

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023749.D
 Acq On : 15 Nov 2019 11:24
 Operator : JU
 Sample : K5700-15DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEGY7DL

Manual Integrations
 APPROVED

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Quant Time: Nov 15 15:18:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 07:53:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	364089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1465337	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	917764	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1962367	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1996763	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2346012	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.72	99	12569	0.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	43234	2.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	41099	1.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	25166	0.95	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	27985	2.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	26484	2.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	52849	2.10	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.60	166	198741	2.78	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	207996	2.55	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.18	176	175389	2.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	13678	1.20	ng/ul	0.00
71) Anthracene-d10	17.03	188	273223	2.94	ng/ul	0.00
79) Pyrene-d10	19.33	212	307051	2.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	349202	2.83	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.35	128	20073321m	260.630	ng/ul
34) 2-Methylnaphthalene	11.97	142	1089288	18.489	ng/ul 99
41) 1,1'-Biphenyl	13.01	154	626039	8.843	ng/ul 99
50) Acenaphthene	14.25	153	1538881	26.372	ng/ul 99
54) Dibenzofuran	14.59	168	1845264	21.362	ng/ul 100
59) Fluorene	15.24	166	1080777	15.422	ng/ul 100
70) Phenanthrene	16.97	178	1894920	17.531	ng/ul 100
72) Anthracene	17.07	178	139538	1.284	ng/ul 99
75) Carbazole	17.34	167	1719884	18.983	ng/ul 100
77) Fluoranthene	19.00	202	202056	1.745	ng/ul 96

