

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014825.D
 Acq On : 25 Apr 2018 00:28
 Operator : SJ/JU
 Sample : J2431-08DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DASN9DL

Manual Integrations
 APPROVED

Sohil
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Quant Time: Apr 25 04:01:32 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 02:07:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	424453	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1868209	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1061486	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2412785	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	2728309	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	2842341	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	4828	0.50	ng/uL	0.01
5) Phenol-d5	7.65	99	82598	2.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	62612	2.98	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	68485	2.49	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	65379	2.50	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	31281	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	27658	2.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	60007	2.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	86729	3.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.51	166	221410	2.67	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	221049	2.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	19633	1.28	ng/ul	0.00
57) Fluorene-d10	16.10	176	202300	2.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	13420	1.03	ng/ul	0.00
70) Anthracene-d10	17.94	188	286164	2.55	ng/ul	0.00
76) Pyrene-d10	20.17	212	342928	2.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.24	264	386717	2.77	ng/ul	-0.01

Target Compounds

					Ovalue
34) 2-Methylnaphthalene	12.99	142	84000	1.329	ng/ul 100
40) 1,1'-Biphenyl	13.97	154	115228	1.350	ng/ul# 98
49) Acenaphthene	15.19	153	725304	10.296	ng/ul 99
53) Dibenzofuran	15.52	168	1131841	11.570	ng/ul 100
58) Fluorene	16.16	166	2076518	26.288	ng/ul 99
69) Phenanthrene	17.89	178	13763300m	106.217	ng/ul
71) Anthracene	17.97	178	2027004	15.414	ng/ul 98
74) Fluoranthene	19.84	202	7979165	56.481	ng/ul# 81
77) Pyrene	20.20	202	5506212	34.541	ng/ul# 81
80) Benzo(a)anthracene	21.91	228	1774627	11.123	ng/ul 98
81) Bis(2-ethylhexyl)phthalate	21.79	149	657670	6.889	ng/ul# 96
82) Chrysene	21.96	228	1418024	9.494	ng/ul 97
85) Benzo(b)fluoranthene	23.65	252	1009327	6.024	ng/ul# 96
86) Benzo(k)fluoranthene	23.70	252	424667m	2.636	ng/ul
88) Benzo(a)pyrene	24.30	252	671906	4.227	ng/ul# 95

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

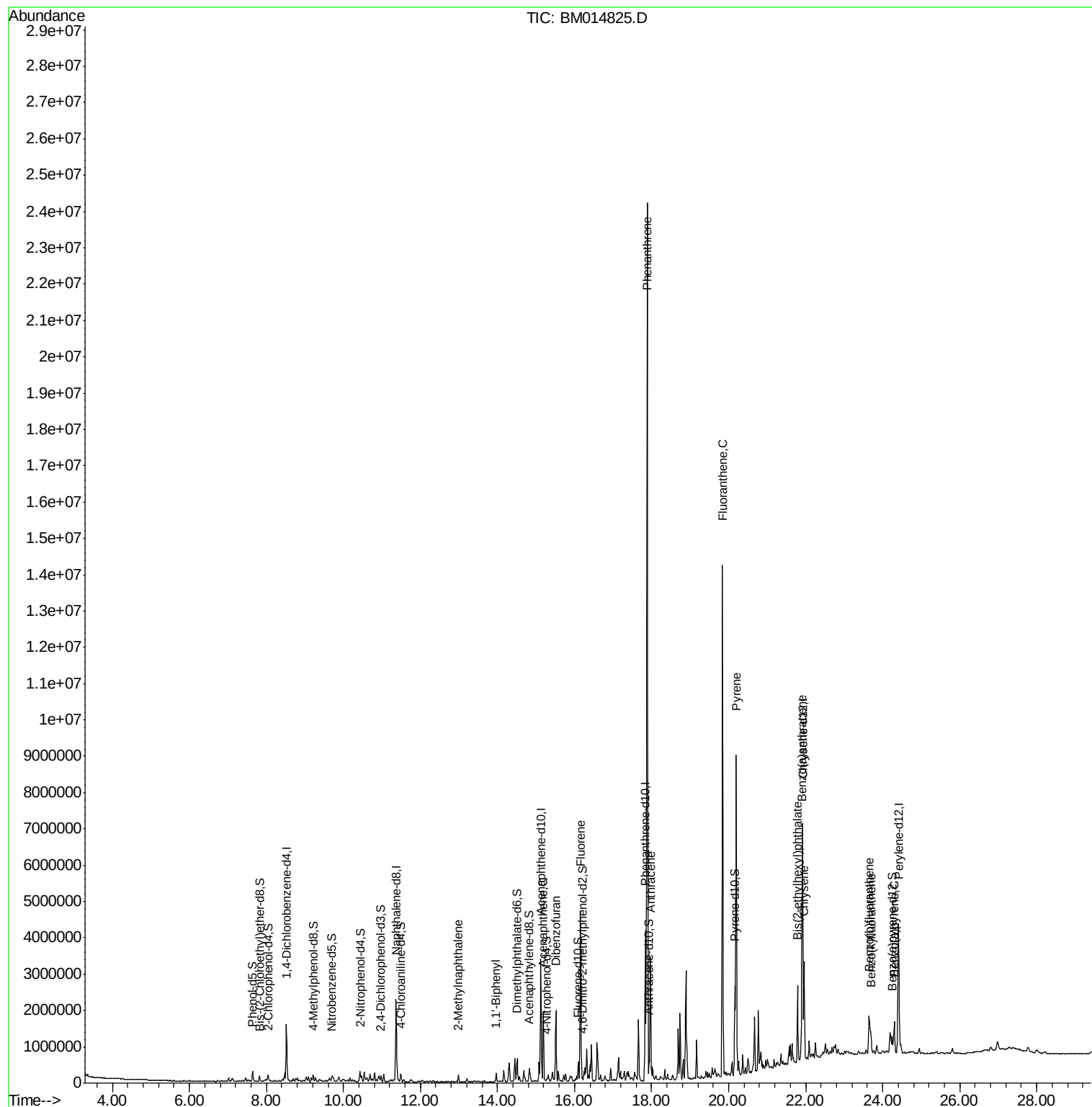
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014825.D
Acq On : 25 Apr 2018 00:28
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

