

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
 Data File : BM013499.D
 Acq On : 18 Dec 2017 15:24
 Operator : SJ/JU
 Sample : I6776-03MEDL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A55MEDL

Manual Integrations
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Quant Time: Dec 19 01:30:40 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	196502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	863265	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	484667	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1042570	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	770001	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	652433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1039	0.26	ng/uL	0.01
5) Phenol-d5	6.86	99	29358	1.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	17284	1.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	21825	1.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	22526	1.55	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	12908	1.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	12465	1.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	24857m	1.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	21015m	1.51	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	80569	1.87	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	103665	1.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	4952	0.66	ng/ul	0.04
57) Fluorene-d10	15.31	176	64565	1.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	3902	0.59	ng/ul	0.01
70) Anthracene-d10	17.16	188	106674	2.04	ng/ul	0.00
76) Pyrene-d10	19.46	212	99671	2.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	68479	2.06	ng/ul	0.00

Target Compounds

					Qvalue	
74) Fluoranthene	19.13	202	1569223	21.619	ng/ul#	92
77) Pyrene	19.49	202	2097806	44.844	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	332317	6.802	ng/ul	98
82) Chrysene	21.29	228	502904	11.096	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	251583	5.720	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	78597	1.899	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	85015	2.152	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	44792	1.143	ng/ul#	89
91) Benzo(g,h,i)perylene	26.39	276	31140m	1.007	ng/ul	