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

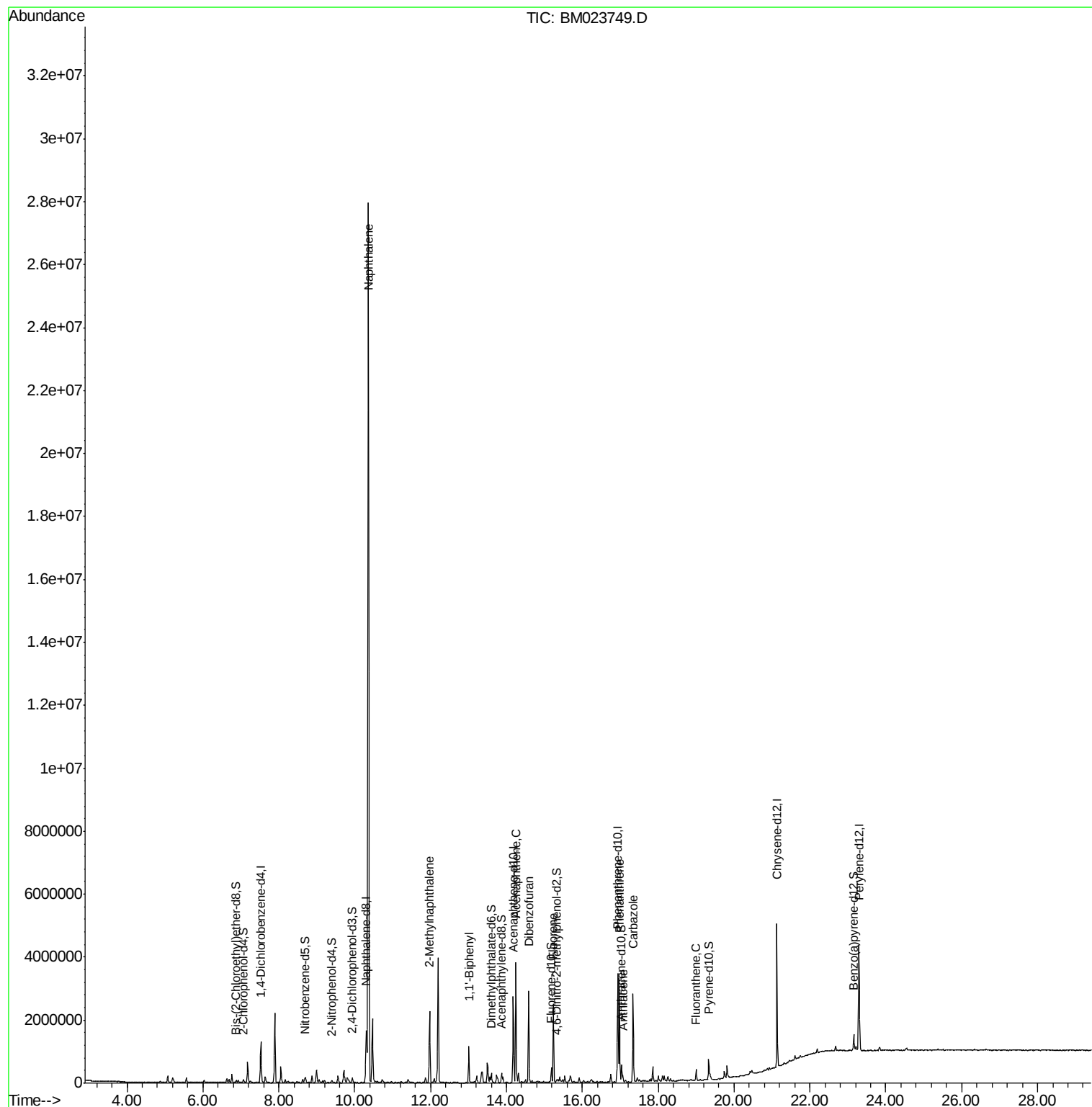
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023749.D
Acq On : 15 Nov 2019 11:24
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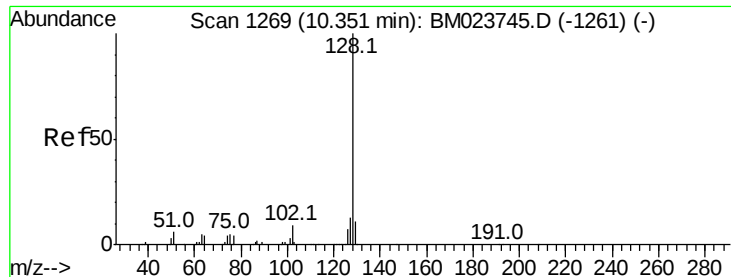
Instrument :
BNA_M
ClientSampleId :
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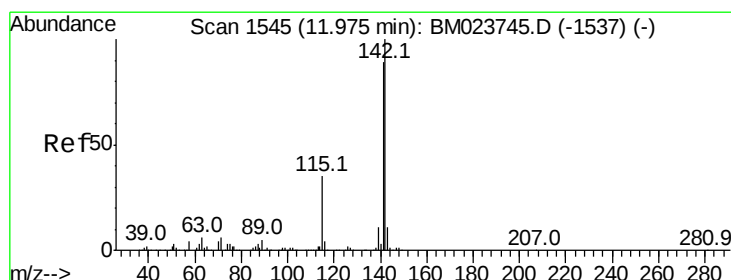
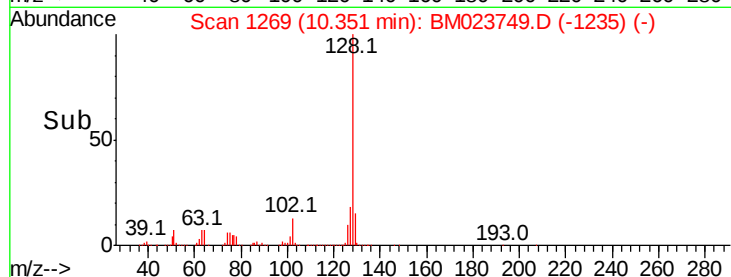
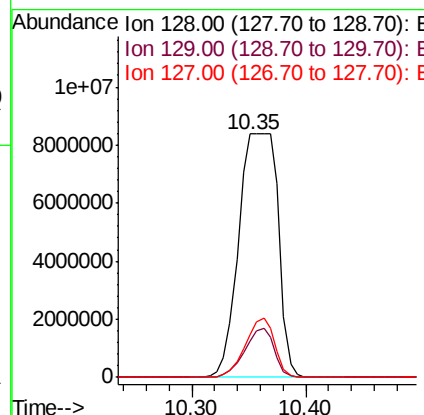
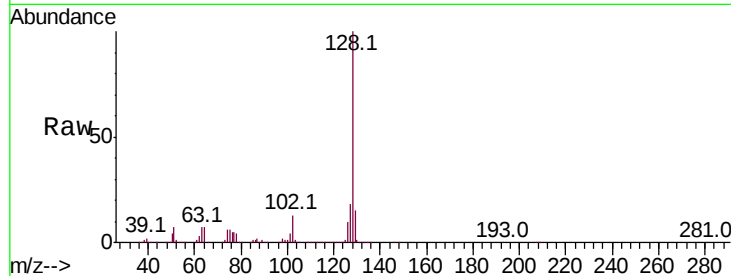
#28
Naphthalene
Concen: 260.630 ng/ul m
RT: 10.35 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM023749.D
Acq: 15 Nov 2019 11:24

