

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009907.D
 Acq On : 25 Feb 2020 18:42
 Operator : CG/JU
 Sample : L1568-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDA6

Quant Time: Feb 26 07:41:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:04:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	80970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	334976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	204466	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	446678	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	451239	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	441079	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	16772	8.52	ng/uL	0.00
5) Phenol-d5	6.59	99	333691	48.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	241629	50.84	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	267053	51.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	280054	51.12	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	127927	52.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	148121	55.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	262013	50.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	312768	54.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	822133	53.83	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	988576	54.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	120852	43.33	ng/ul	0.00
58) Fluorene-d10	15.03	176	713336	54.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	113931	41.06	ng/ul	0.00
71) Anthracene-d10	16.88	188	1102983	53.87	ng/ul	0.00
79) Pyrene-d10	19.19	212	1210995	51.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1239951	56.29	ng/ul	0.00

Target Compounds

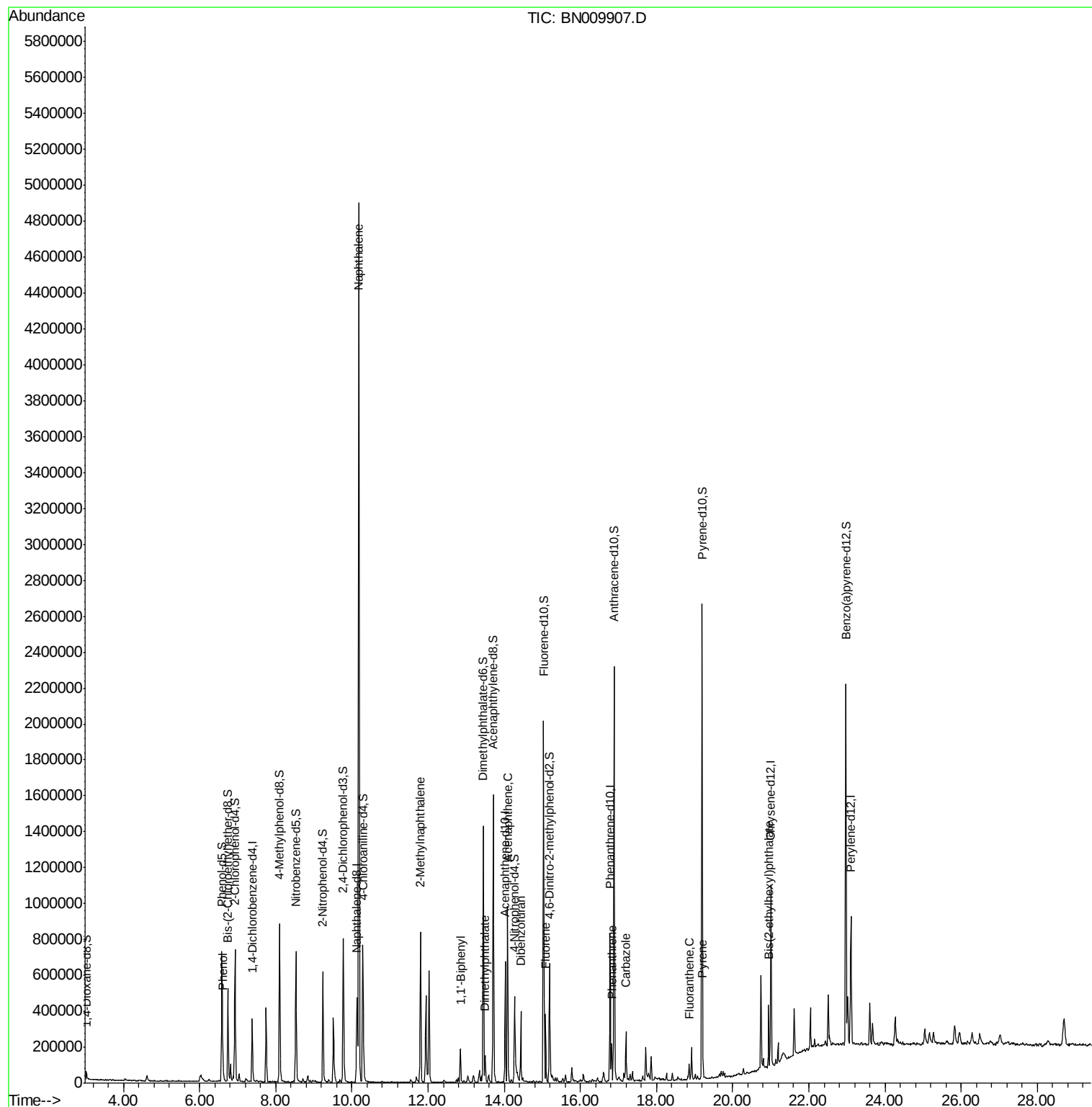
					Ovalue	
6) Phenol	6.61	94	15442	2.092	ng/ul#	73
28) Naphthalene	10.18	128	3354895	185.726	ng/ul	100
34) 2-Methylnaphthalene	11.80	142	363880	29.011	ng/ul	98
41) 1,1'-Biphenyl	12.85	154	94732	6.032	ng/ul	100
45) Dimethylphthalate	13.50	163	81303	5.102	ng/ul	98
50) Acenaphthene	14.09	153	359139	26.910	ng/ul	97
54) Dibenzofuran	14.43	168	221870	11.844	ng/ul	98
59) Fluorene	15.09	166	150916	9.600	ng/ul	98
70) Phenanthrene	16.82	178	108534	4.258	ng/ul	96
75) Carbazole	17.20	167	133324	5.810	ng/ul	97
77) Fluoranthene	18.86	202	46721	1.565	ng/ul#	93
80) Pyrene	19.22	202	36631	1.126	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	83139	4.072	ng/ul	97