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

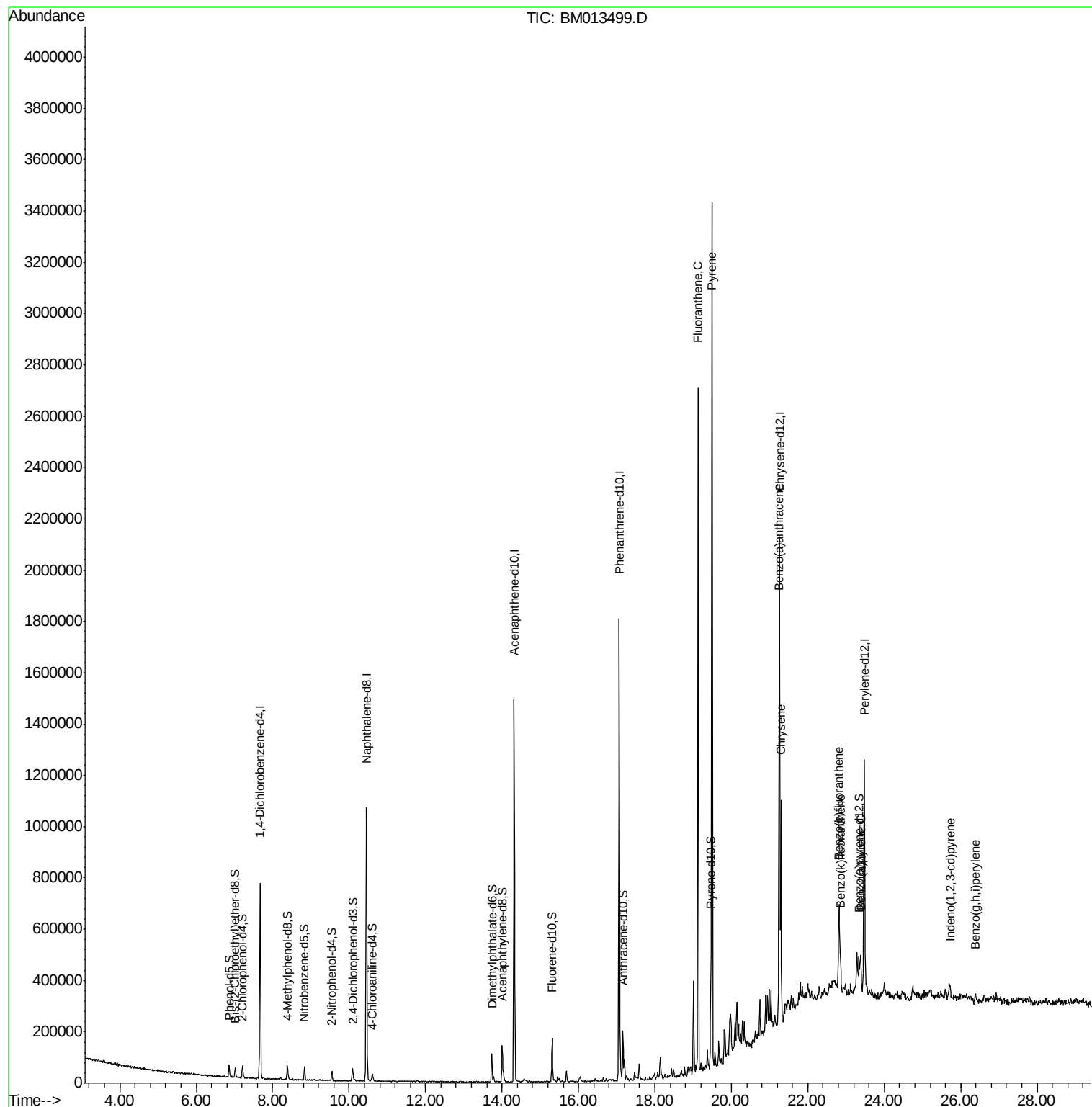
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
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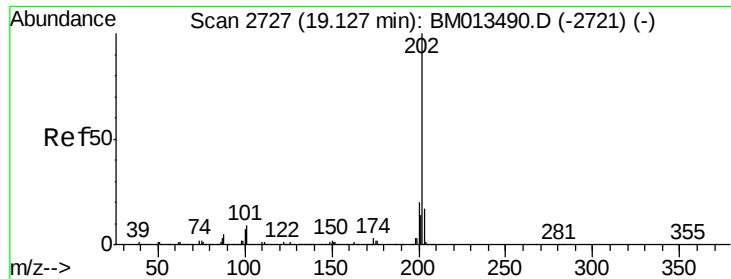
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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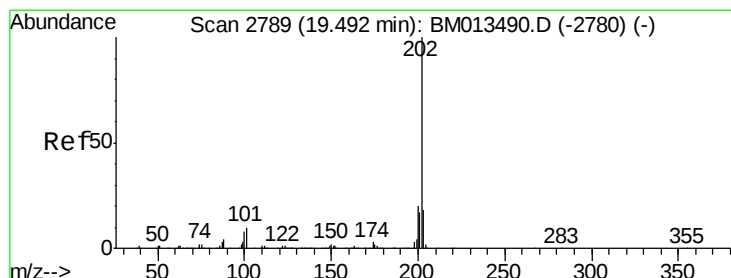
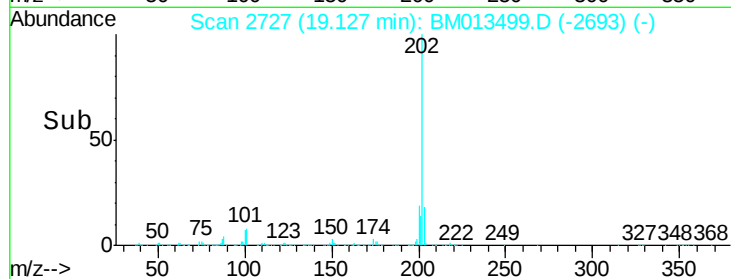
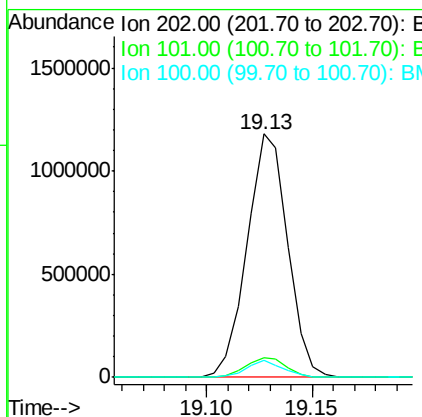
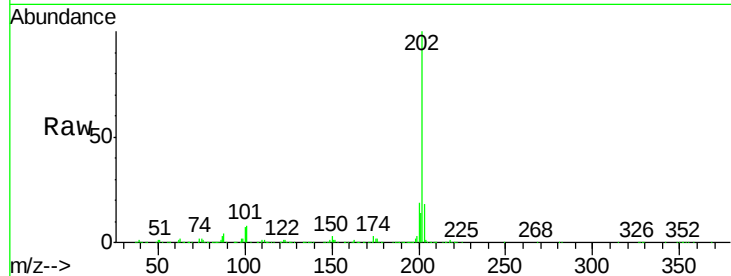
#74
 Fluoranthene
 Concen: 21.619 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM013499.D
 Acq: 18 Dec 2017 15:24