Instrument :
BNA_M
ClientSampleId :
BEGY7DL

Tot Ion:128 Resp:20073321
Ion Ratio Lower Upper
128 100
129 15.0 8.7 13.1#
127 17.6 10.6 16.0#

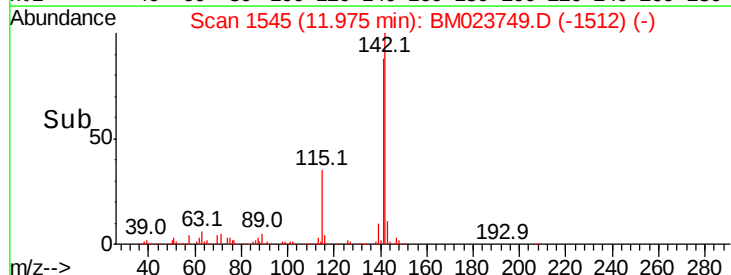
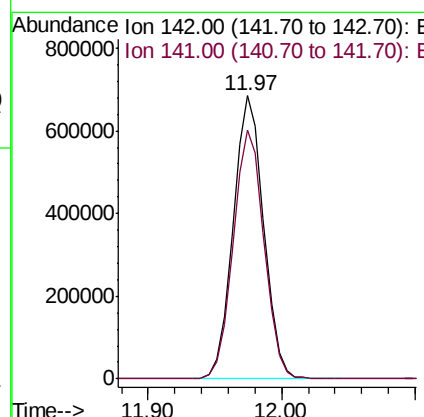
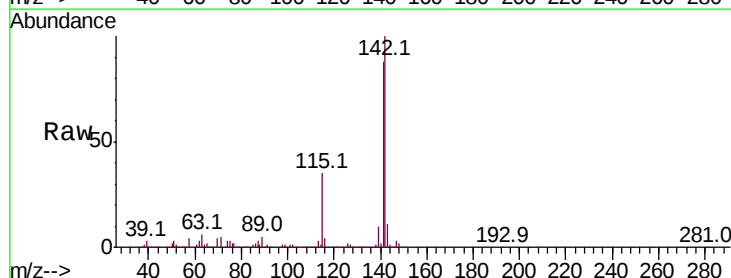
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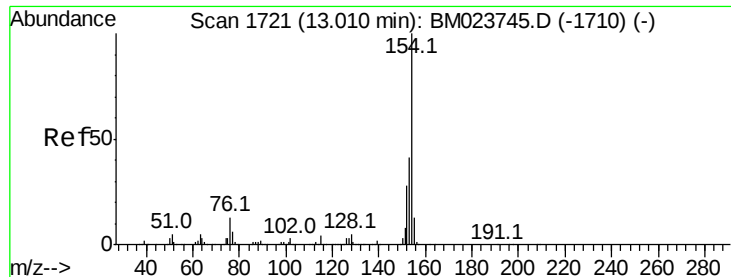
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#34
2-Methylnaphthalene
Concen: 18.489 ng/ul
RT: 11.97 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BM023749.D
Acq: 15 Nov 2019 11:24

Tgt Ion:142 Resp: 1089288
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.8





#41

1,1'-Biphenyl

Concen: 8.843 ng/ul

RT: 13.01 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BM023749.D

Acq: 15 Nov 2019 11:24

Instrument :

