

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
 Data File : BM022288.D
 Acq On : 24 Aug 2019 11:31
 Operator : HP/JU
 Sample : K4242-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF7

Quant Time: Aug 25 01:23:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 25 01:20:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	30723	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	135230	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	92884	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	209700	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	1251	20.00	ng/ul	-0.02
85) Perylene-d12	23.32	264	1261527	20.00	ng/ul	-0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	2525	3.68	ng/uL	0.00
5) Phenol-d5	6.75	99	64344	24.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	41334	26.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	58922	27.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	55311	24.07	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	32746	32.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	35269	30.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	69521	29.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	28262	9.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	251384	30.73	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	281868	31.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	26246	21.66	ng/ul	0.00
57) Fluorene-d10	15.22	176	223580	32.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	20772	12.84	ng/ul	0.00
70) Anthracene-d10	17.07	188	369009	33.23	ng/ul	0.00
78) Pyrene-d10	19.39	212	817698	12576.65	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.16	264	1515	0.02	ng/ul	-0.07

Target Compounds

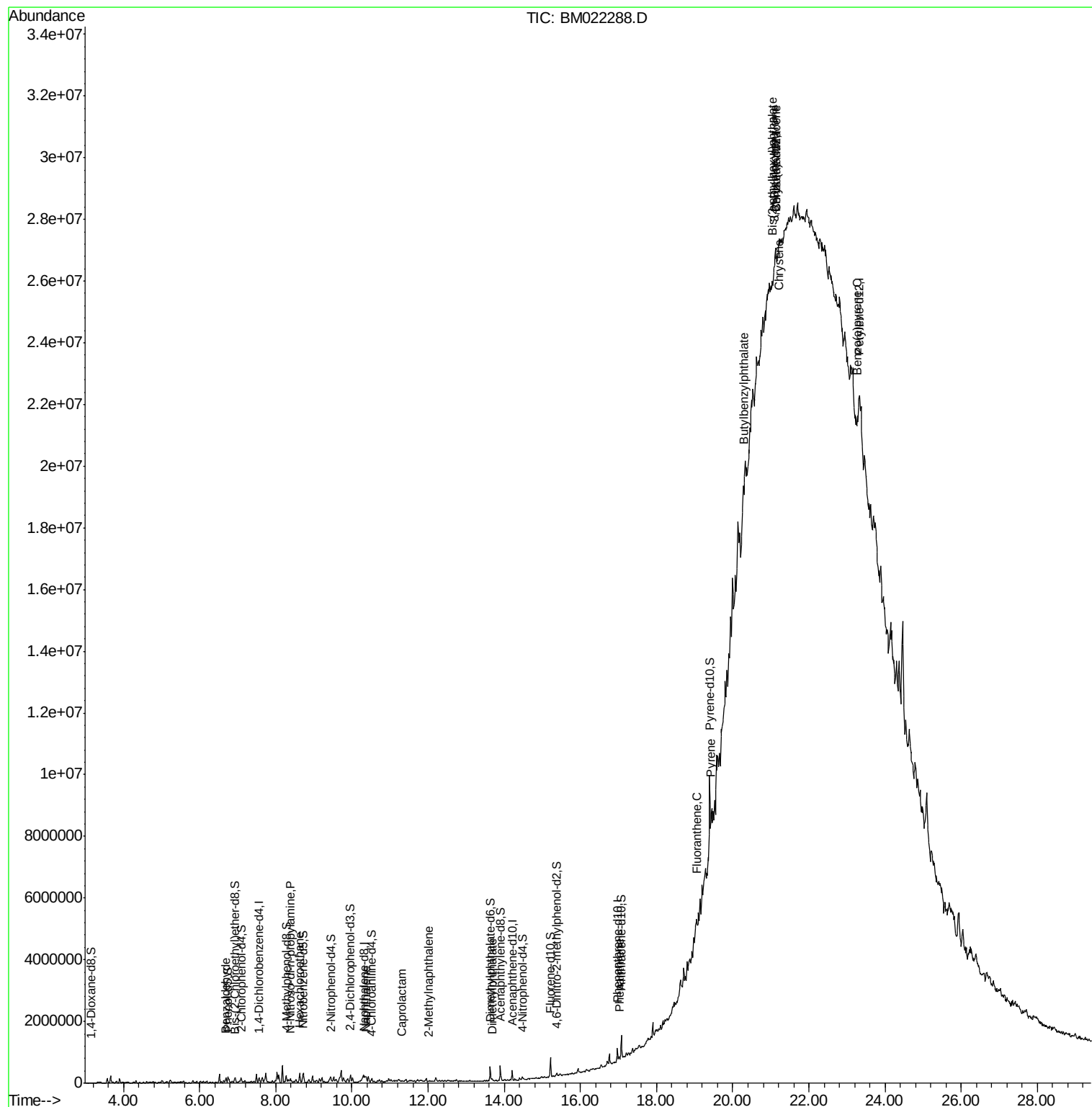
					Qvalue	
4) Benzaldehyde	6.69	77	8066	5.285	ng/ul#	1
15) N-Nitroso-di-n-propylamine	8.38	70	17027	8.467	ng/ul#	55
17) Hexachloroethane	8.63	117	26666	24.473	ng/ul#	1
28) Naphthalene	10.37	128	19352	2.593	ng/ul#	71
32) Caprolactam	11.32	113	1254	1.669	ng/ul#	1
34) 2-Methylnaphthalene	12.00	142	10043	1.747	ng/ul	100
44) Dimethylphthalate	13.68	163	44279	5.320	ng/ul	98
69) Phenanthrene	17.02	178	30089	2.398	ng/ul#	82
76) Fluoranthene	19.05	202	164959	8.726	ng/ul	98
79) Pyrene	19.42	202	248673	3071.073	ng/ul	100
80) Butylbenzylphthalate	20.29	149	5462	159.381	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.09	252	7518	231.009	ng/ul#	1
82) Benzo(a)anthracene	21.15	228	778	8.263	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.04	149	7386	143.227	ng/ul#	27
84) Chrysene	21.20	228	105341	1196.560	ng/ul#	64
90) Benzo(a)pyrene	23.27	252	267040	3.192	ng/ul#	1