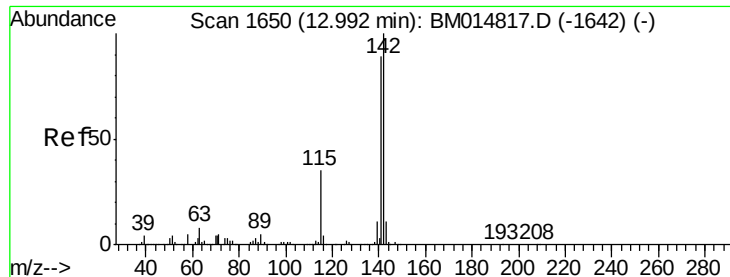
Instrument :
BNA_M
ClientSampleId :
DASN9DL

Quant Time: Apr 25 04:01:32 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
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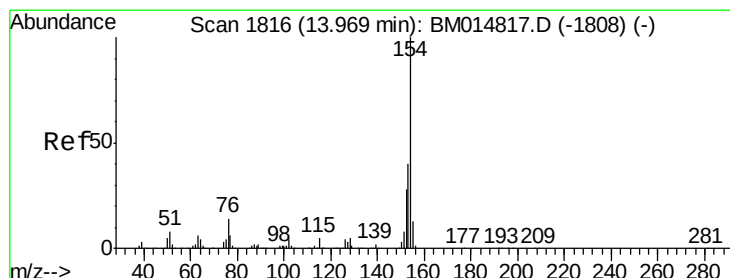
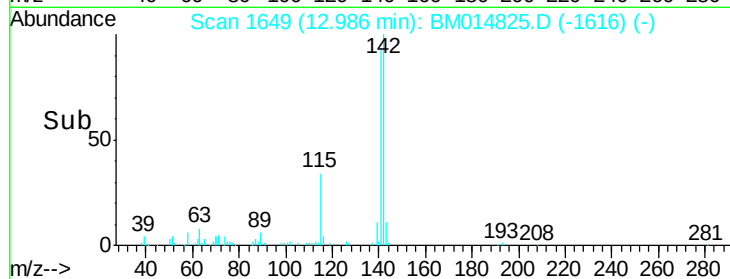
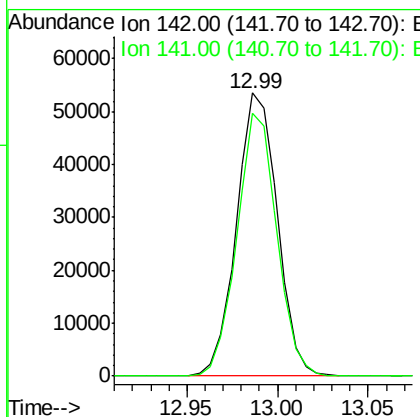
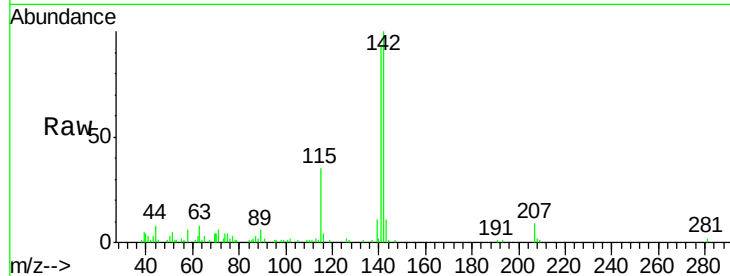
#34
 2-Methylnaphthalene
 Concen: 1.329 ng/ul
 RT: 12.99 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM014825.D
 Acq: 25 Apr 2018 00:28

Instrument :
 BNA_M
 ClientSampleId :
 DASN9DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		84000		
141	93.1	74.1	111.1		

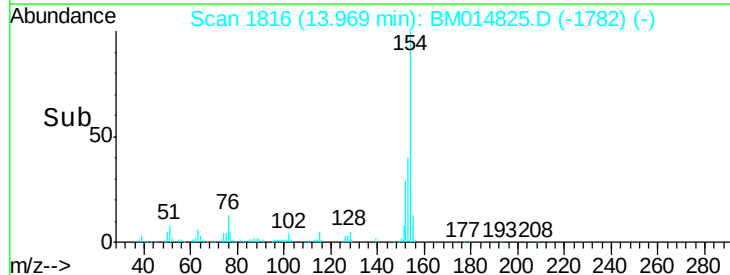
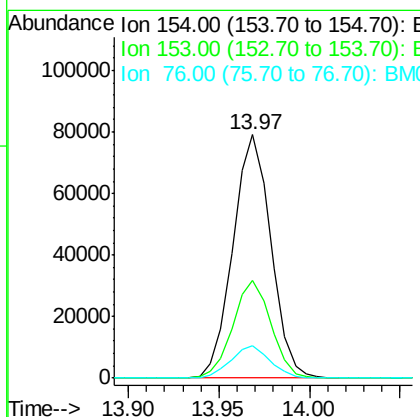
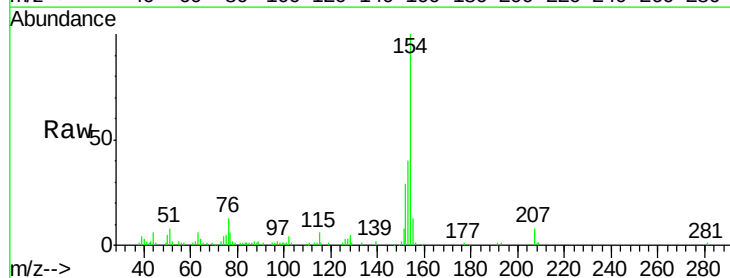
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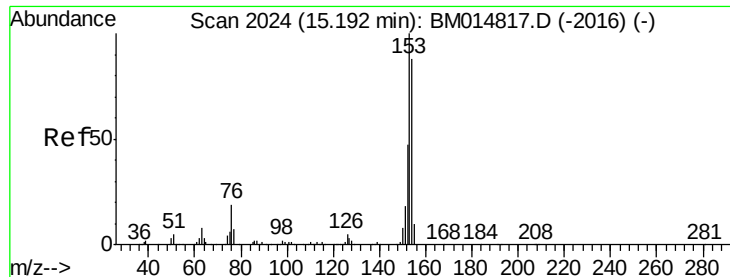
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#40
 1,1'-Biphenyl
 Concen: 1.350 ng/ul
 RT: 13.97 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BM014825.D
 Acq: 25 Apr 2018 00:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		115228		
153	40.1	32.6	48.8		
76	13.2	8.5	12.7		