BNA_M

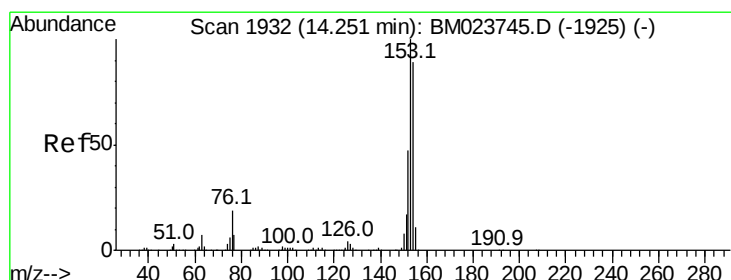
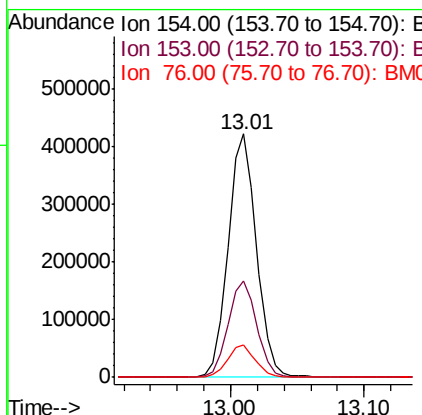
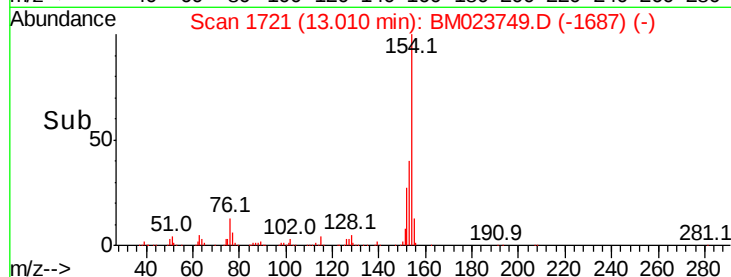
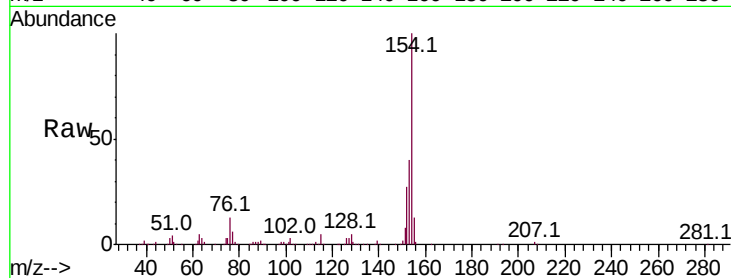
ClientSampleID :

BEGY7DL

Tot Ion:	154	Resp:	626039
Ion Ratio	Lower	Upper	
154	100		
153	39.7	32.3	48.5
76	13.2	10.6	15.8

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#50

Acenaphthene

Concen: 26.372 ng/ul

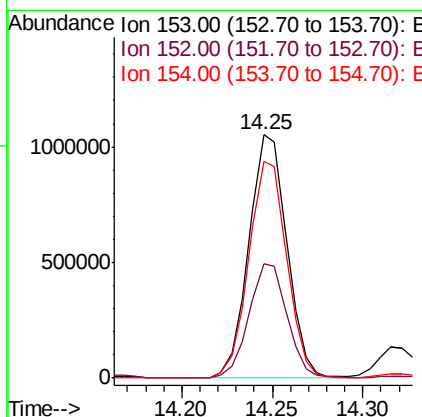
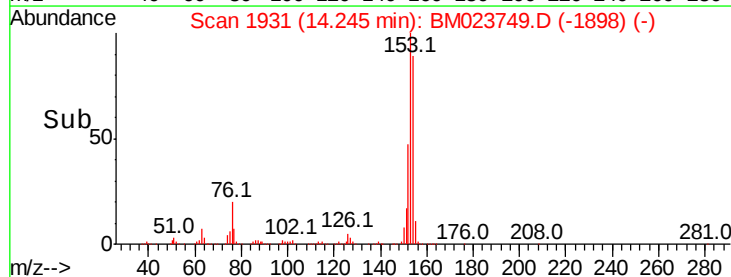
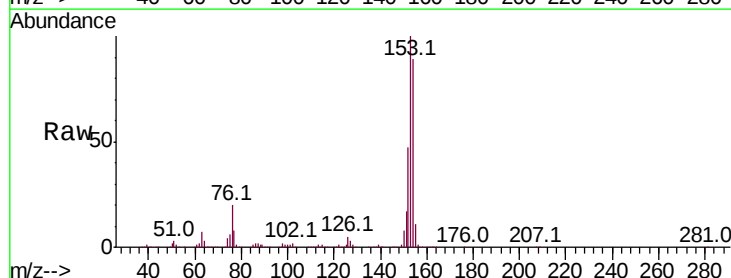
RT: 14.25 min Scan# 1931

