

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014479.D
 Acq On : 05 Mar 2018 18:59
 Operator : SJ/JU
 Sample : J1646-02DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W8DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:03 PM

Quant Time: Mar 06 00:56:31 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	77813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	300055	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	178998	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	383424	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	337984	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	314113	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	462	0.25	ng/uL	0.00
5) Phenol-d5	6.76	99	7943m	1.21	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.87	67	5648	1.42	ng/ul	0.01
9) 2-Chlorophenol-d4	7.06	132	7661m	1.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	3572m	0.62	ng/ul	0.05
19) Nitrobenzene-d5	8.72	128	3386	1.53	ng/ul	0.03
22) 2-Nitrophenol-d4	9.40	143	3244m	1.41	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	4315m	0.91	ng/ul	0.08
29) 4-Chloroaniline-d4	10.49	131	113	0.02	ng/ul	0.03
43) Dimethylphthalate-d6	13.61	166	21323m	1.44	ng/ul	0.01
46) Acenaphthylene-d8	13.87	160	27319	1.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	721	0.35	ng/ul	0.09
57) Fluorene-d10	15.19	176	19636	1.48	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.05	188	28750	1.55	ng/ul	0.01
76) Pyrene-d10	19.36	212	28764	1.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	22868	1.50	ng/ul	0.00
Target Compounds						
69) Phenanthrene	16.99	178	39728	1.798	ng/ul	97
74) Fluoranthene	19.02	202	57411	2.175	ng/ul#	97
77) Pyrene	19.39	202	48287	2.150	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	27272	1.293	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.07	149	582732	43.811	ng/ul#	97
82) Chrysene	21.20	228	26022	1.322	ng/ul#	77
85) Benzo(b)fluoranthene	22.70	252	28106	1.336	ng/ul#	80

