679752	20.00	ng/ul	0.00
34) Perylene-d12	23.37	264	1579656	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.09	96	8223	1.16	ng/uL	0.00
3) Phenol-d5	6.77	99	458476	14.96	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	313066	16.29	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	366194	16.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	376917	14.73	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	197239	18.17	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	216807	16.68	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	391317	15.88	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	353270	12.01	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1296310	17.16	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1601000	18.32	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	122978	11.22	ng/ul	0.02
21) Fluorene-d10	15.21	176	1136895	17.70	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.38	200	94551	11.74	ng/ul	0.00
26) Anthracene-d10	17.07	188	1742752	18.49	ng/ul	0.00
30) Pyrene-d10	19.37	212	1799065	22.47	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.23	264	1401983	18.63	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.01	178	352730	3.23	ng/ul	98
28) Fluoranthene	19.04	202	1063774	8.01	ng/ul	97
31) Pyrene	19.40	202	859373	8.23	ng/ul	96
32) Benzo(a)anthracene	21.16	228	631152	6.33	ng/ul	96
33) Chrysene	21.21	228	598128	6.82	ng/ul	97
35) Benzo(b)fluoranthene	22.72	252	1028431	9.98	ng/ul#	95
36) Benzo(k)fluoranthene	22.76	252	337884m	3.39	ng/ul	
38) Benzo(a)pyrene	23.27	252	666939	7.13	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	25.56	276	556940	5.87	ng/ul	97
40) Dibenzo(a,h)anthracene	25.56	278	168001	2.10	ng/ul#	81
41) Benzo(g,h,i)perylene	26.23	276	536705	7.19	ng/ul	96

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

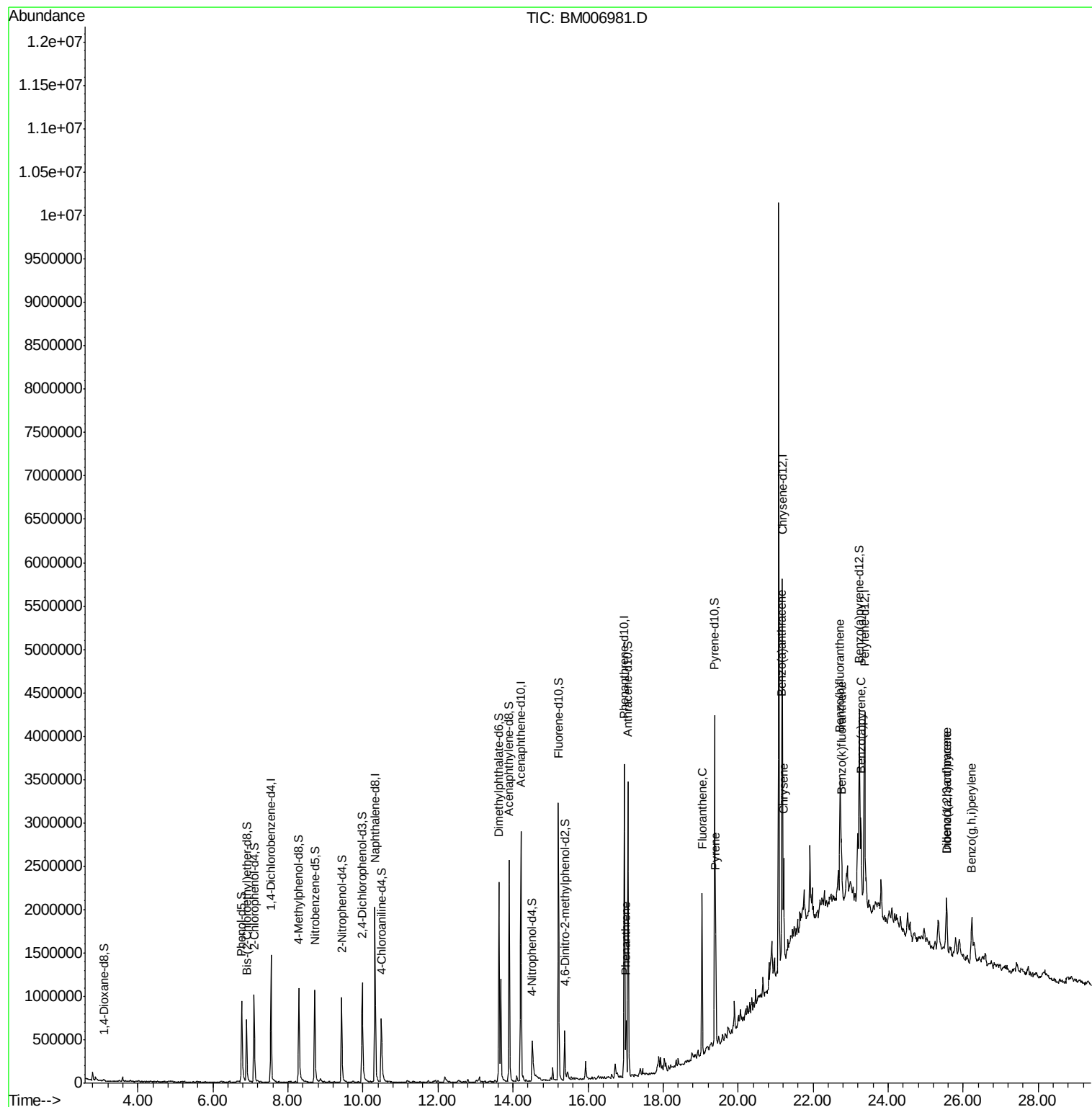
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080716\
Data File : BM006981.D
Acq On : 08 Aug 2016 07:00
Operator : UM/SJ
Sample : H4302-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