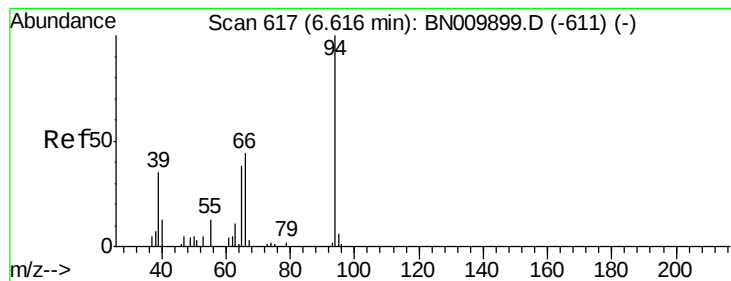
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:04:59 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.092 ng/ul

RT: 6.61 min Scan# 616

Delta R.T. -0.01 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

Instrument :

BNA_N

ClientSampleId :

DBDA6

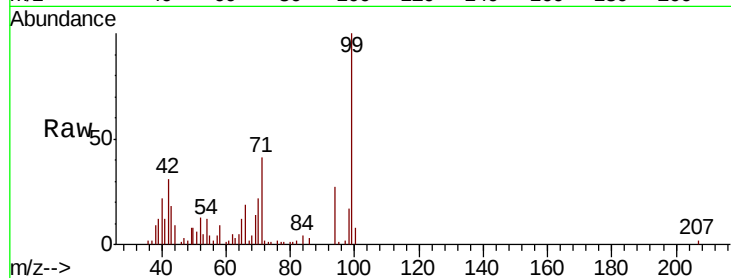
Tot Ion: 94 Resp: 15442

Ion Ratio Lower Upper

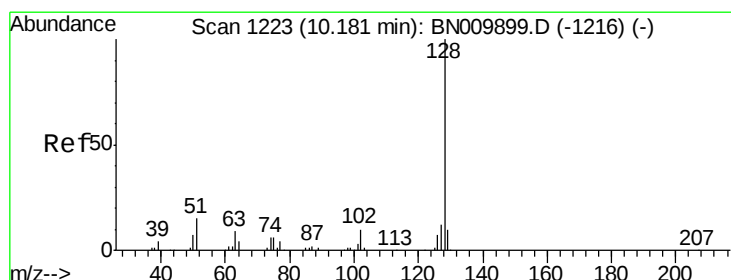
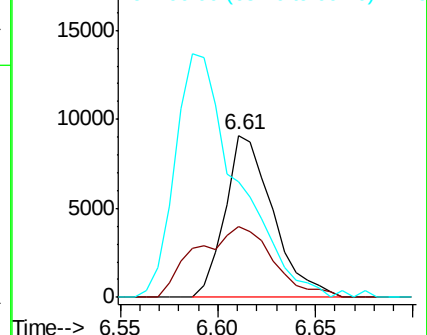
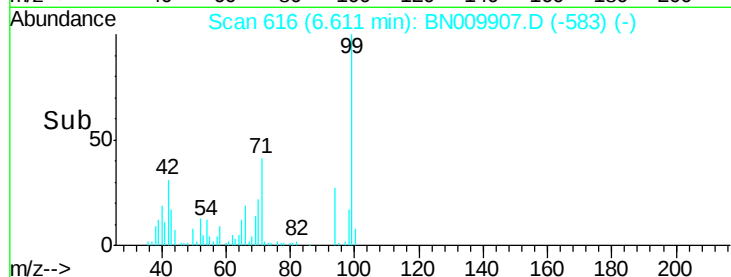
94 100

65 43.8 27.6 41.4#

66 71.8 38.5 57.7#



Abundance Ion 94.00 (93.70 to 94.70): BN009907.D (-583) (-)