#49

Acenaphthene

Concen: 10.296 ng/ul

RT: 15.19 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BM014825.D

Acq: 25 Apr 2018 00:28

Instrument :

BNA_M

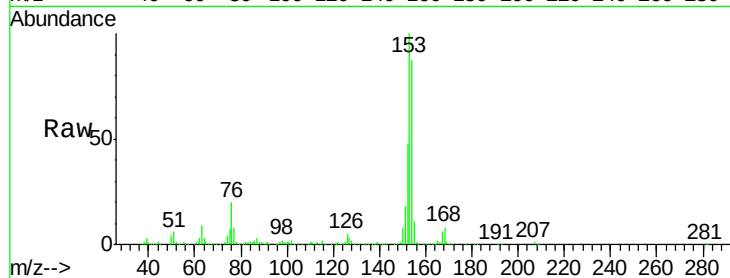
ClientSampleId :

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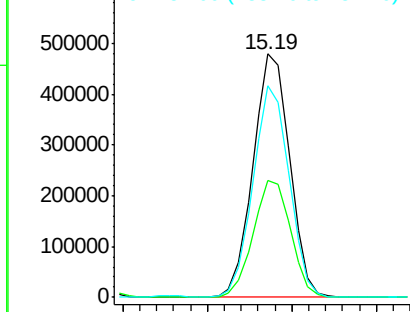
Tot Ion:	153	Resp:	725304
Ion Ratio	Lower	Upper	
153	100		
152	48.2	37.6	56.4
154	87.0	70.4	105.6

Manual Integrations
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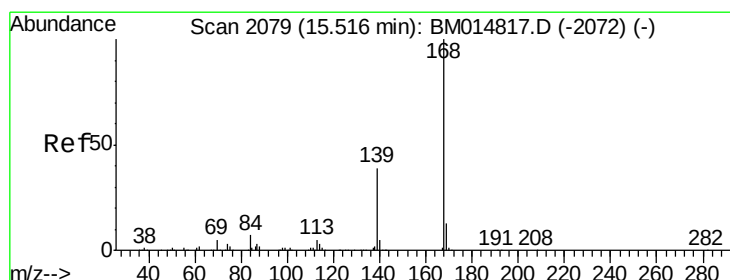
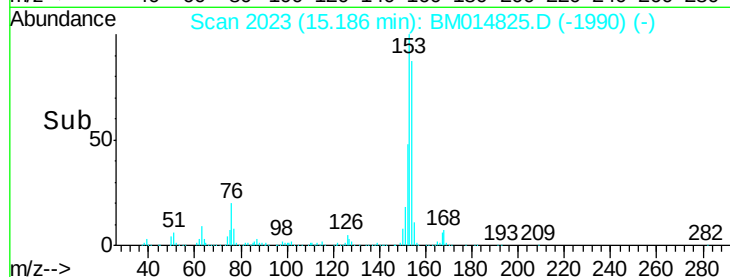
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->



#53

Dibenzofuran

Concen: 11.570 ng/ul

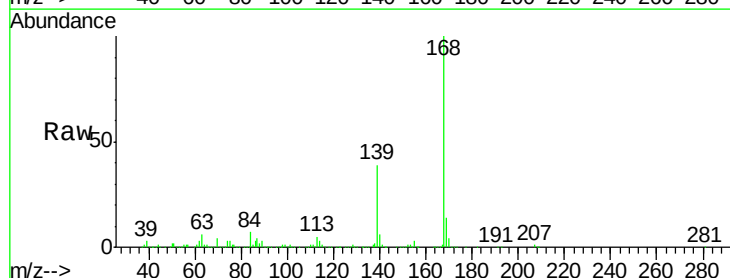
RT: 15.52 min Scan# 2079

Delta R.T. -0.00 min

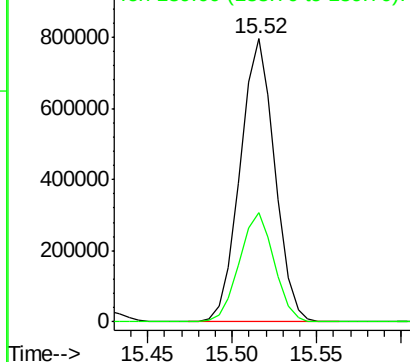
Lab File: BM014825.D

Acq: 25 Apr 2018 00:28

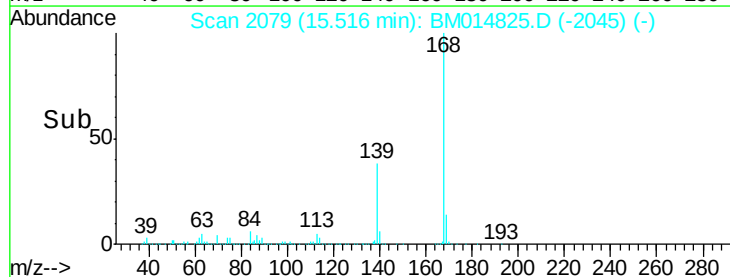
Tgt Ion:	168	Resp:	1131841
Ion Ratio	Lower	Upper	
168	100		
139	38.6	30.8	46.2