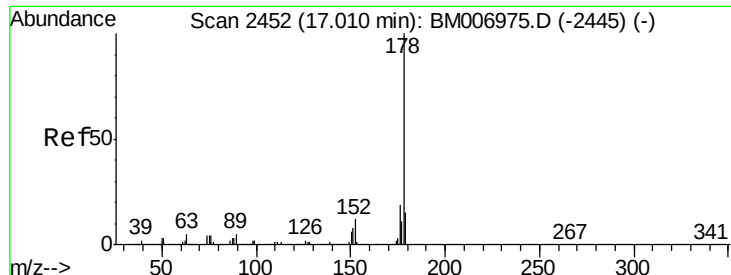
Instrument :
BNA_M
ClientSampleId :
DA0K5

Quant Time: Aug 08 16:17:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 15:12:48 2016
Response via : Initial Calibration

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#25

Phenanthrene

Concen: 3.23 ng/ul

RT: 17.01 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BM006981.D

Acq: 08 Aug 2016 07:00

Instrument :

BNA_M

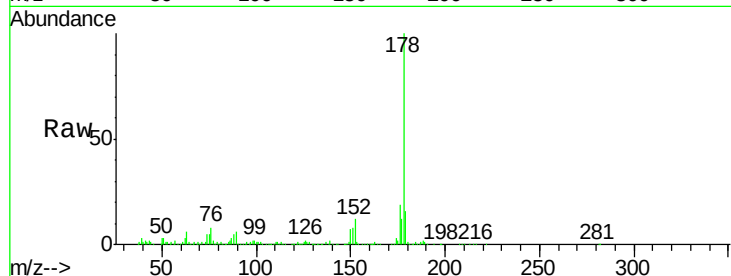
ClientSampleId :

DA0K5

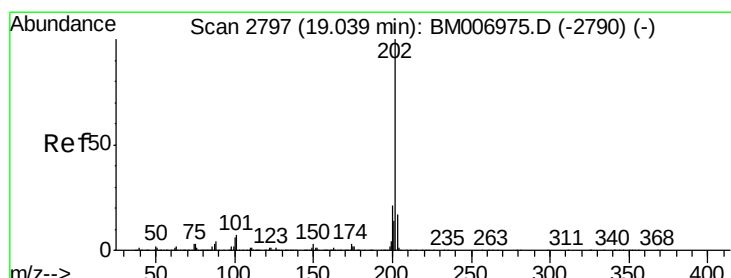
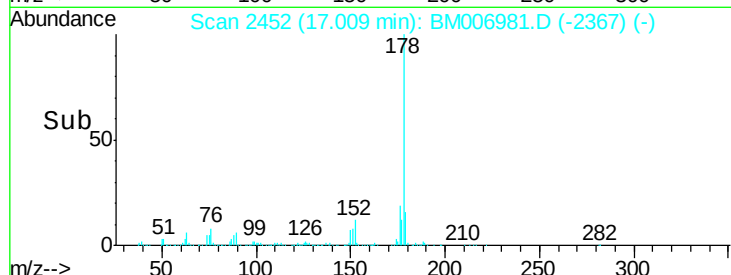
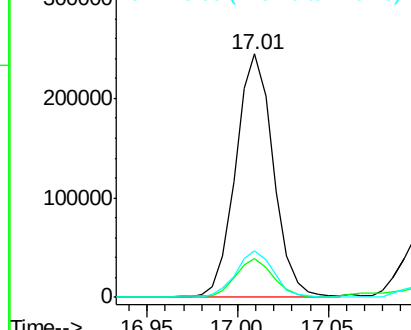
Tgt Ion:	178	Resp:	352730
Ion Ratio		Lower	Upper
178	100		
179	16.1	12.0	18.0
176	19.0	15.0	22.4