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

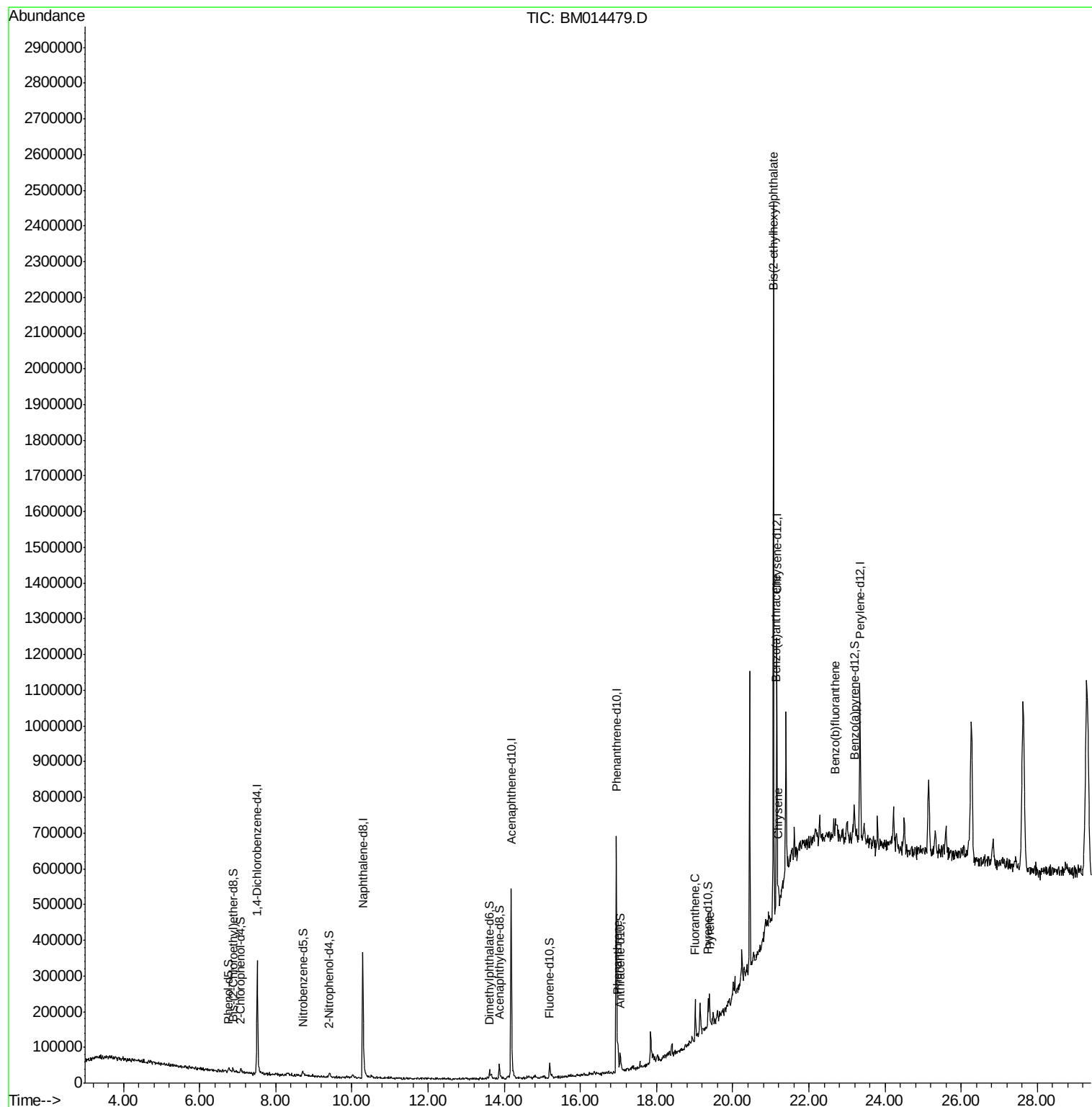
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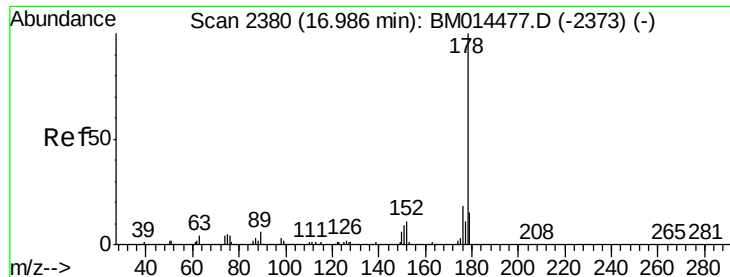
Instrument :
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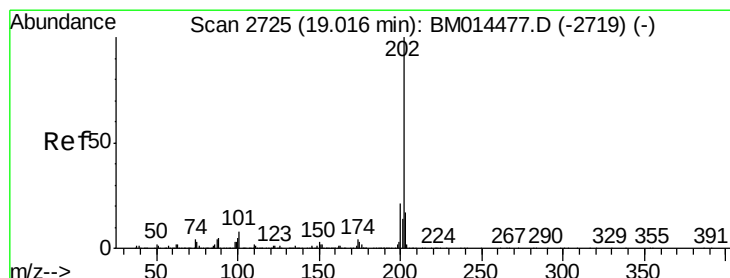
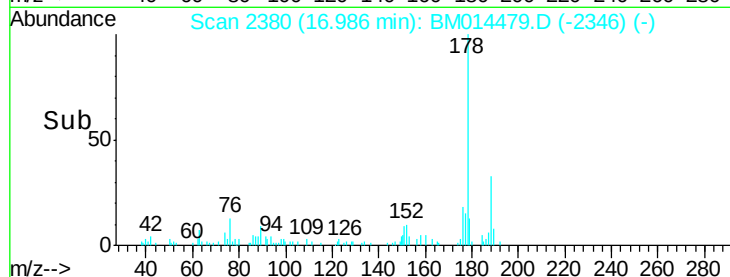
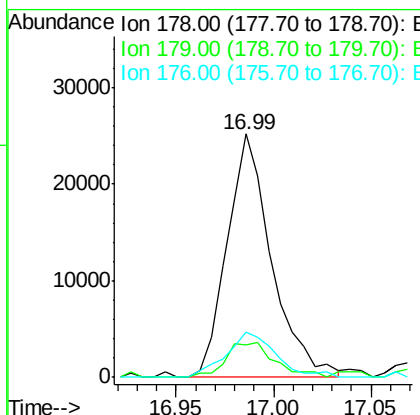
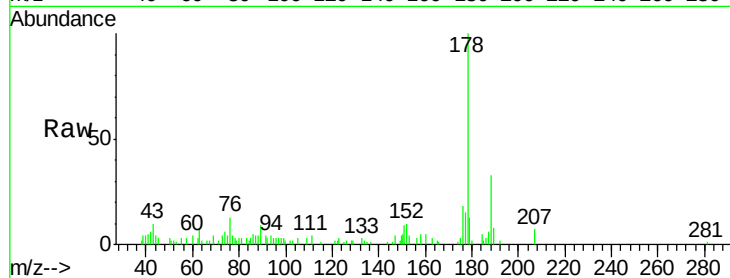
#69
Phenanthrene
Concen: 1.798 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM014479.D
Acq: 05 Mar 2018 18:59