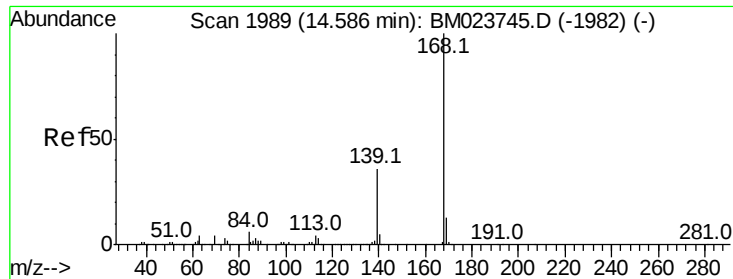
Delta R.T. -0.01 min

Lab File: BM023749.D

Acq: 15 Nov 2019 11:24

Tgt Ion:	153	Resp:	1538881
Ion Ratio	Lower	Upper	
153	100		
152	46.7	37.7	56.5
154	89.1	70.6	106.0





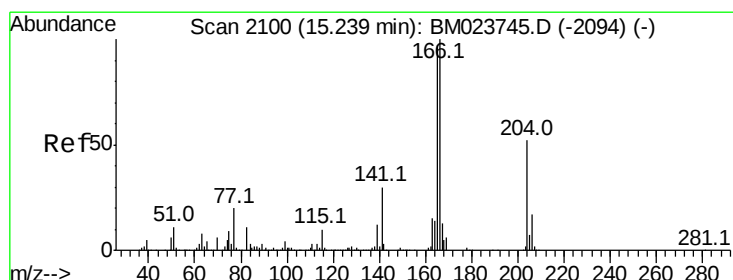
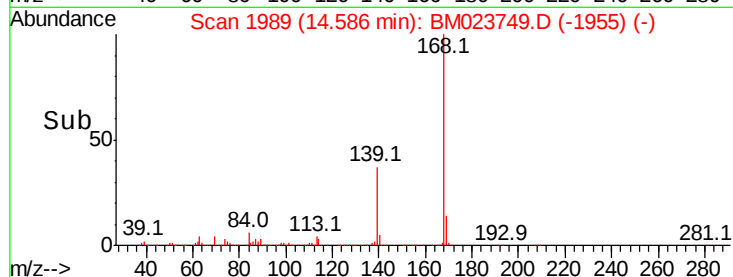
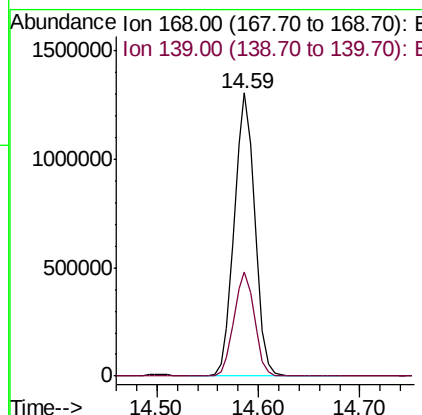
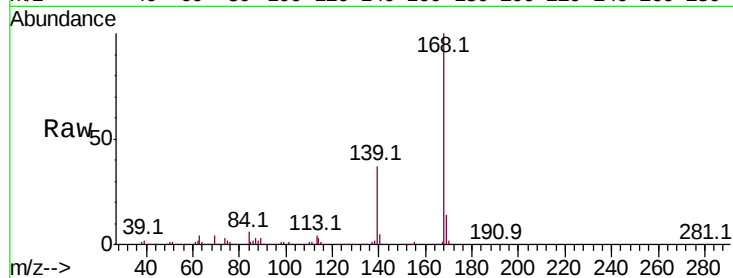
#54
Dibenzofuran
Concen: 21.362 ng/ul
RT: 14.59 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BM023749.D
Acq: 15 Nov 2019 11:24