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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



#28

Fluoranthene

Concen: 8.01 ng/ul

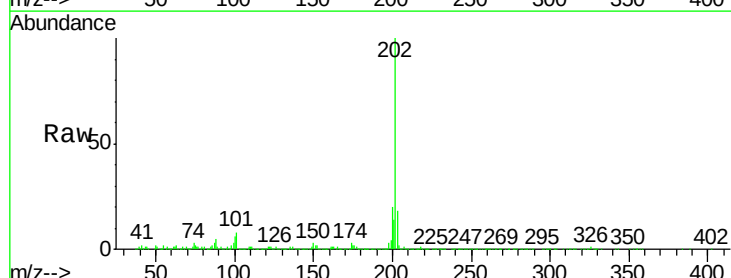
RT: 19.04 min Scan# 2797

Delta R.T. -0.00 min

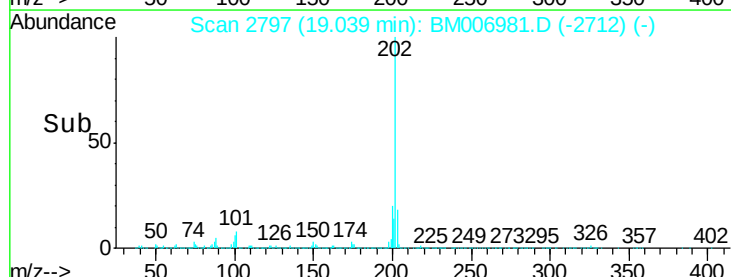
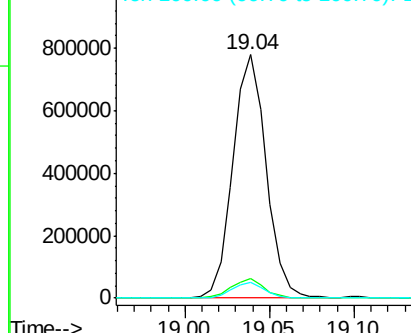
Lab File: BM006981.D

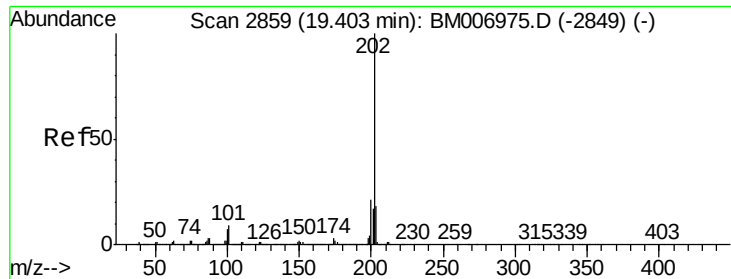
Acq: 08 Aug 2016 07:00

Tgt Ion:	202	Resp:	1063774
Ion Ratio		Lower	Upper
202	100		
101	7.9	5.6	8.4
100	6.3	4.2	6.4



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





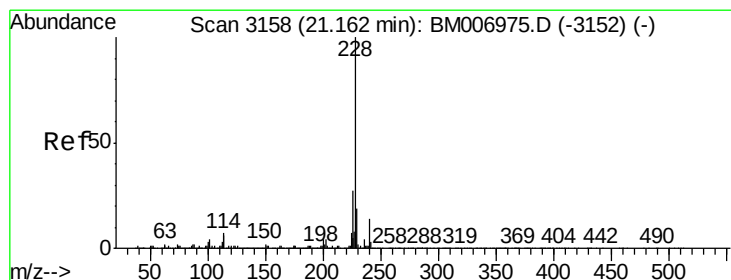
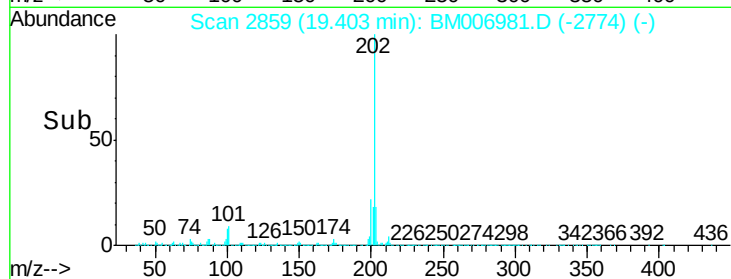
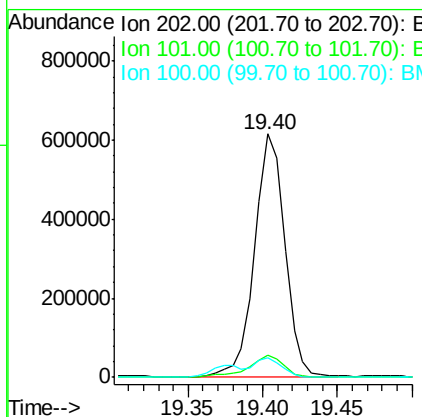
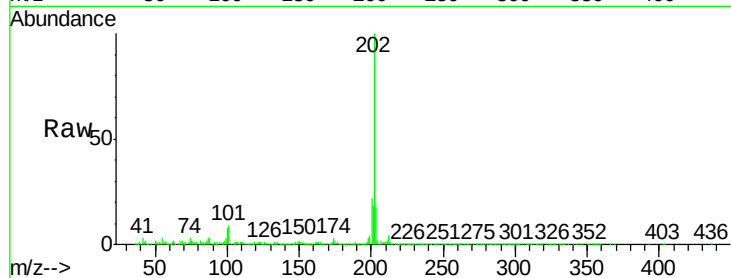
#31
 Pyrene
 Concen: 8.23 ng/ul
 RT: 19.40 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BM006981.D
 Acq: 08 Aug 2016 07:00