Instrument :
BNA_M
ClientSampleId :
BE5W8DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.6	19.0
176	18.4	14.9	22.3

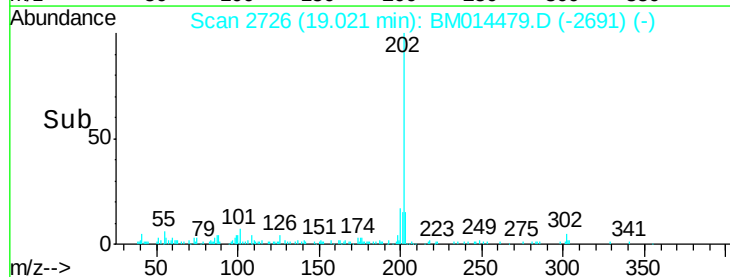
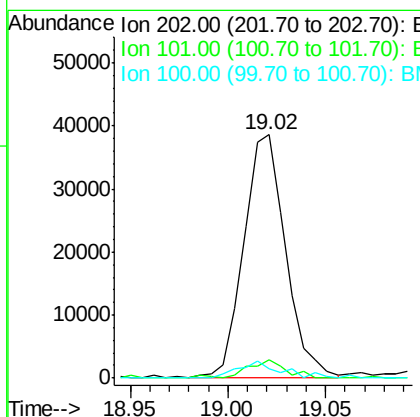
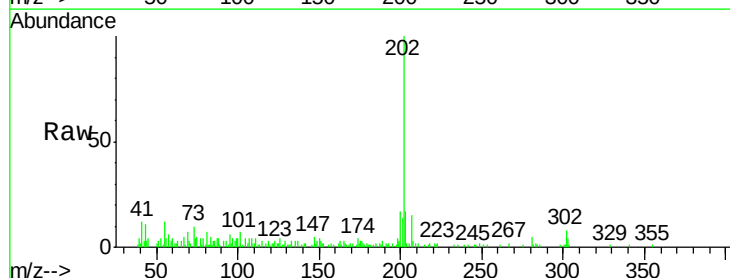
Manual Integrations
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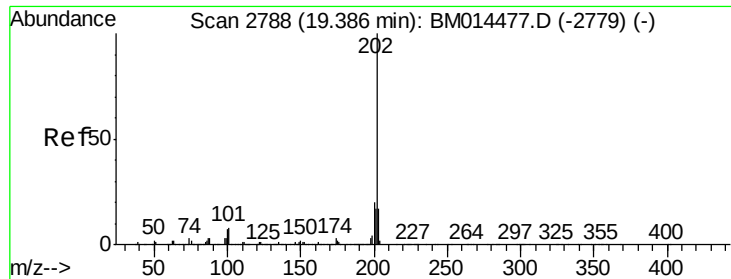
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#74
Fluoranthene
Concen: 2.175 ng/ul
RT: 19.02 min Scan# 2726
Delta R.T. 0.01 min
Lab File: BM014479.D
Acq: 05 Mar 2018 18:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.6	7.0#
100	4.1	3.4	5.2