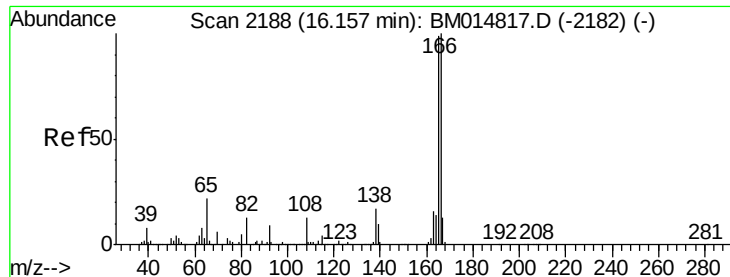


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->





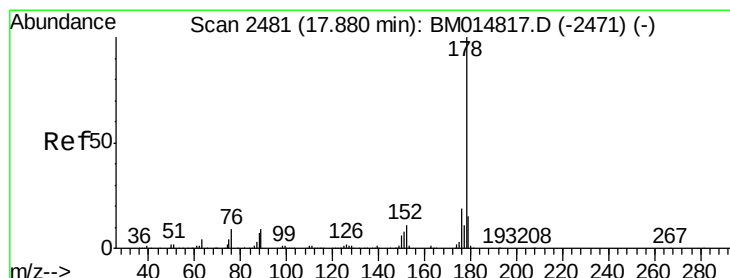
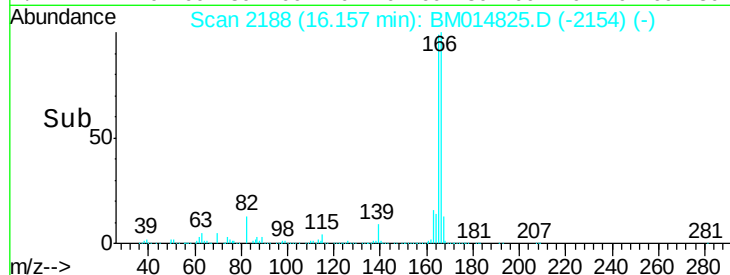
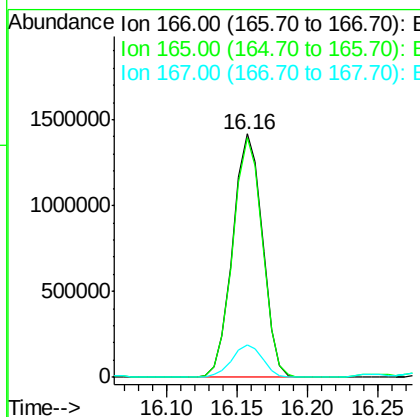
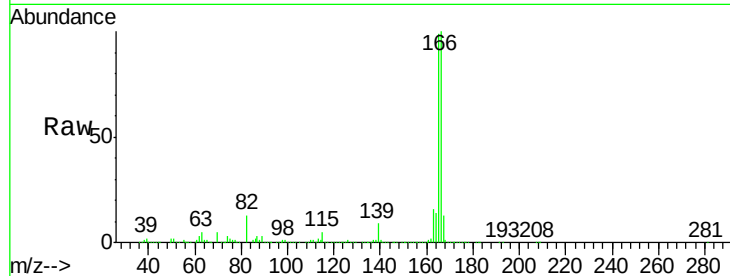
#58
 Fluorene
 Concen: 26.288 ng/ul
 RT: 16.16 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BM014825.D
 Acq: 25 Apr 2018 00:28

Instrument :
 BNA_M
 ClientSampleId :
 DASN9DL

Tot Ion:166 Resp: 2076518
 Ion Ratio Lower Upper
 166 100
 165 98.7 77.9 116.9
 167 13.5 10.6 16.0

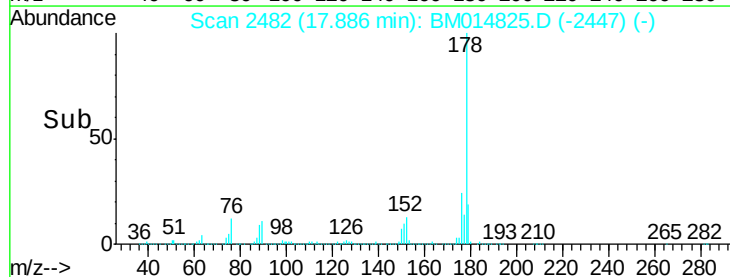
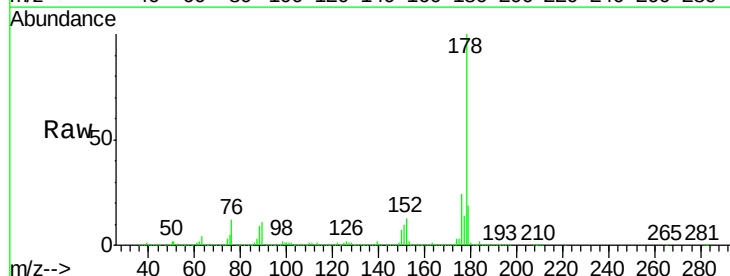
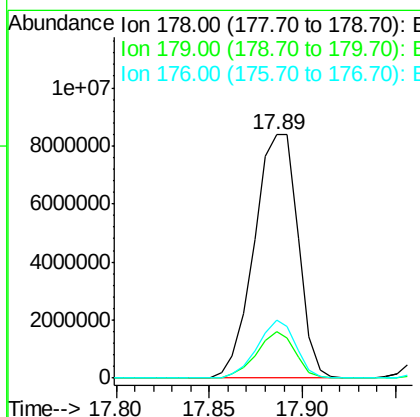
Manual Integrations
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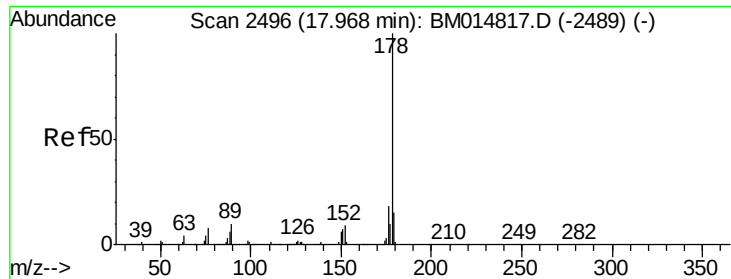
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#69
 Phenanthrene
 Concen: 106.217 ng/ul m
 RT: 17.89 min Scan# 2482
 Delta R.T. 0.01 min
 Lab File: BM014825.D
 Acq: 25 Apr 2018 00:28