Instrument :
 BNA_M
 ClientSampleId :
 DA0K5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.1	6.4	9.6
100	8.1	5.4	8.2

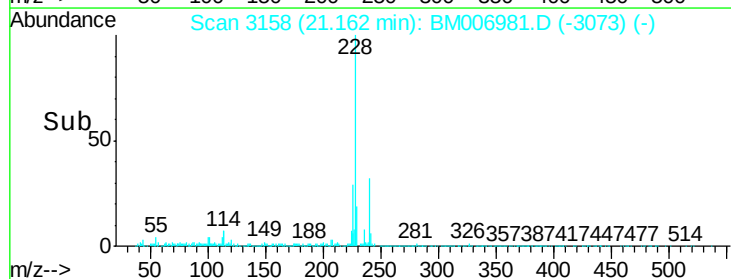
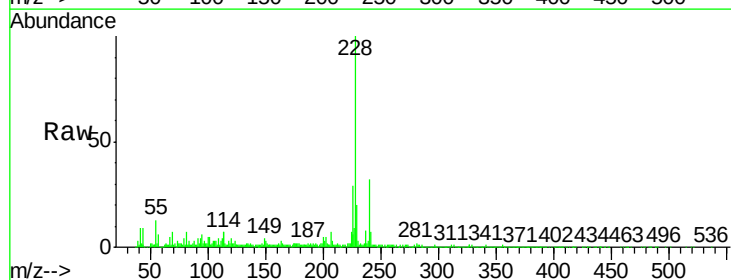
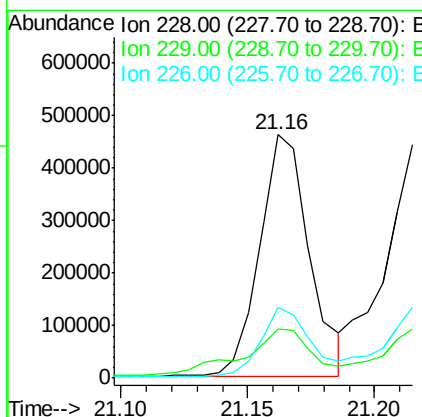
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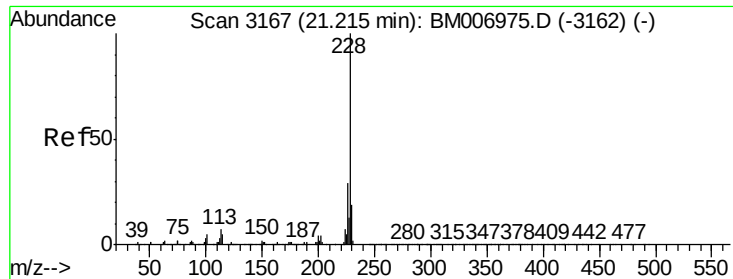
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#32
 Benzo(a)anthracene
 Concen: 6.33 ng/ul
 RT: 21.16 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BM006981.D
 Acq: 08 Aug 2016 07:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	15.2	22.8
226	29.2	21.3	31.9