Instrument :
BNA_M
ClientSampleID :
BEGY7DL

Tot Ion:168 Resp: 1845264
Ion Ratio Lower Upper
168 100
139 36.7 29.3 43.9

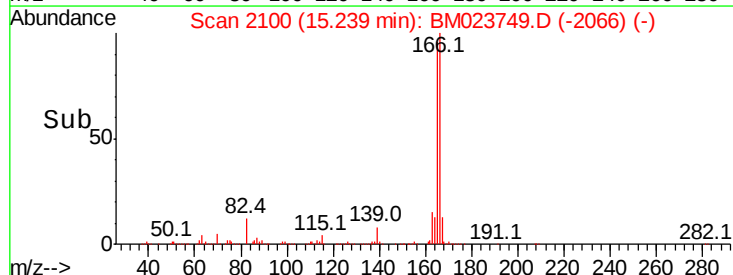
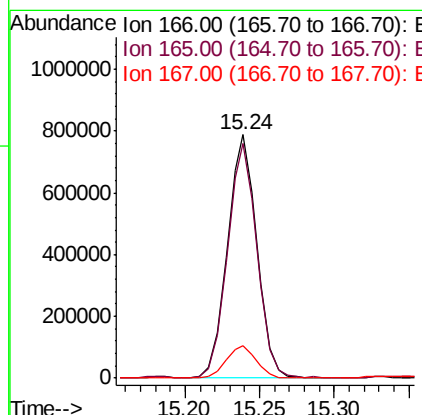
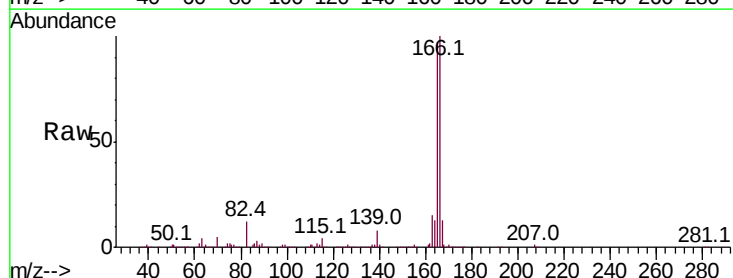
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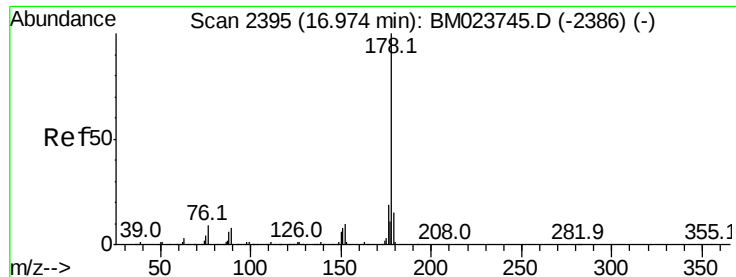
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#59
Fluorene
Concen: 15.422 ng/ul
RT: 15.24 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM023749.D
Acq: 15 Nov 2019 11:24

Tgt Ion:166 Resp: 1080777
Ion Ratio Lower Upper
166 100
165 96.5 77.2 115.8
167 13.2 10.9 16.3