#28

Naphthalene

Concen: 185.726 ng/ul

RT: 10.18 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

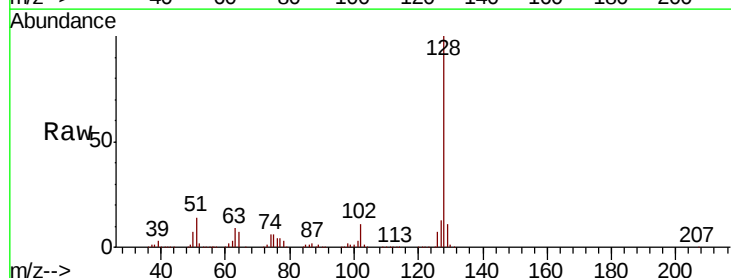
Tgt Ion:128 Resp: 3354895

Ion Ratio Lower Upper

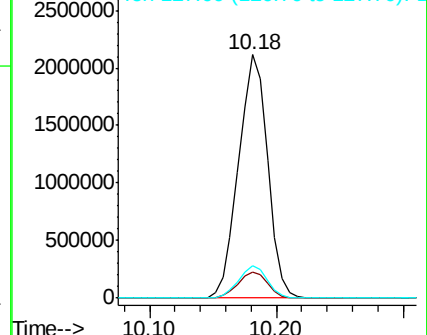
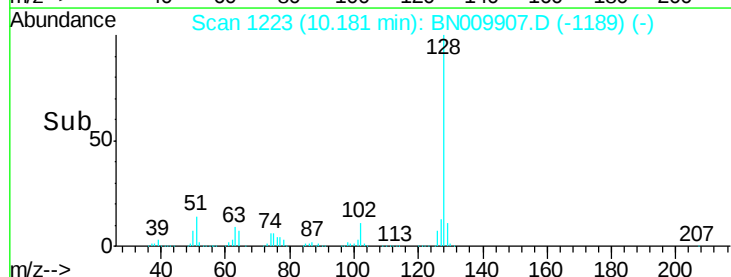
128 100

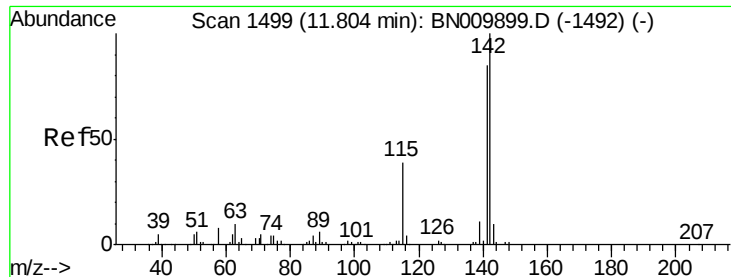
129 10.7 8.6 13.0

127 13.1 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): BN009907.D (-1189) (-)

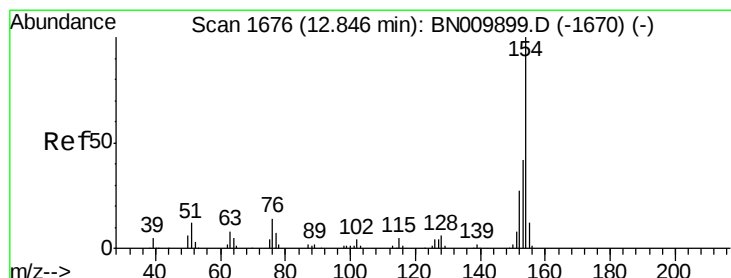
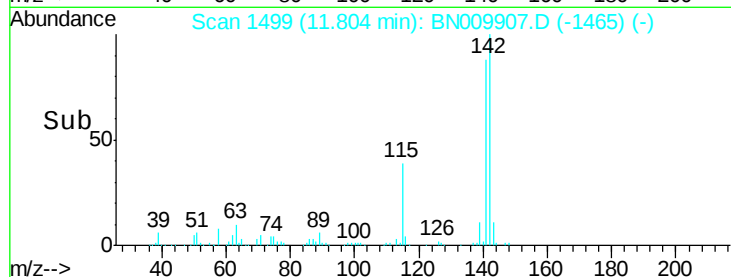
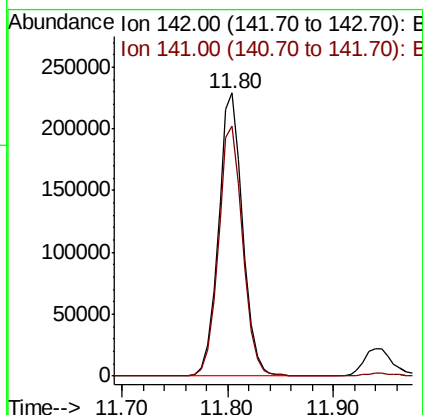
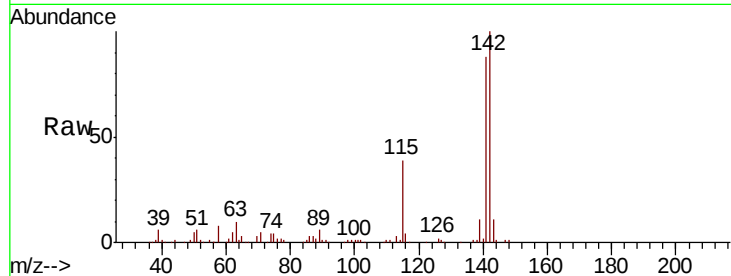




#34
2-Methylnaphthalene
Concen: 29.011 ng/ul
RT: 11.80 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BN009907.D
Acq: 25 Feb 2020 18:42