Instrument :
 BNA_M
 ClientSampleId :
 F9A55MEDL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.9	3.4	5.2#

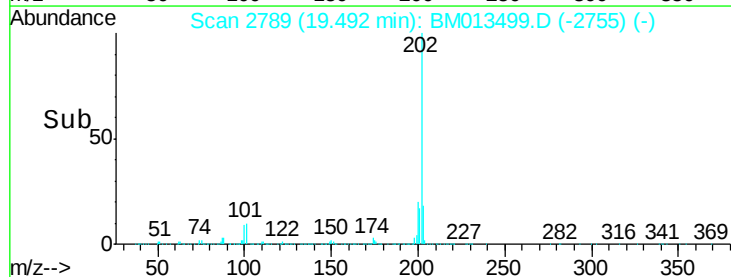
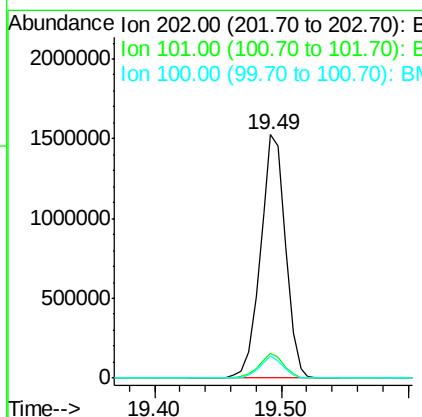
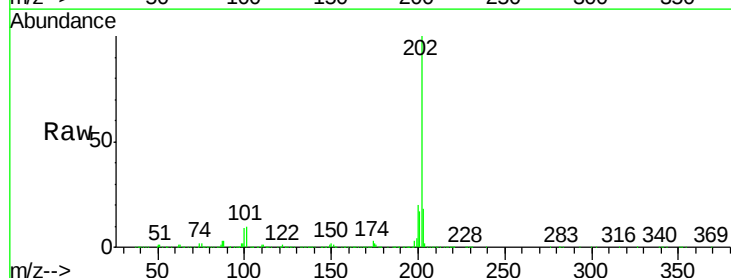
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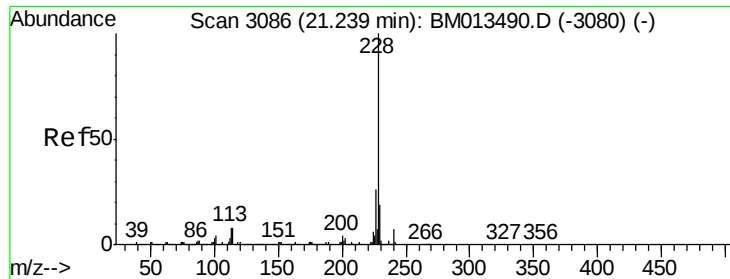
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#77
 Pyrene
 Concen: 44.844 ng/ul
 RT: 19.49 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BM013499.D
 Acq: 18 Dec 2017 15:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	8.9	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 6.802 ng/u1

RT: 21.24 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

Instrument :

BNA_M

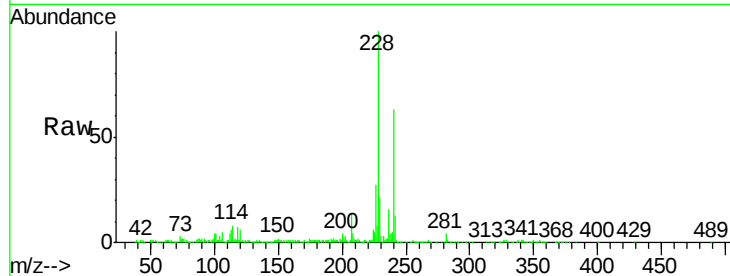
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F9A55MEDL