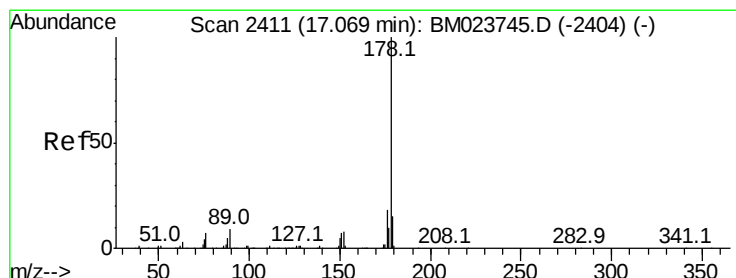
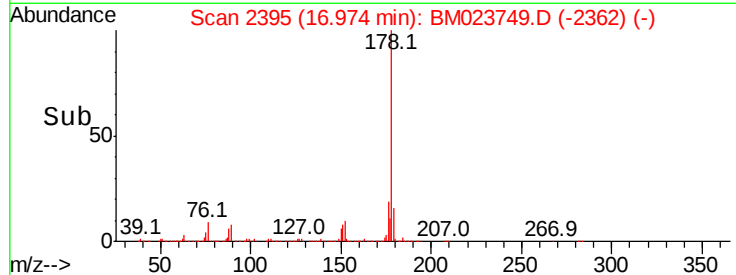
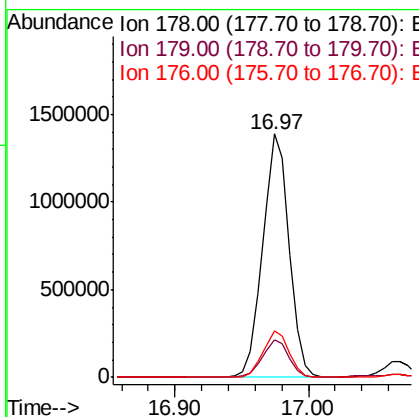
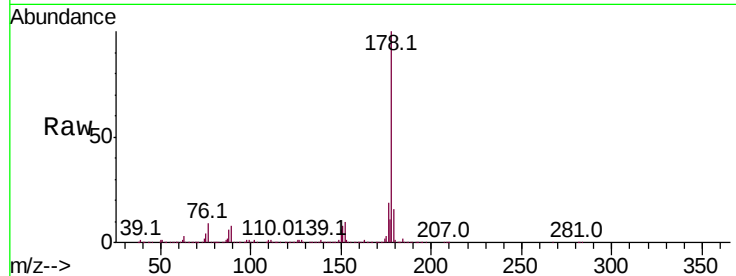
#70
Phenanthrene
Concen: 17.531 ng/ul
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM023749.D
Acq: 15 Nov 2019 11:24

Instrument :
BNA_M
ClientSampleId :
BEGY7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.9	15.0	22.6

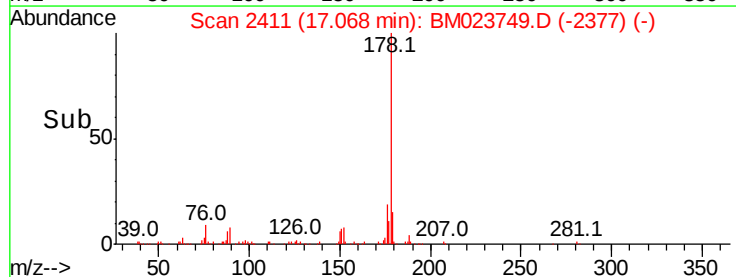
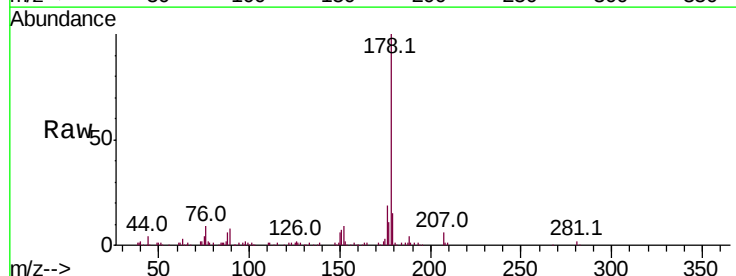
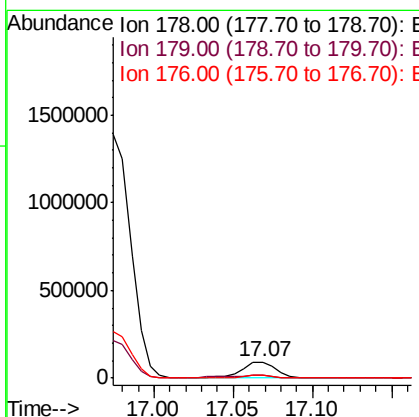
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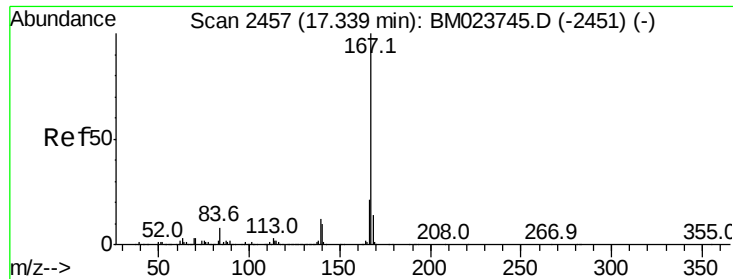
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#72
Anthracene
Concen: 1.284 ng/ul
RT: 17.07 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM023749.D
Acq: 15 Nov 2019 11:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.1	14.7	22.1