#77

Pvrene

Concen: 2.150 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

Instrument :

BNA_M

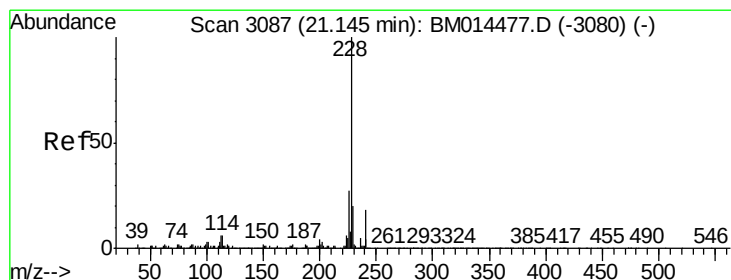
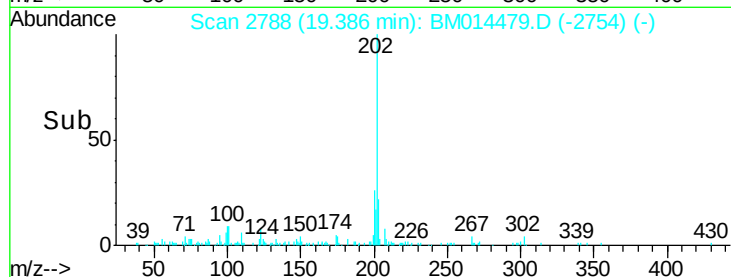
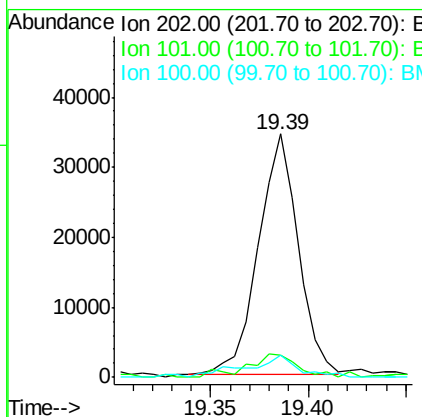
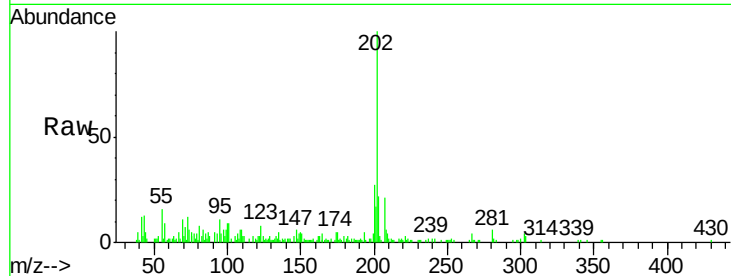
ClientSampleId :

BE5W8DL

Tot Ion:	202	Resp:	48287
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	9.2	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 1.293 ng/ul

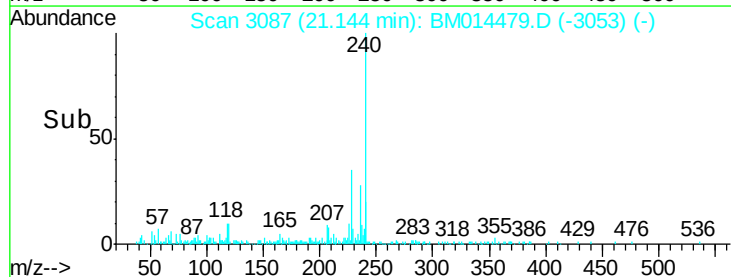
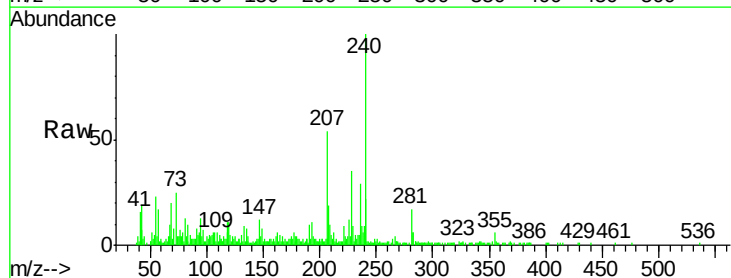
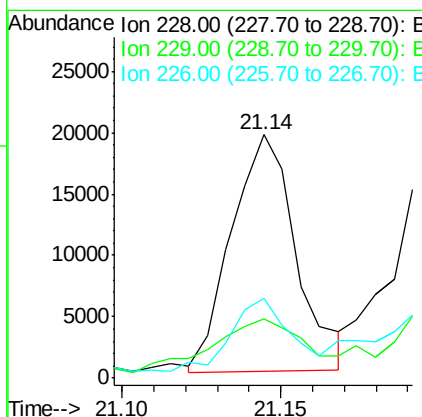
RT: 21.14 min Scan# 3087