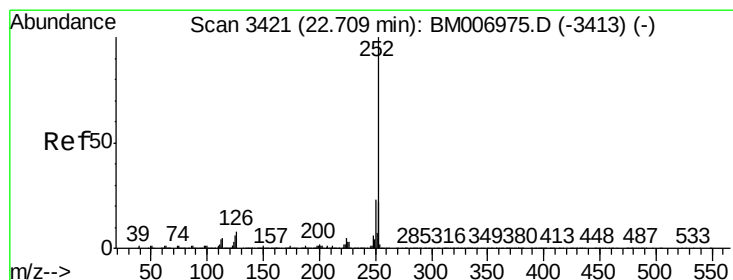
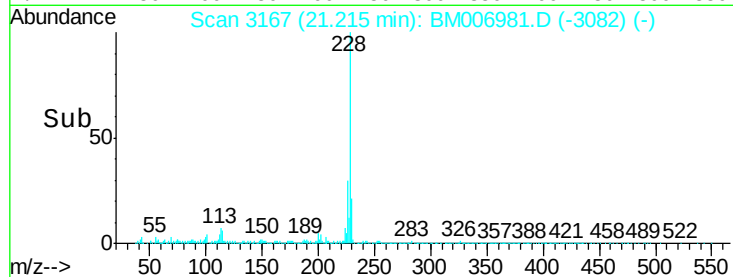
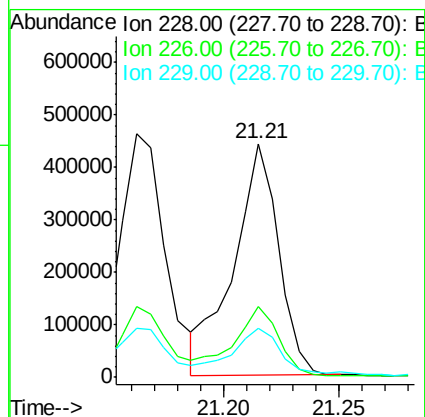
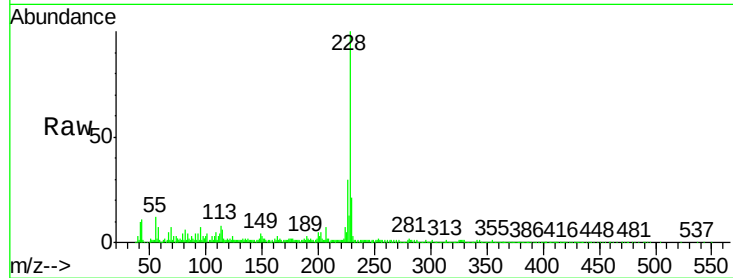
#33
Chrysene
 Concen: 6.82 ng/ul
 RT: 21.21 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BM006981.D
 Acq: 08 Aug 2016 07:00

Instrument :
 BNA_M
 ClientSampleId :
 DA0K5

Tgt Ion:	228	Resp:	598128
Ion Ratio		Lower	Upper
228	100		
226	30.3	23.8	35.6
229	21.1	15.1	22.7

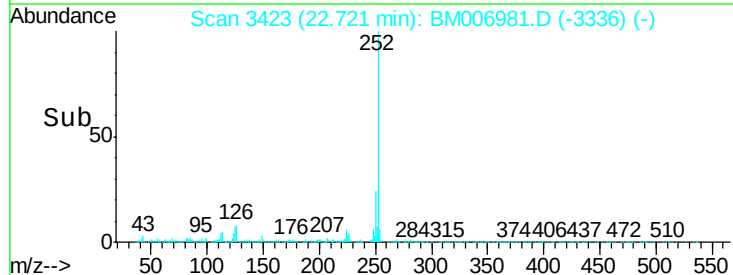
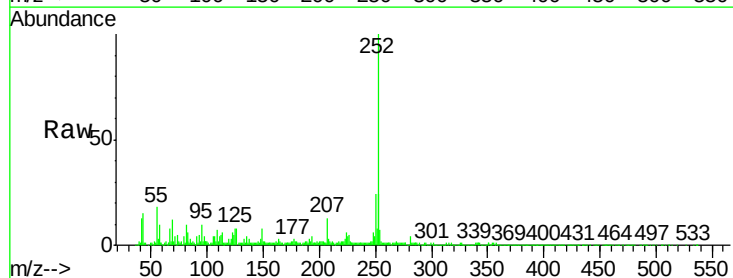
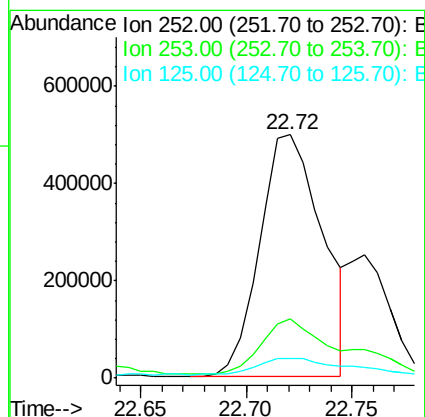
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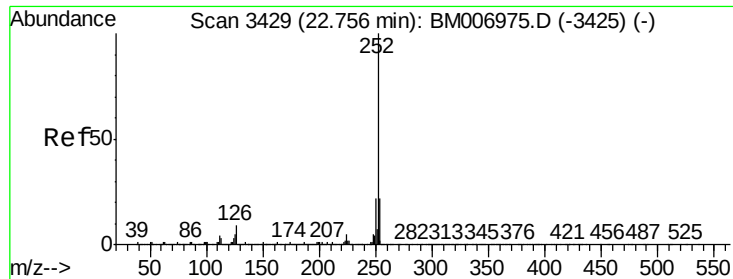
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#35
Benzo(b)fluoranthene
 Concen: 9.98 ng/ul
 RT: 22.72 min Scan# 3423
 Delta R.T. 0.01 min
 Lab File: BM006981.D
 Acq: 08 Aug 2016 07:00