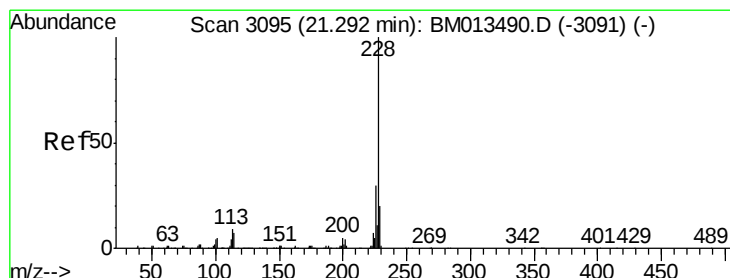
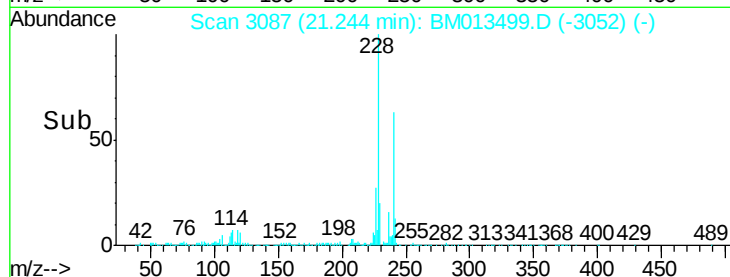
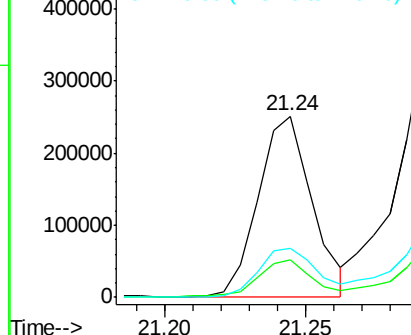
Tgt Ion:	228	Resp:	332317
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.4	23.0
226	27.1	21.4	32.0

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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: 11.096 ng/u1

RT: 21.29 min Scan# 3095

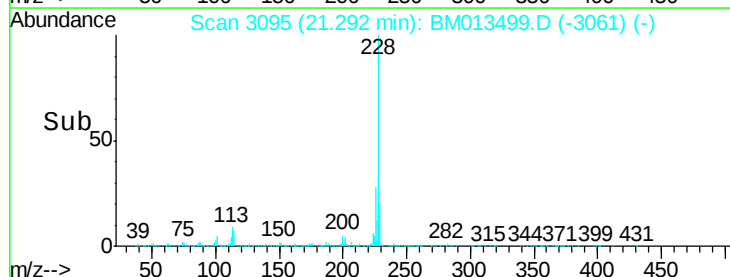
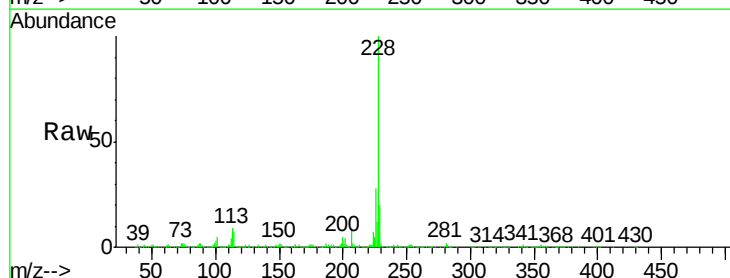
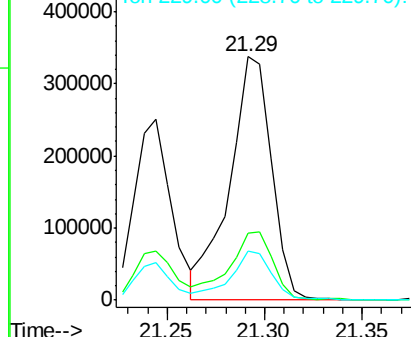
Delta R.T. -0.00 min