Tgt Ion:178 Resp:13763300
 Ion Ratio Lower Upper
 178 100
 179 19.1 12.6 19.0#
 176 23.8 14.9 22.3#





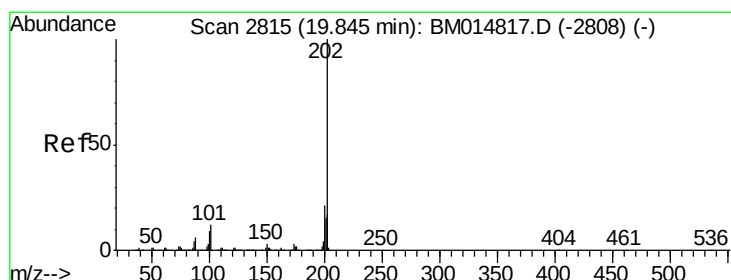
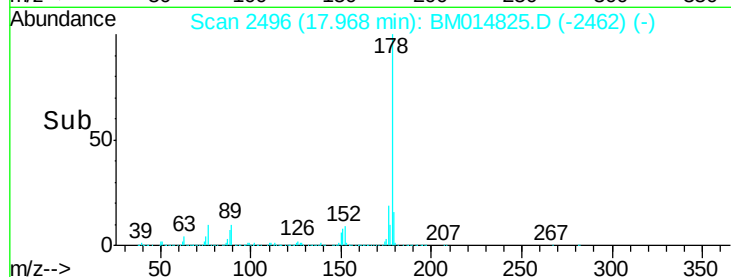
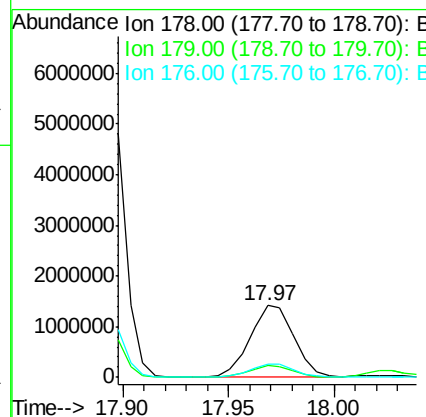
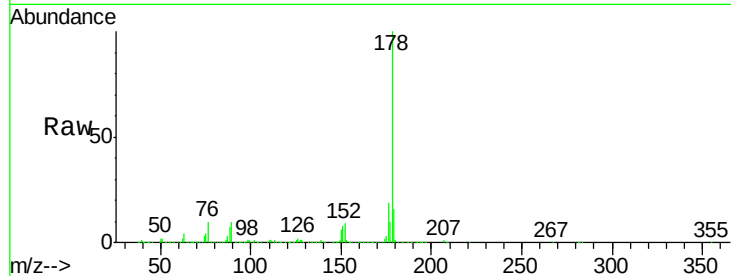
#71
 Anthracene
 Concen: 15.414 ng/ul
 RT: 17.97 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BM014825.D
 Acq: 25 Apr 2018 00:28

Instrument :
 BNA_M
 ClientSampleId :
 DASN9DL

Tot Ion:178 Resp: 2027004
 Ion Ratio Lower Upper
 178 100
 179 15.8 11.7 17.5
 176 18.8 14.6 21.8

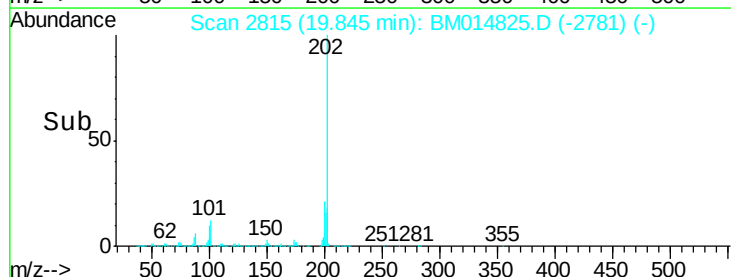
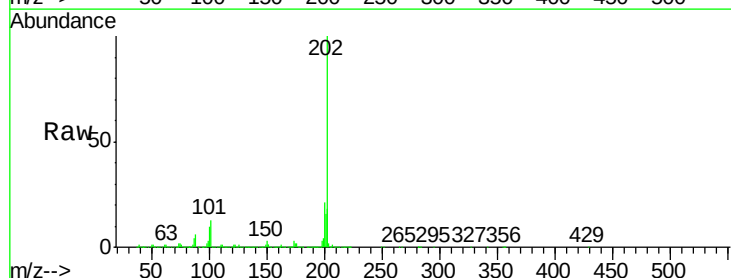
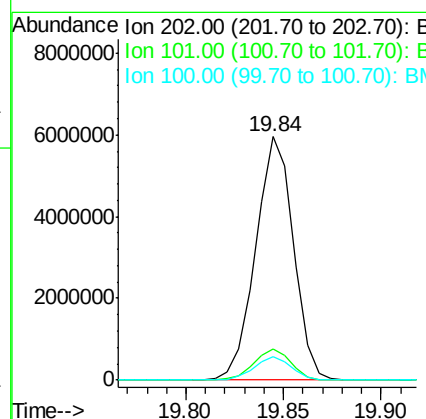
Manual Integrations
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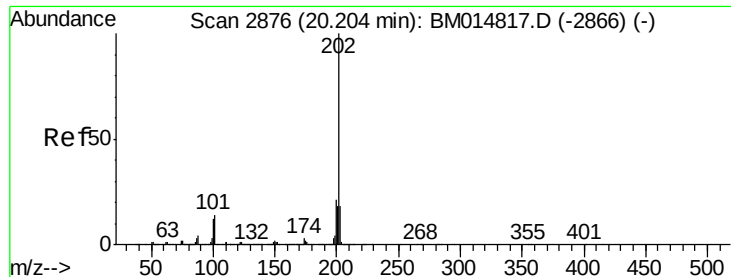
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#74
 Fluoranthene
 Concen: 56.481 ng/ul
 RT: 19.84 min Scan# 2815
 Delta R.T. -0.00 min
 Lab File: BM014825.D
 Acq: 25 Apr 2018 00:28