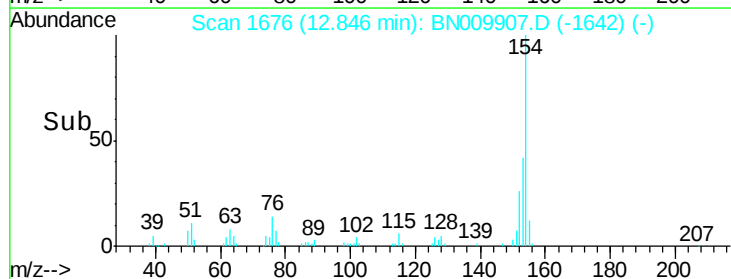
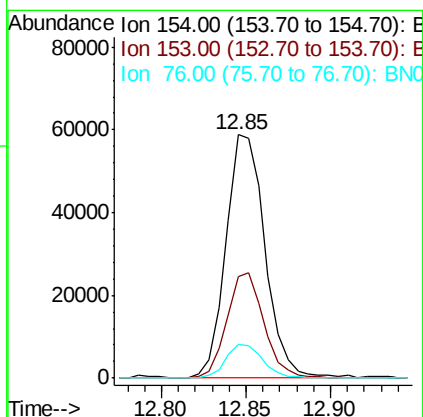
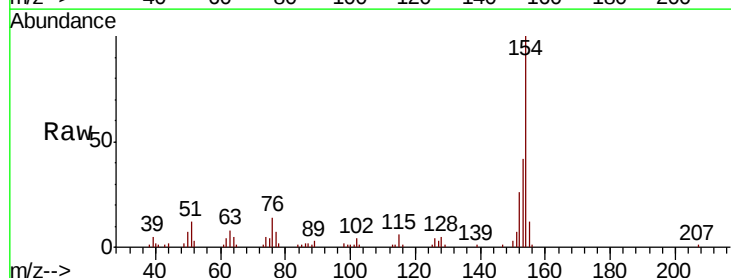
Instrument :
BNA_N
ClientSampleId :
DBDA6

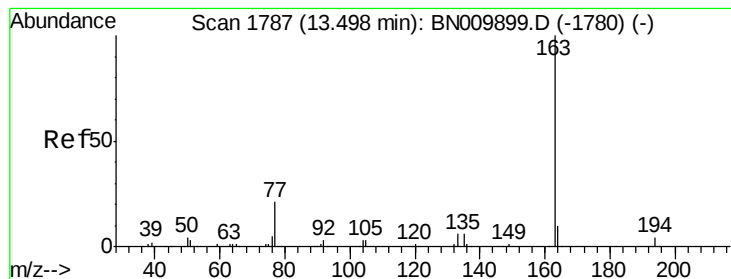
Tot Ion:142 Resp: 363880
Ion Ratio Lower Upper
142 100
141 88.3 72.1 108.1



#41
1,1'-Biphenyl
Concen: 6.032 ng/ul
RT: 12.85 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BN009907.D
Acq: 25 Feb 2020 18:42

Tgt Ion:154 Resp: 94732
Ion Ratio Lower Upper
154 100
153 41.7 33.2 49.8
76 13.6 11.0 16.4





#45

Dimethylphthalate

Concen: 5.102 ng/ul

RT: 13.50 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

Instrument :

BNA_N

ClientSampleId :

DBDA6

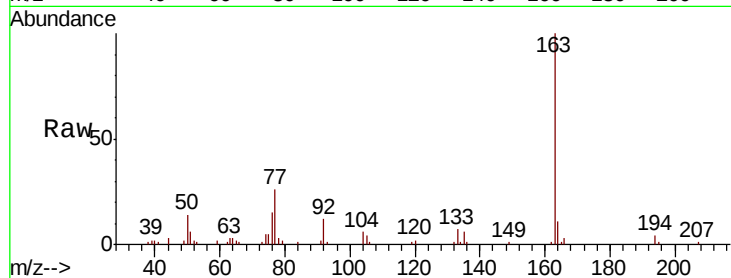
Tot Ion:163 Resp: 81303

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

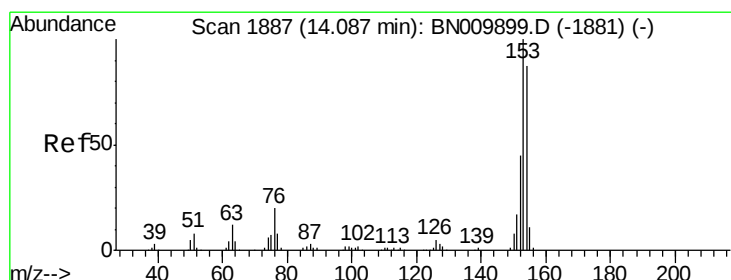
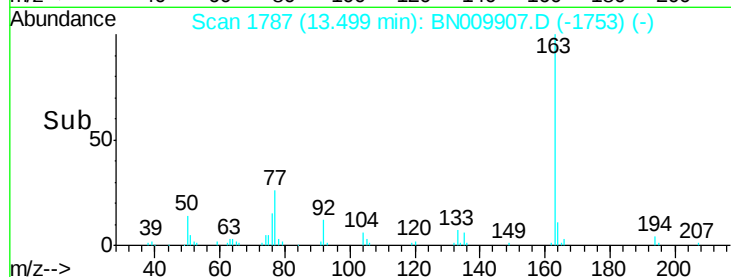
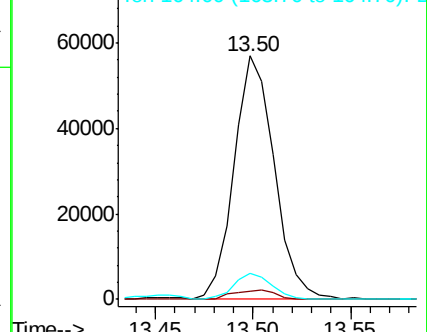
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 26.910 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