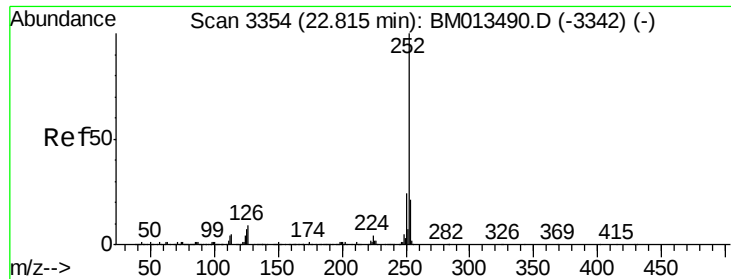
Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

Tgt Ion:	228	Resp:	502904
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.4	35.2
229	20.1	15.5	23.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





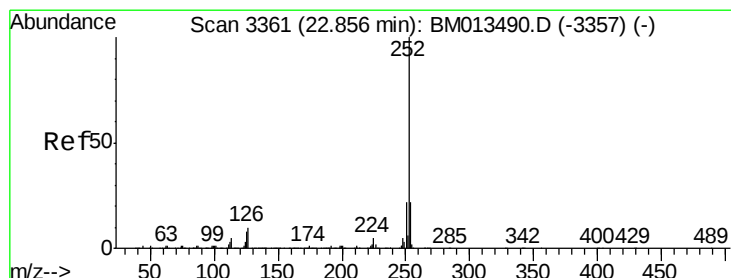
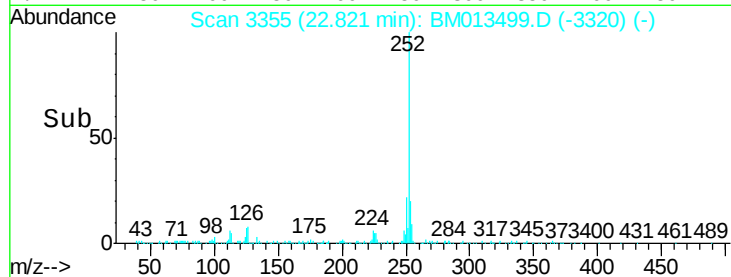
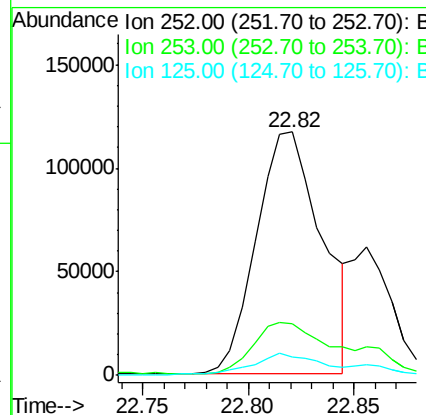
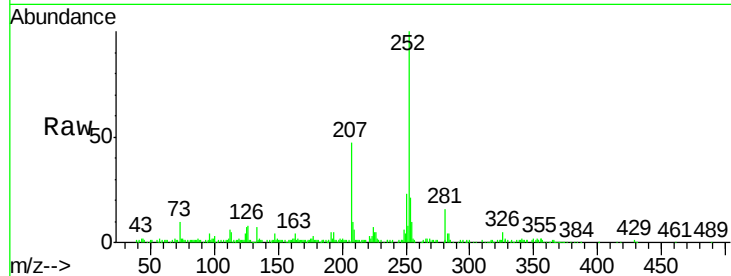
#85
Benzo(b)fluoranthene
Concen: 5.720 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013499.D
Acq: 18 Dec 2017 15:24

Instrument :
BNA_M
ClientSampleId :
F9A55MEDL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	7.3	3.6	5.4