Tgt Ion:	252	Resp:	1028431
Ion Ratio		Lower	Upper
252	100		
253	24.4	17.6	26.4
125	8.0	5.1	7.7#





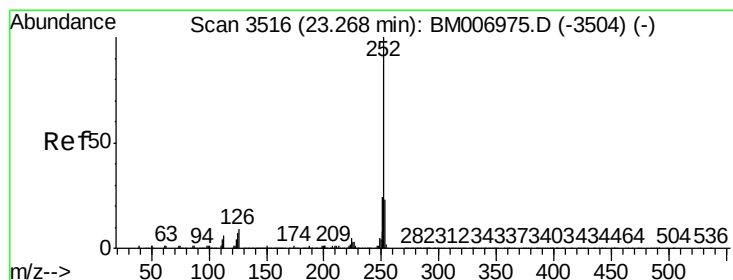
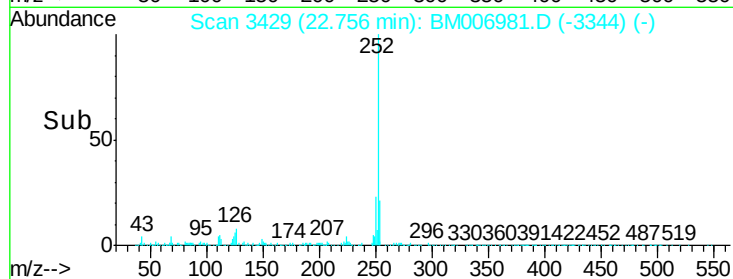
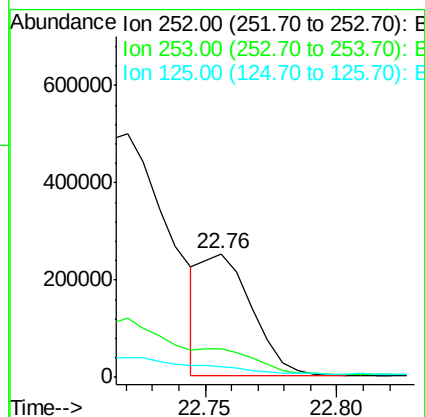
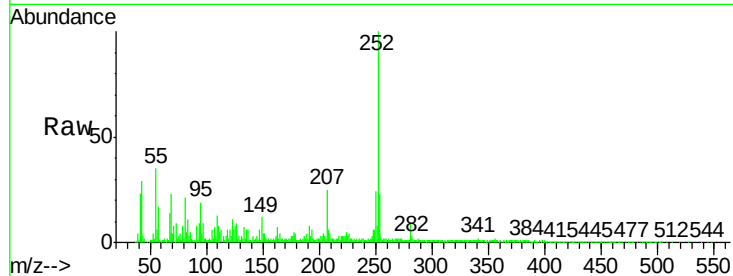
#36
Benzo(k)fluoranthene
Concen: 3.39 ng/ul m
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006981.D
Acq: 08 Aug 2016 07:00

Instrument :
BNA_M
ClientSampled :
DA0K5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	8.5	5.1	7.7#