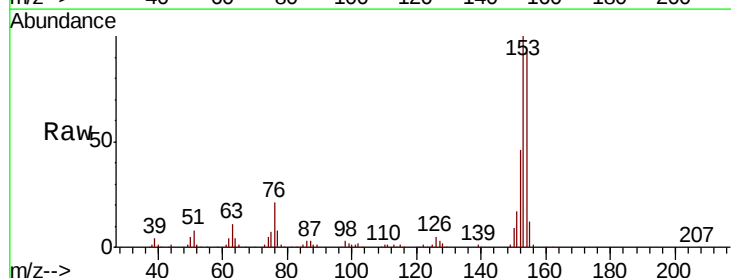
Tgt Ion:153 Resp: 359139

Ion Ratio Lower Upper

153 100

152 46.2 36.6 54.8

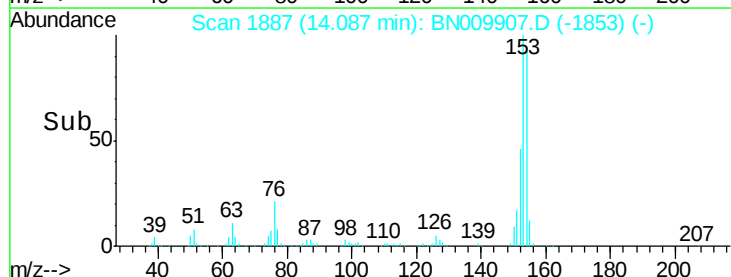
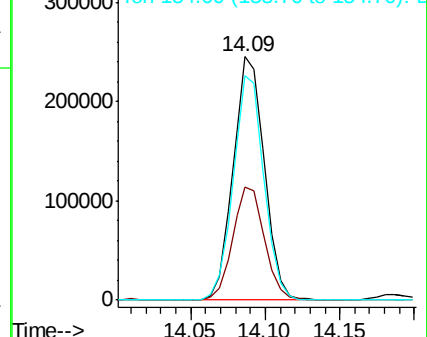
154 92.2 70.6 106.0

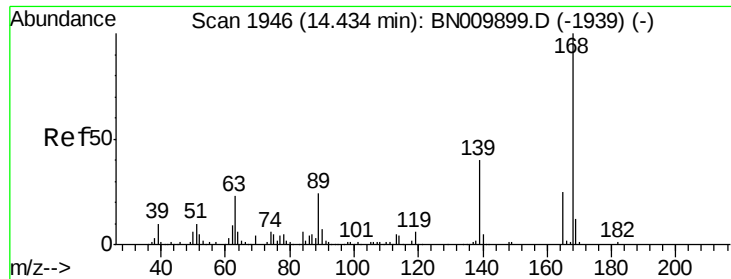


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 11.844 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

Instrument :

BNA_N

ClientSampleId :

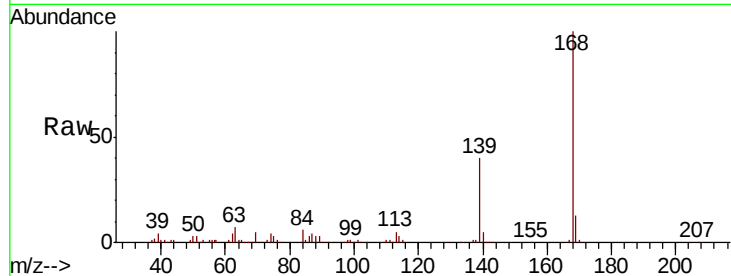
DBDA6

Tot Ion:168 Resp: 221870

Ion Ratio Lower Upper

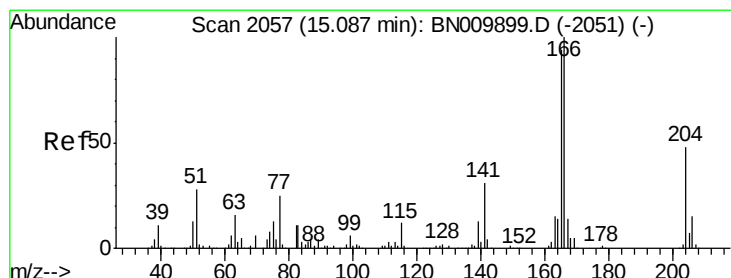
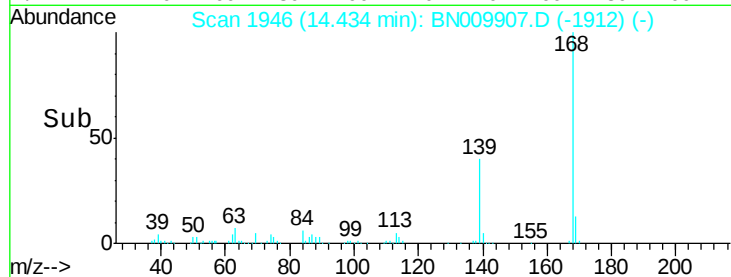
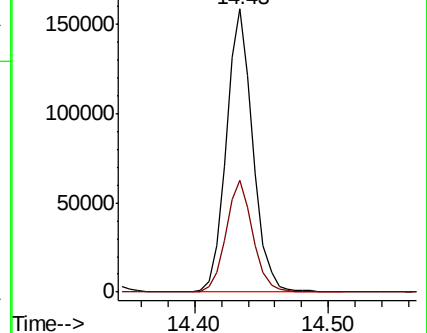
168 100