Tgt Ion:202 Resp: 7979165
 Ion Ratio Lower Upper
 202 100
 101 12.6 4.6 7.0#
 100 9.7 3.4 5.2#





#77

Pvrene

Concen: 34.541 ng/ul

RT: 20.20 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BM014825.D

Acq: 25 Apr 2018 00:28

Instrument :

BNA_M

ClientSampleId :

DASN9DL

Tot Ion:202 Resp: 5506212

Ion Ratio Lower Upper

202 100

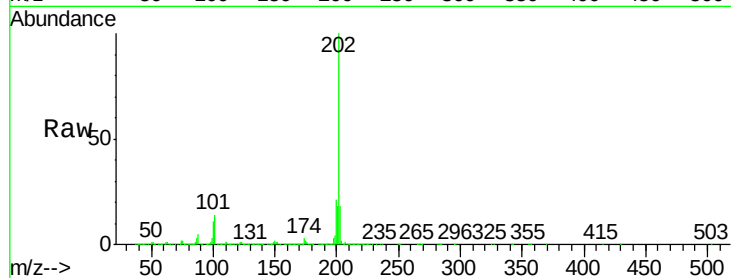
101 13.8 5.1 7.7#

100 11.3 4.9 7.3#

Manual Integrations
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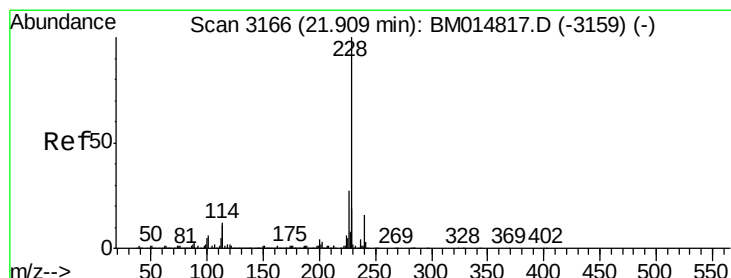
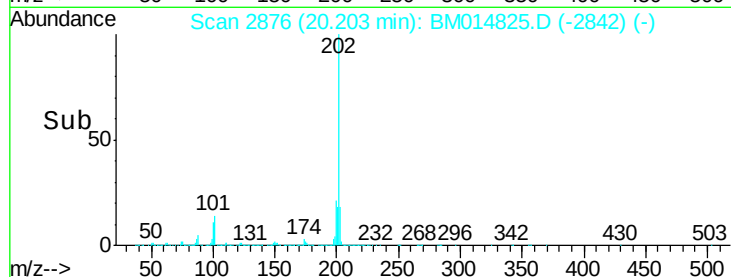
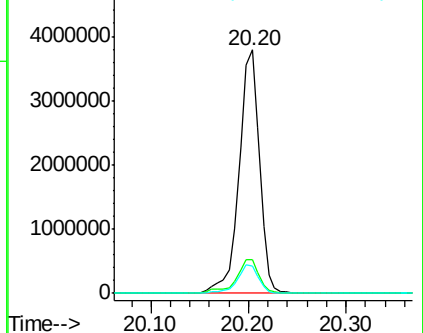
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 11.123 ng/ul

RT: 21.91 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM014825.D

Acq: 25 Apr 2018 00:28

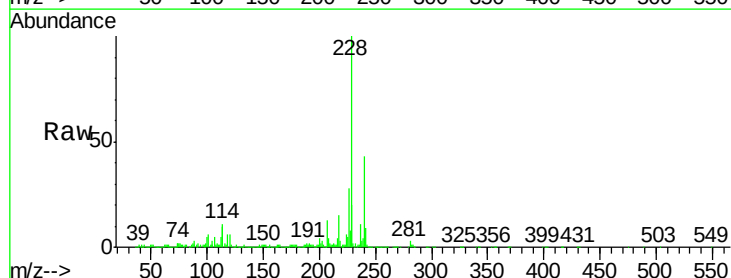
Tgt Ion:228 Resp: 1774627

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

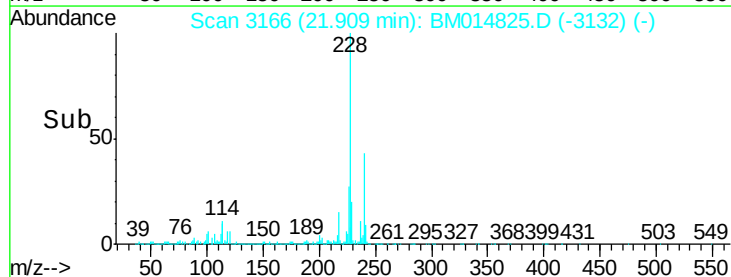
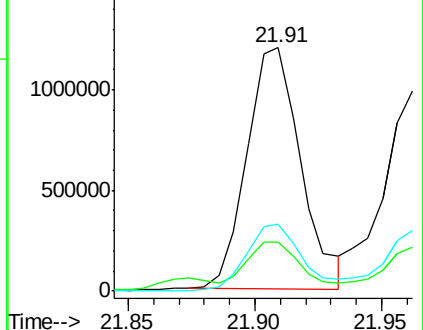
226 27.5 21.4 32.0