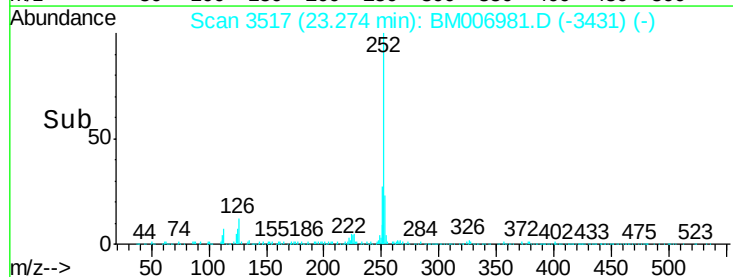
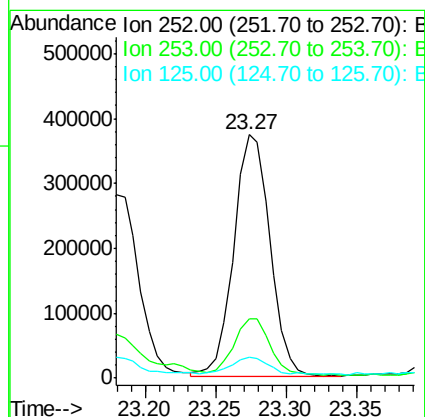
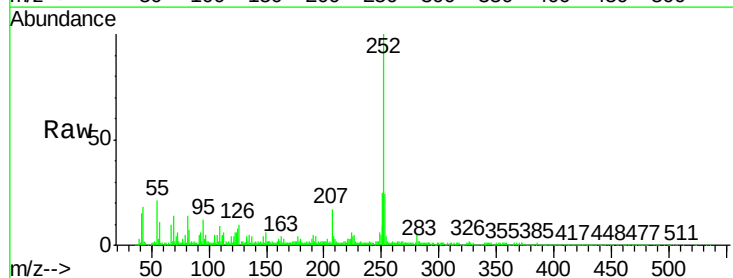
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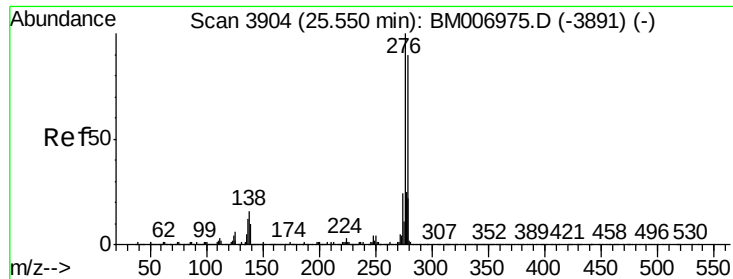
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#38
Benzo(a)pyrene
Concen: 7.13 ng/ul
RT: 23.27 min Scan# 3517
Delta R.T. 0.01 min
Lab File: BM006981.D
Acq: 08 Aug 2016 07:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	8.5	5.6	8.4#





#39

Indeno(1,2,3-cd)pyrene

Concen: 5.87 ng/ul

RT: 25.56 min Scan# 3906

Delta R.T. 0.01 min

Lab File: BM006981.D

Acq: 08 Aug 2016 07:00

Instrument :

BNA_M

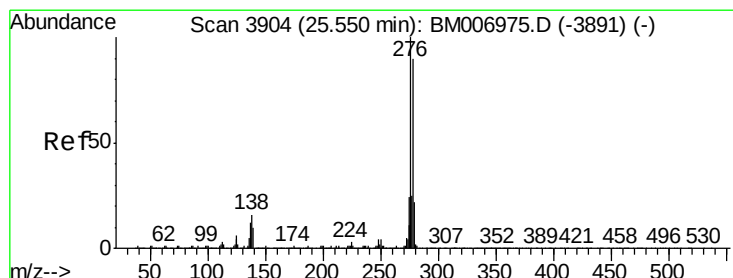
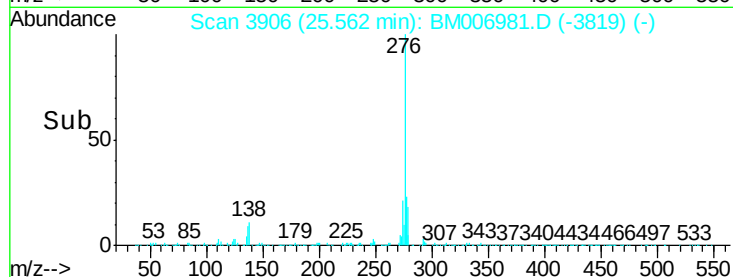
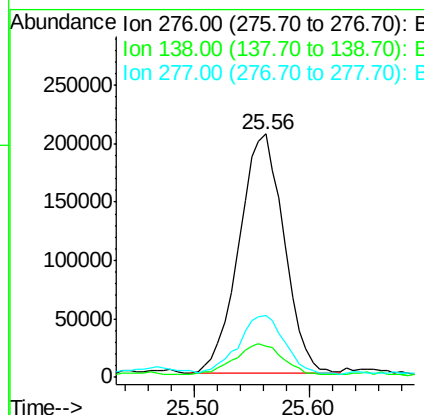
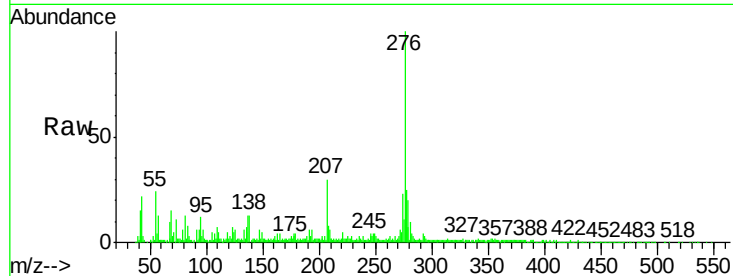
ClientSampleId :