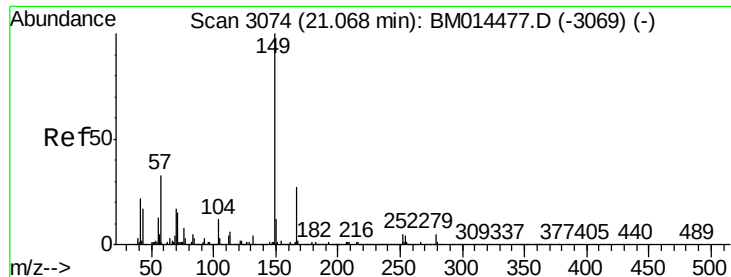
Delta R.T. -0.00 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

Tgt Ion:	228	Resp:	27272
Ion Ratio	Lower	Upper	
228	100		
229	24.3	15.4	23.0#
226	32.9	21.4	32.0#





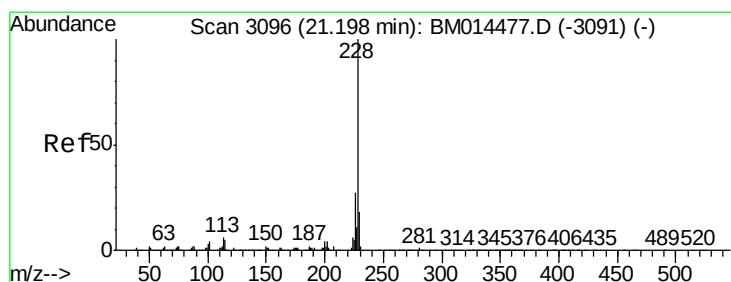
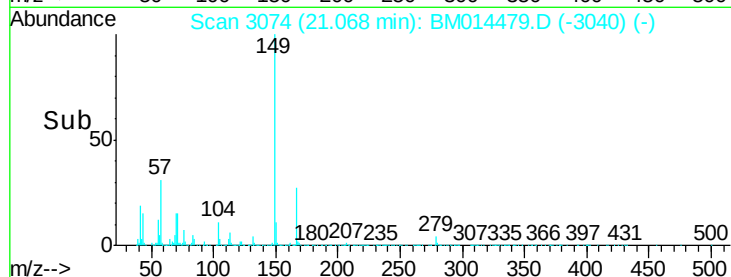
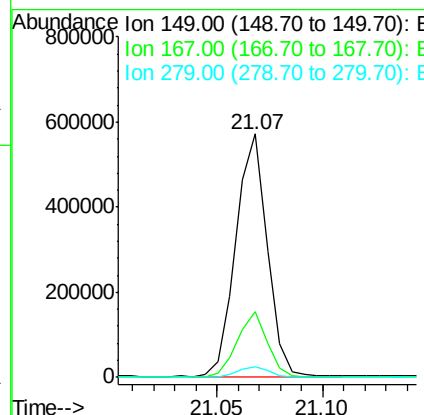
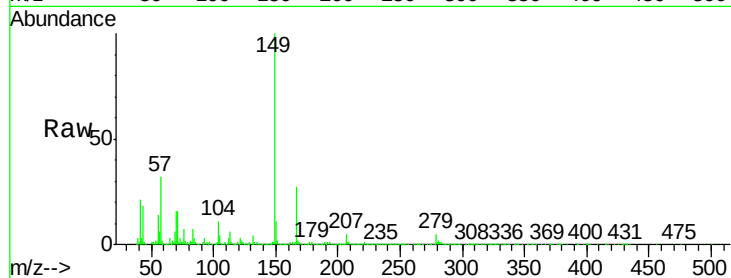
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 43.811 ng/ul
 RT: 21.07 min Scan# 3074
 Delta R.T. -0.00 min
 Lab File: BM014479.D
 Acq: 05 Mar 2018 18:59