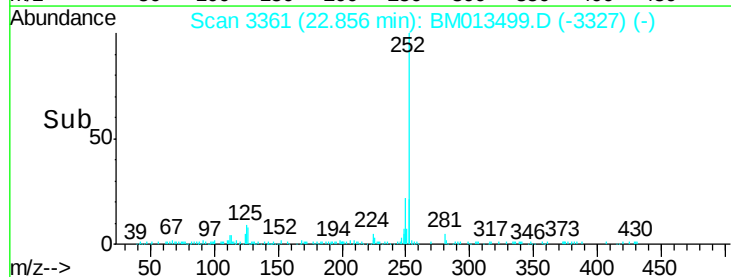
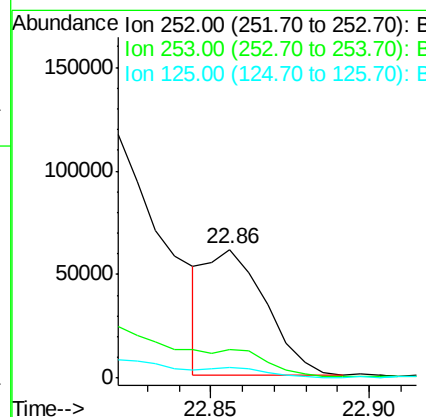
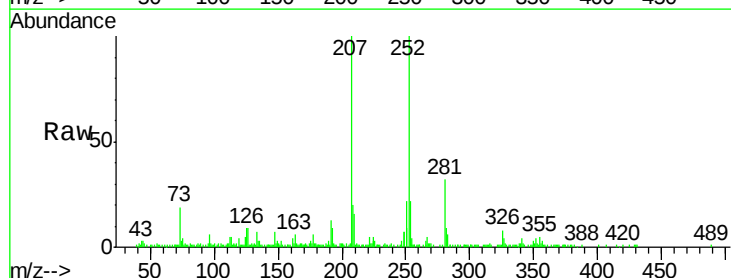
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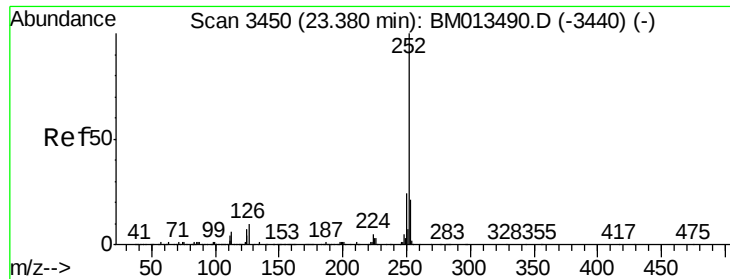
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#86
Benzo(k)fluoranthene
Concen: 1.899 ng/ul
RT: 22.86 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM013499.D
Acq: 18 Dec 2017 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	8.7	3.4	5.2





#88

Benzo(a)pyrene

Concen: 2.152 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

Instrument :

BNA_M

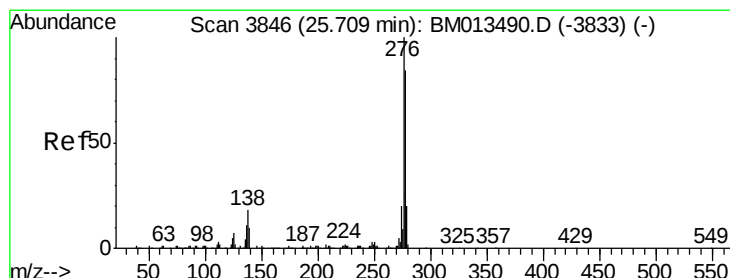
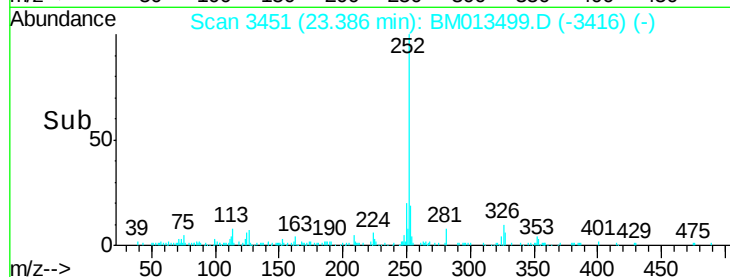
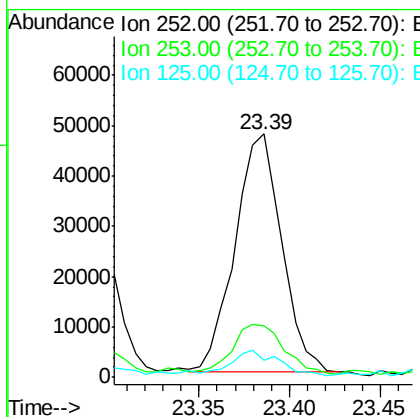
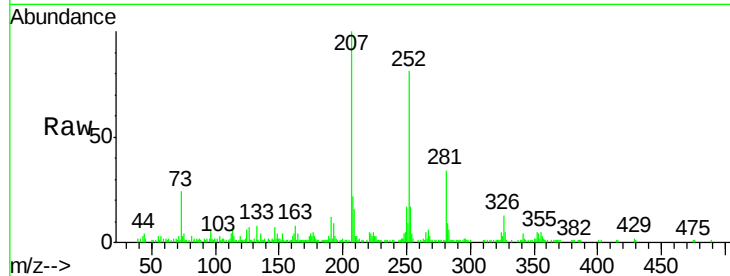
ClientSampleId :