#75

Carbazole

Concen: 18.983 ng/ul

RT: 17.34 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM023749.D

Acq: 15 Nov 2019 11:24

Instrument :

BNA_M

ClientSampleId :

BEGY7DL

Tot Ion:167 Resp: 1719884

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

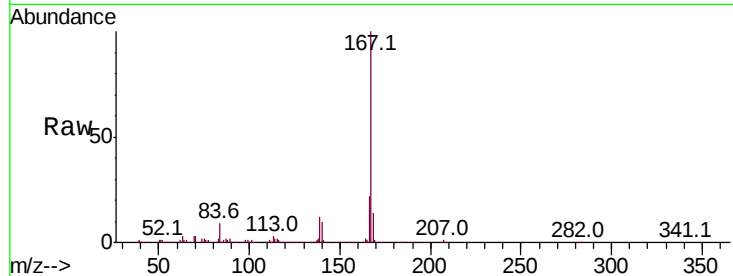
139 12.3 9.8 14.6

Manual Integrations

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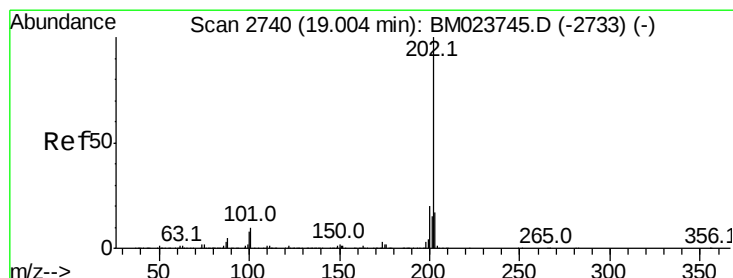
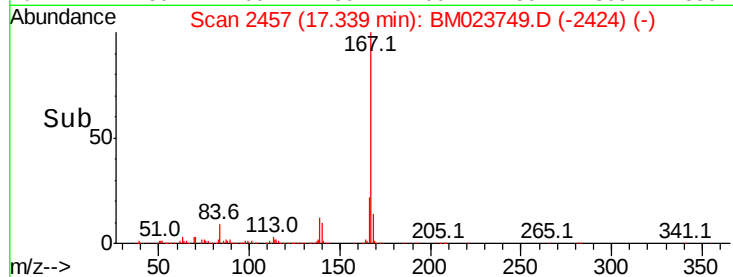
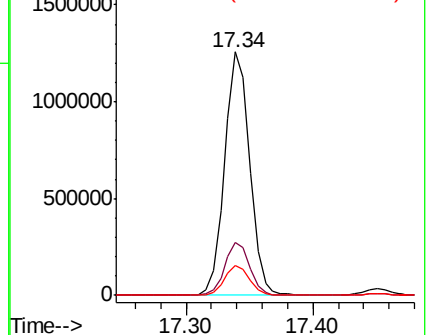
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 1.745 ng/ul

RT: 19.00 min Scan# 2739

Delta R.T. -0.01 min

Lab File: BM023749.D

Acq: 15 Nov 2019 11:24

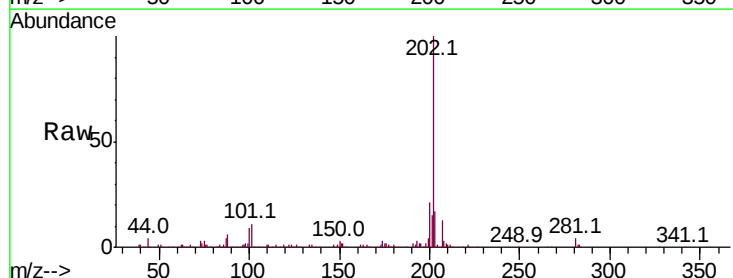
Tgt Ion:202 Resp: 202056

Ion Ratio Lower Upper

202 100

101 11.4 7.7 11.5

100 8.9 6.0 9.0



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