DA0K5

Tgt Ion:	276	Resp:	556940
Ion Ratio	Lower	Upper	
276	100		
138	12.7	12.6	19.0
277	25.3	20.3	30.5

Manual Integrations
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#40

Dibenzo(a,h)anthracene

Concen: 2.10 ng/ul

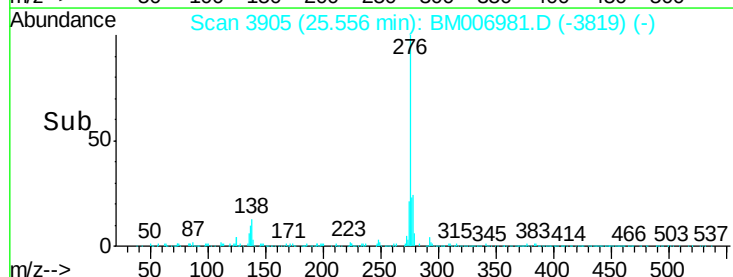
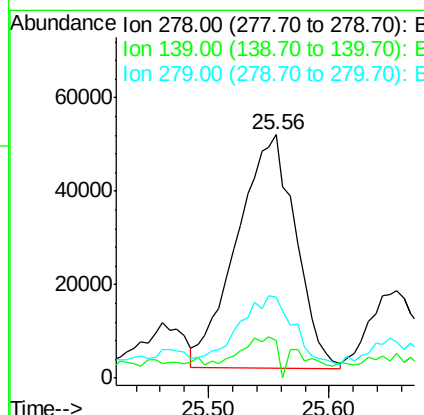
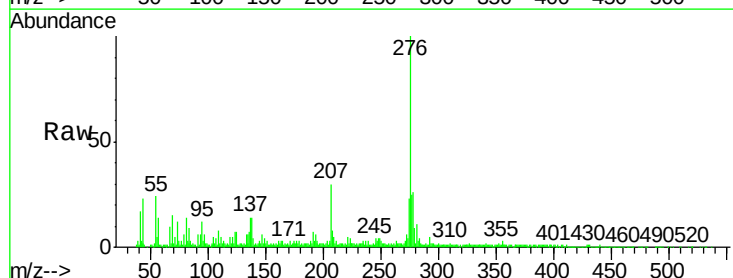
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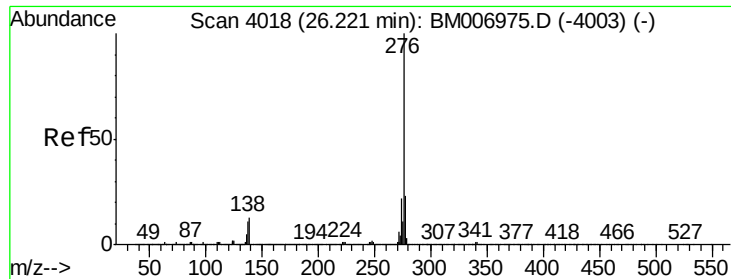
Delta R.T. 0.01 min

Lab File: BM006981.D

Acq: 08 Aug 2016 07:00

Tgt Ion:	278	Resp:	168001
Ion Ratio	Lower	Upper	
278	100		
139	15.5	7.5	11.3#
279	33.3	19.0	28.4#





#41

Benzo(g,h,i)perylene

Concen: 7.19 ng/ul

RT: 26.23 min Scan# 4019

Delta R.T. 0.01 min

Lab File: BM006981.D

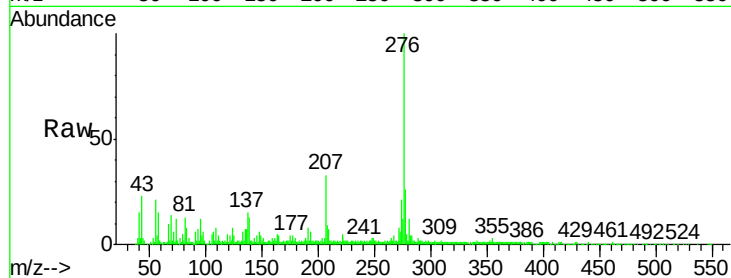
Acq: 08 Aug 2016 07:00

Instrument :

BNA_M

ClientSampleId :

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Tgt	Ion	276	Resp:	536705
	Ratio	100	Lower	Upper
	276	100		
	138	13.4	10.9	16.3
	277	25.8	18.6	27.8

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