139 39.7 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 9.600 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

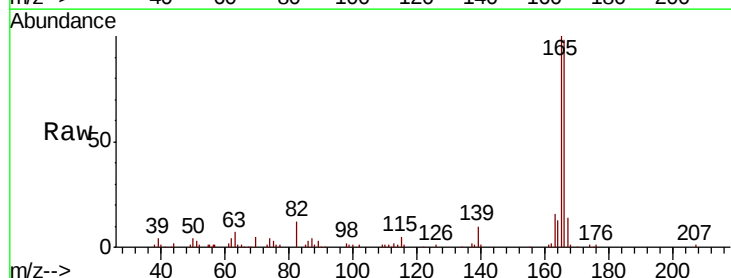
Tgt Ion:166 Resp: 150916

Ion Ratio Lower Upper

166 100

165 101.9 79.8 119.8

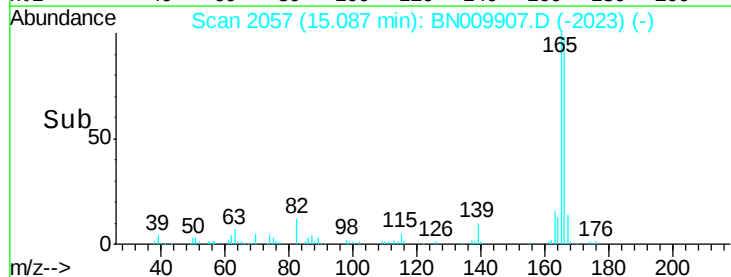
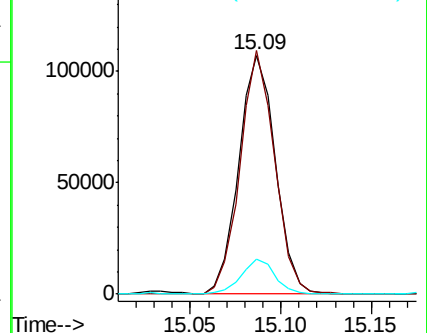
167 14.6 10.7 16.1

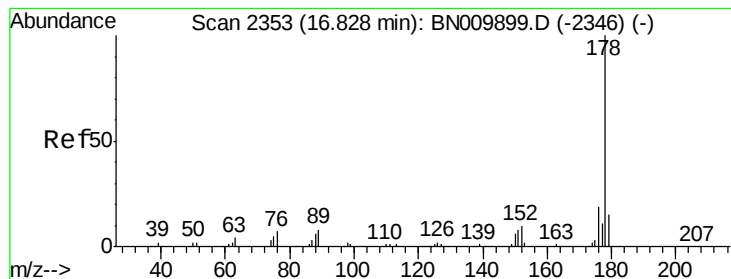


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 4.258 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

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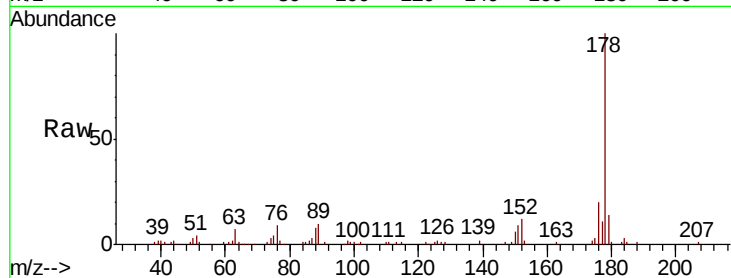
Tot Ion:178 Resp: 108534