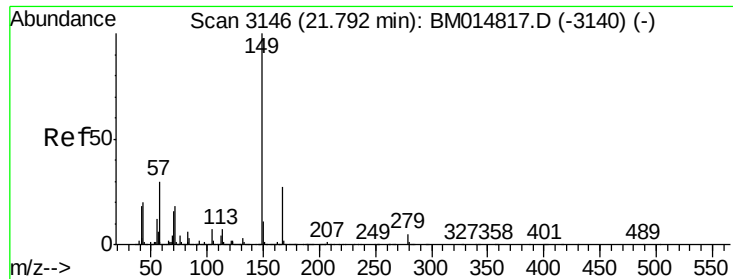


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





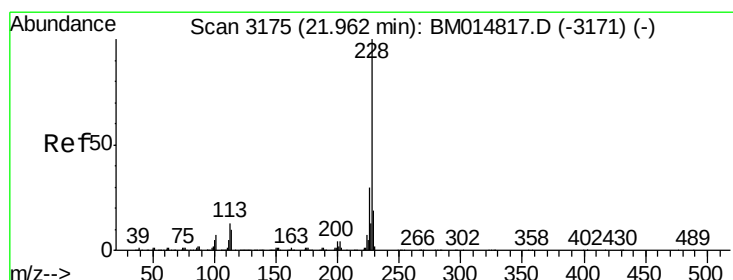
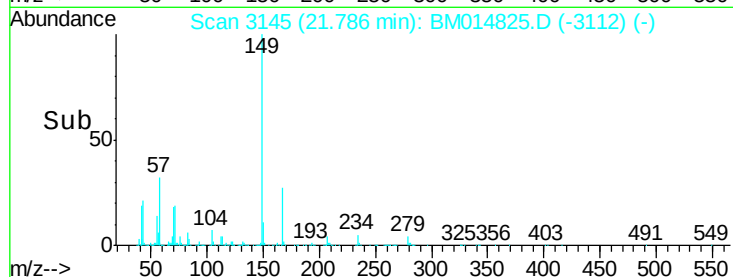
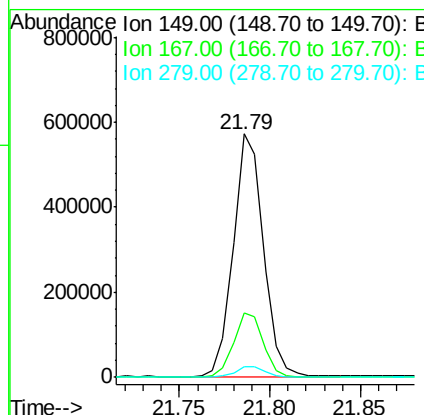
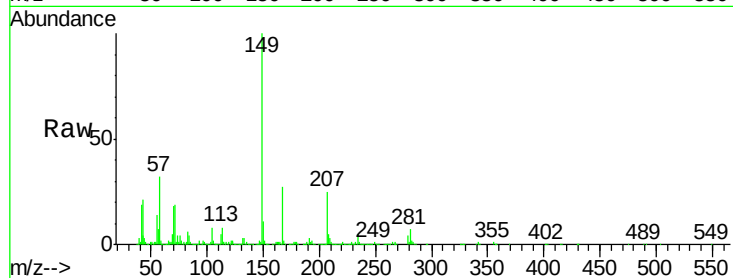
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 6.889 ng/ul
 RT: 21.79 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BM014825.D
 Acq: 25 Apr 2018 00:28

Instrument :
 BNA_M
 ClientSampleId :
 DASN9DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.8	34.2
279	4.2	4.9	7.3

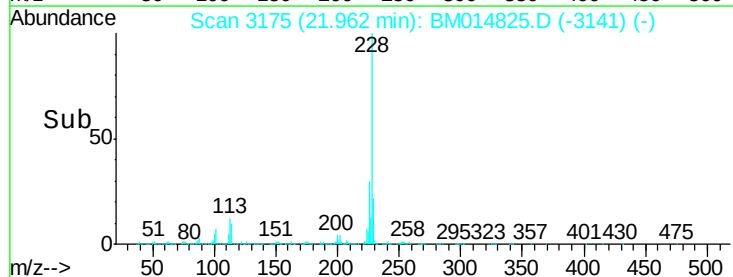
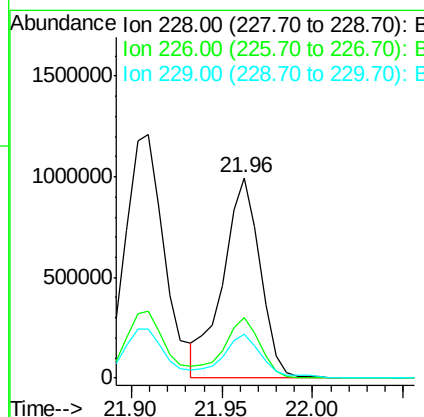
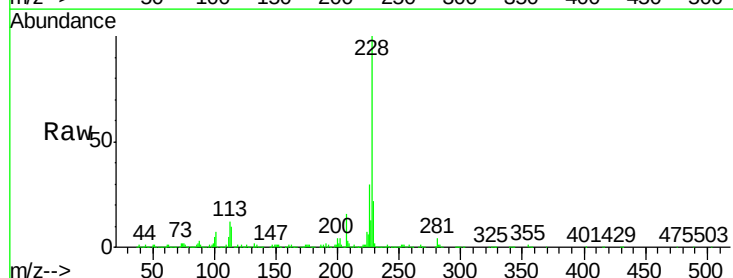
Manual Integrations
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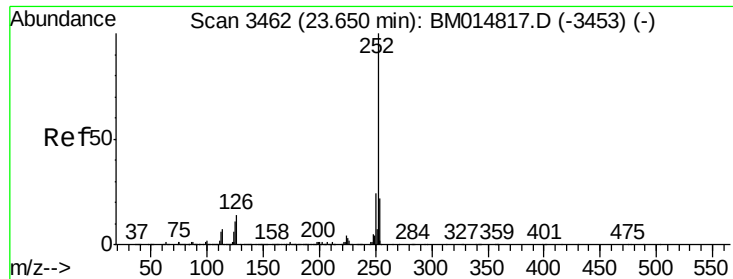
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#82
 Chrysene
 Concen: 9.494 ng/ul
 RT: 21.96 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BM014825.D
 Acq: 25 Apr 2018 00:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.3	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 6.024 ng/ul

RT: 23.65 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM014825.D

Acq: 25 Apr 2018 00:28

Instrument :