Instrument :
 BNA_M
 ClientSampleId :
 BE5W8DL

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.9	22.8	34.2
279	4.5	4.9	7.3#

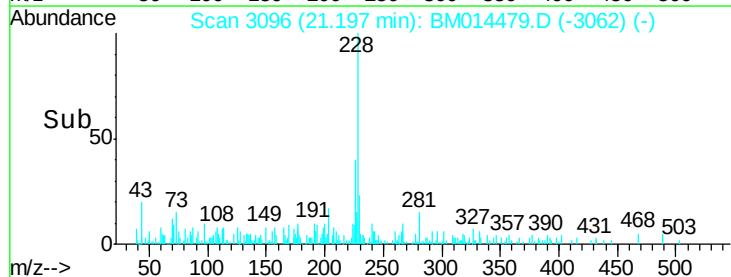
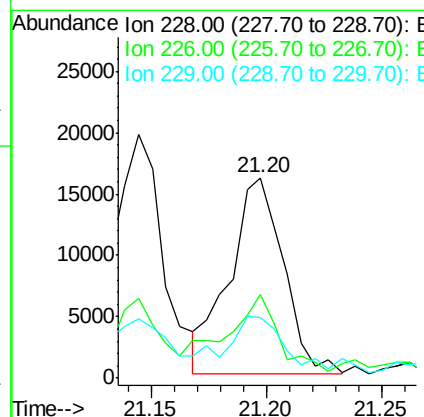
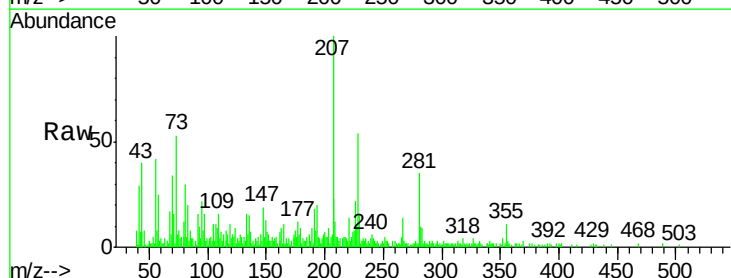
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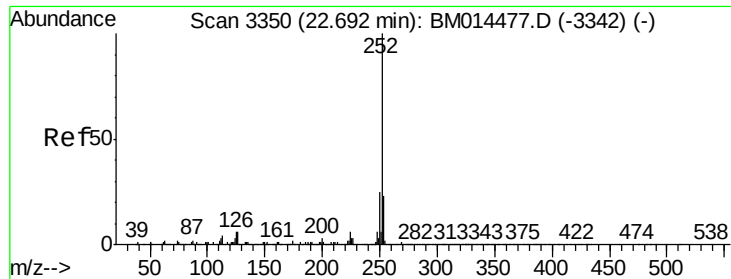
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#82
 Chrysene
 Concen: 1.322 ng/ul
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BM014479.D
 Acq: 05 Mar 2018 18:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	41.7	23.4	35.2#
229	30.2	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 1.336 ng/ul

RT: 22.70 min Scan# 3351

Delta R.T. 0.01 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

Instrument :

BNA_M

ClientSampleId :

BE5W8DL

Tot Ion:	252	Resp:	28106
Ion Ratio	Lower	Upper	
252	100		
253	30.4	17.9	26.9#
125	16.1	3.6	5.4#

Manual Integrations
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