Ion Ratio Lower Upper

178 100

179 14.2 12.5 18.7

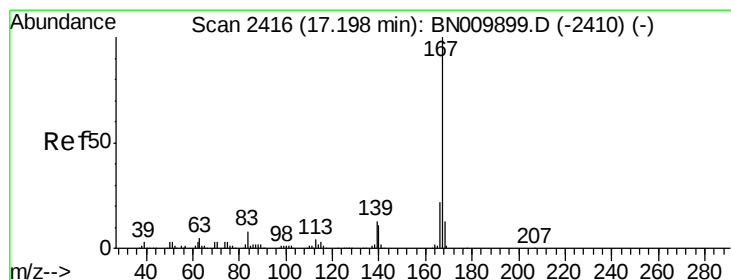
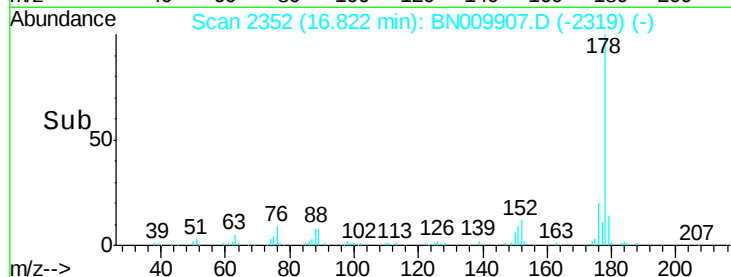
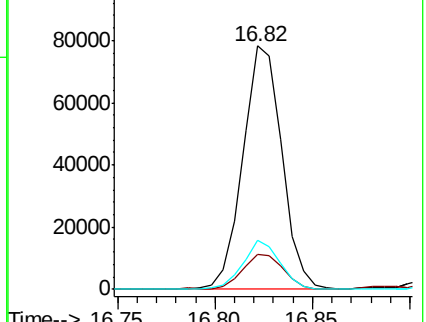
176 20.0 14.6 22.0



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



#75

Carbazole

Concen: 5.810 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

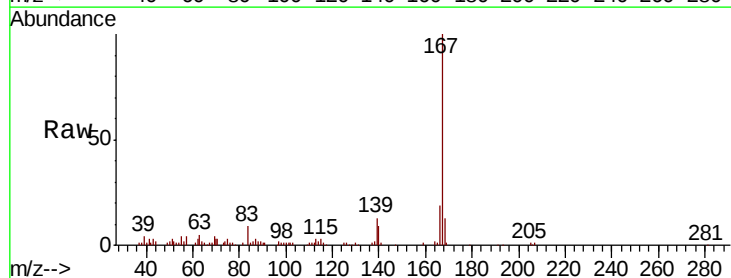
Tgt Ion:167 Resp: 133324

Ion Ratio Lower Upper

167 100

166 19.3 16.6 24.8

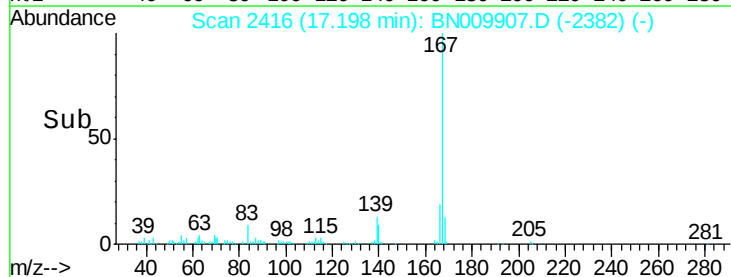
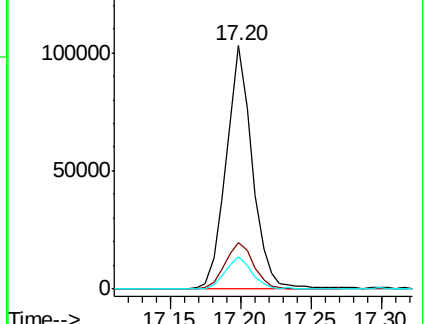
139 13.2 9.9 14.9

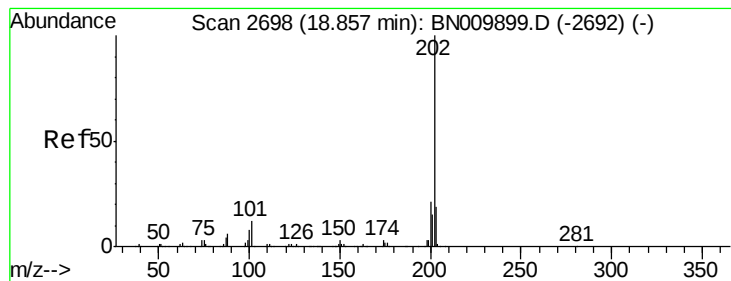


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 1.565 ng/ul

RT: 18.86 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BN009907.D

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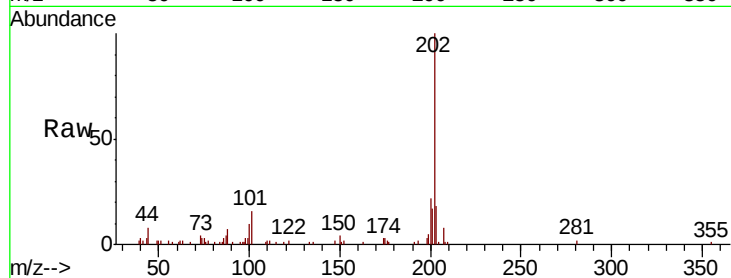
Tot Ion:202 Resp: 46721