BNA_M

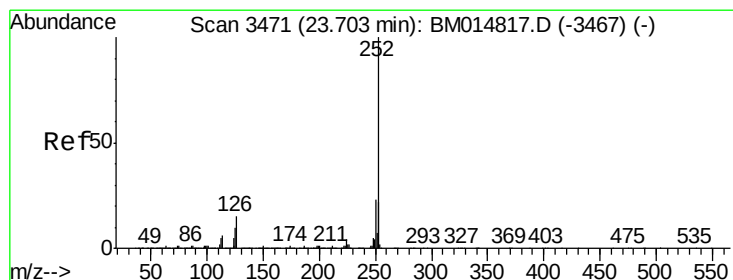
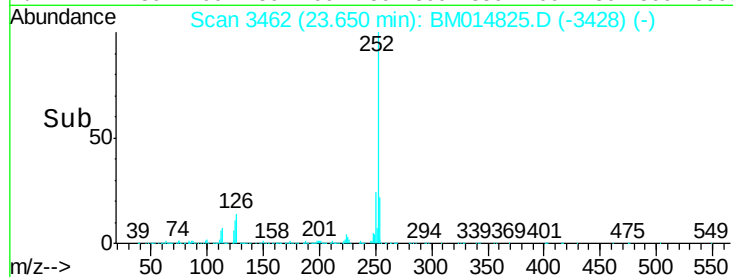
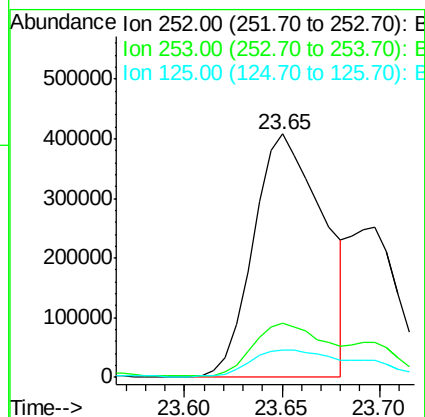
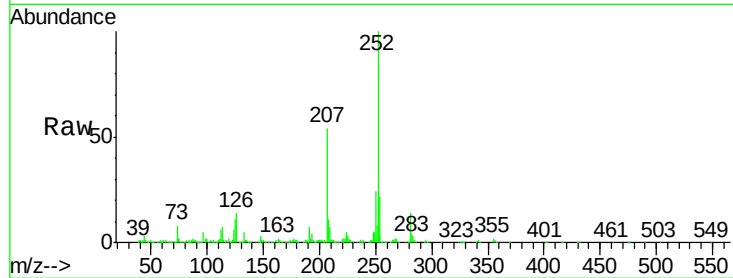
ClientSampleId :

DASN9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.3	3.6	5.4

Manual Integrations
APPROVED

Sohil
4/25/2018 4:31:14 PM



#86

Benzo(k)fluoranthene

Concen: 2.636 ng/ul m

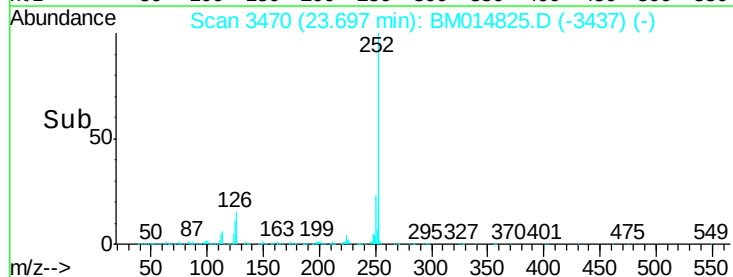
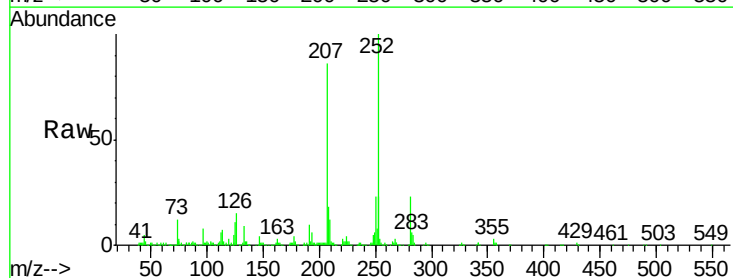
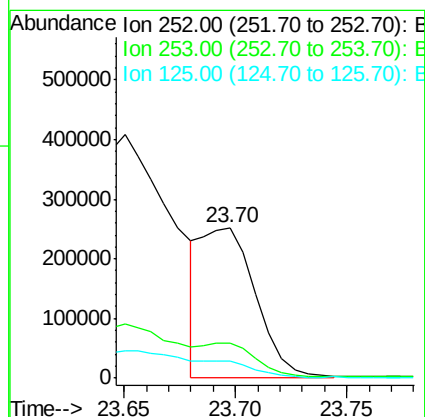
RT: 23.70 min Scan# 3470

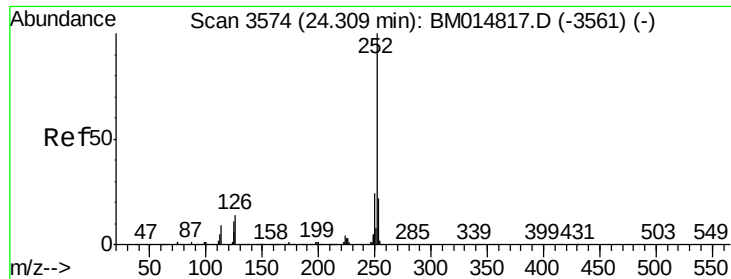
Delta R.T. -0.01 min

Lab File: BM014825.D

Acq: 25 Apr 2018 00:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	11.2	3.4	5.2





#88

Benzo(a)pyrene

Concen: 4.227 ng/ul

RT: 24.30 min Scan# 3573

Delta R.T. -0.01 min

Lab File: BM014825.D

Acq: 25 Apr 2018 00:28

Instrument :

BNA_M

ClientSampleId :

DASN9DL

Tot Ion:	252	Resp:	671906
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	11.6	4.0	6.0

Manual Integrations
APPROVED

Sohil
4/25/2018 4:31:14 PM