F9A55MEDL

Tgt Ion:	252	Resp:	85015
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.2
125	7.0	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.143 ng/ul

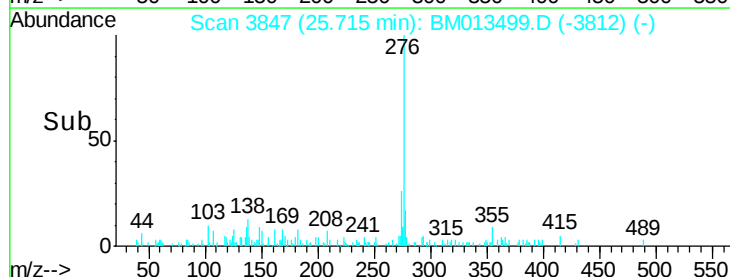
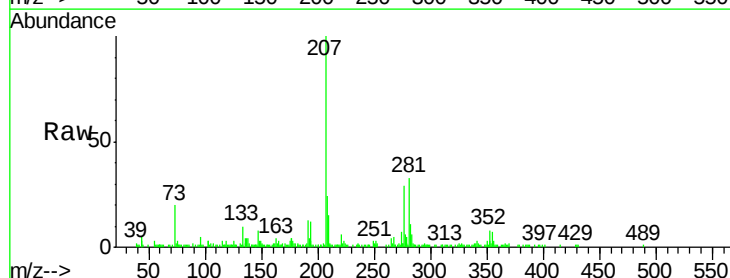
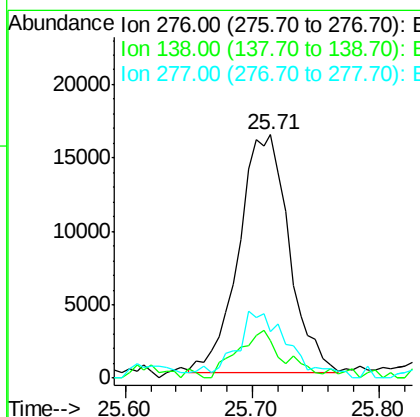
RT: 25.71 min Scan# 3847

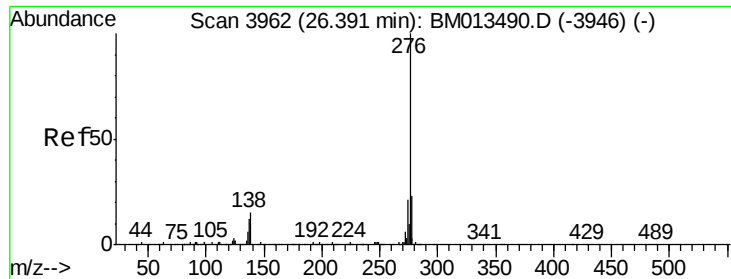
Delta R.T. 0.01 min

Lab File: BM013499.D

Acq: 18 Dec 2017 15:24

Tgt Ion:	276	Resp:	44792
Ion Ratio	Lower	Upper	
276	100		
138	15.3	9.3	13.9#
277	19.1	19.9	29.9#





#91
 Benzo(g,h,i)perylene
 Concen: 1.007 ng/ul m
 RT: 26.39 min Scan# 3961
 Delta R.T. -0.01 min
 Lab File: BM013499.D
 Acq: 18 Dec 2017 15:24

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	8.2	8.5	12.7#
277	30.1	18.6	28.0#

Manual Integrations
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