Ion Ratio Lower Upper

202 100

101 15.7 9.4 14.2#

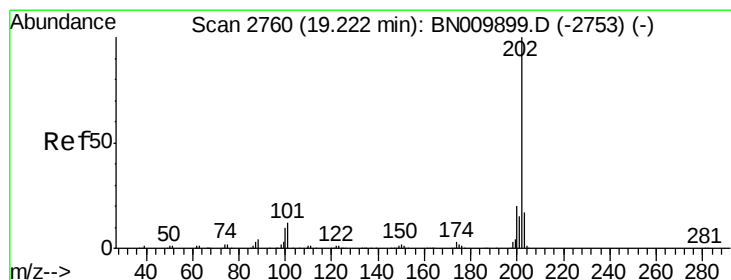
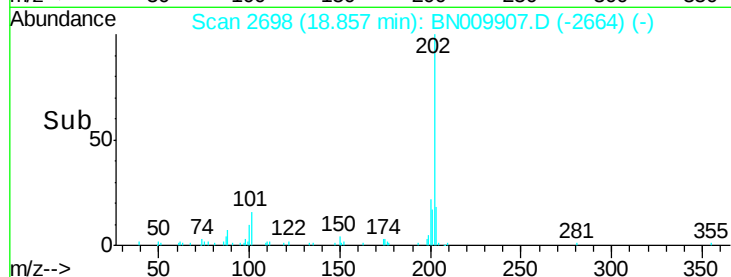
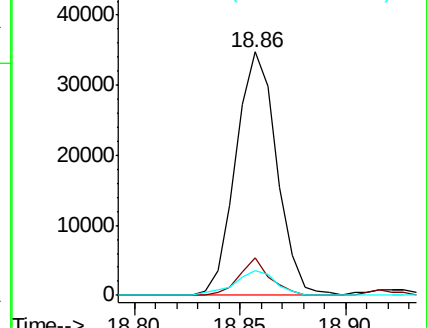
100 9.9 7.2 10.8



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

Pyrene

Concen: 1.126 ng/ul

RT: 19.22 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

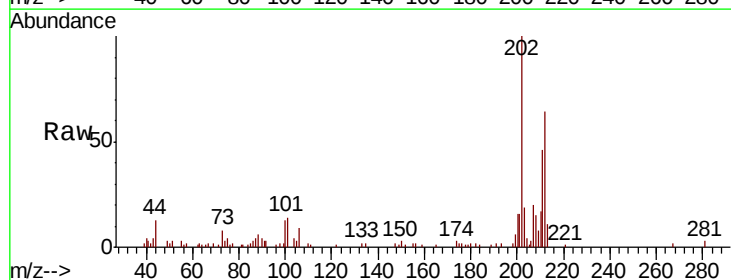
Tgt Ion:202 Resp: 36631

Ion Ratio Lower Upper

202 100

101 14.3 11.3 16.9

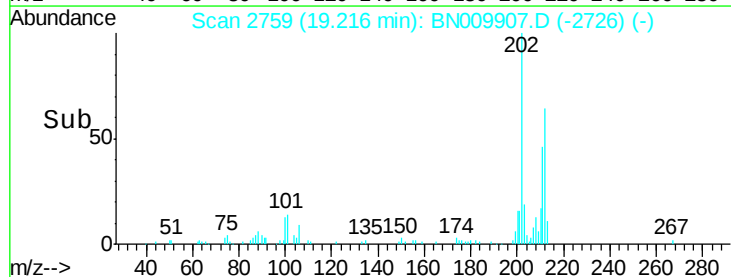
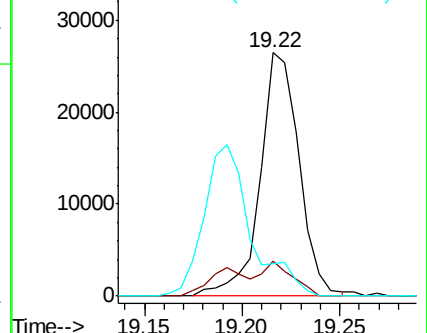
100 13.1 9.0 13.6

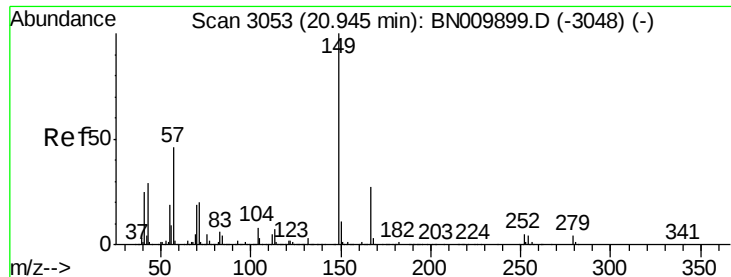


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.072 ng/ul

RT: 20.95 min Scan# 3053

Delta R.T. 0.00 min

Lab File: BN009907.D

Acq: 25 Feb 2020 18:42

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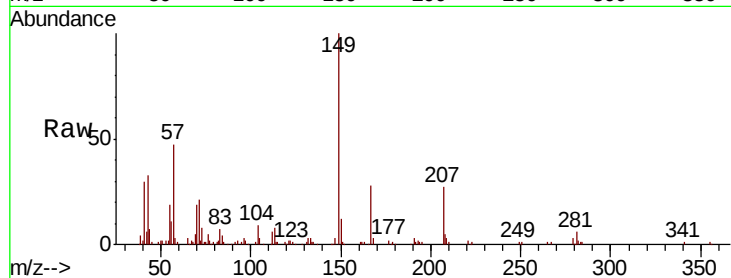
Tot Ion:149 Resp: 83139

Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

279 3.3 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