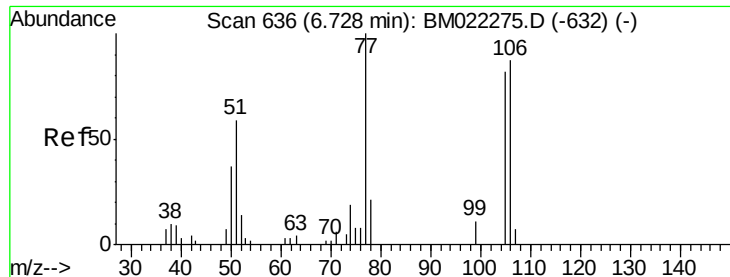
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 25 01:20:09 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 5.285 ng/ul

RT: 6.69 min Scan# 630

Delta R.T. -0.04 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA_M

ClientSampleId :

C0AF7

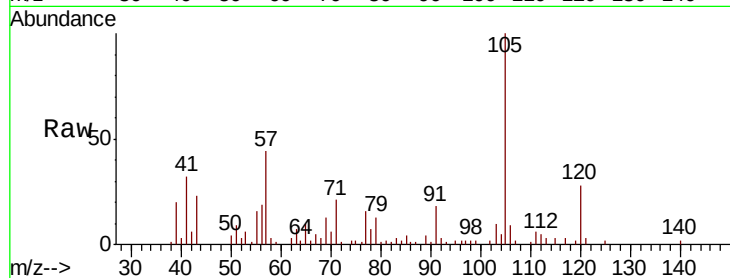
Tgt Ion: 77 Resp: 8066

Ion Ratio Lower Upper

77 100

105 615.4 71.7 107.5#

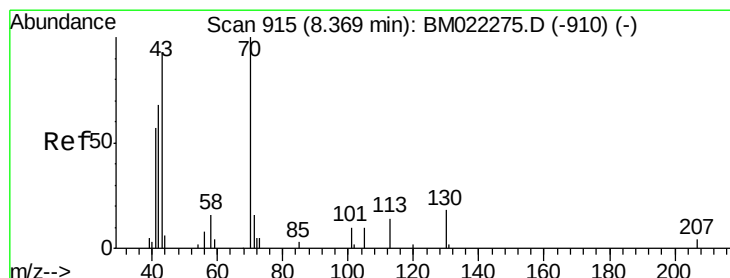
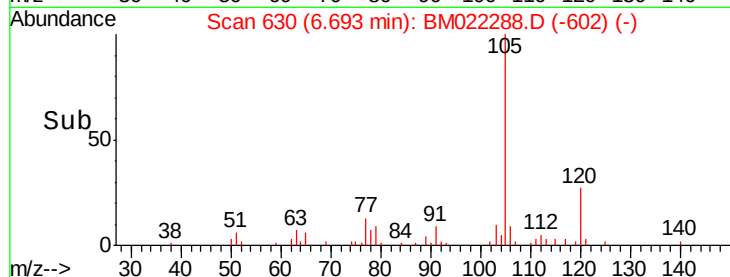
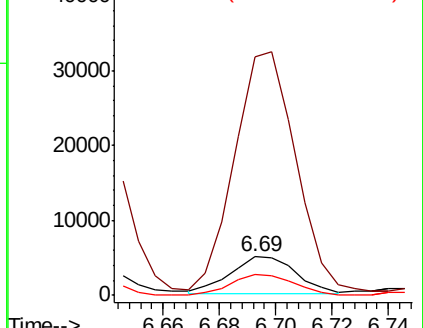
106 55.1 71.7 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BM022275.D (-632) (-)

Ion 105.00 (104.70 to 105.70): BM022275.D (-632) (-)

Ion 106.00 (105.70 to 106.70): BM022275.D (-632) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 8.467 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. 0.01 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Tgt Ion: 70 Resp: 17027

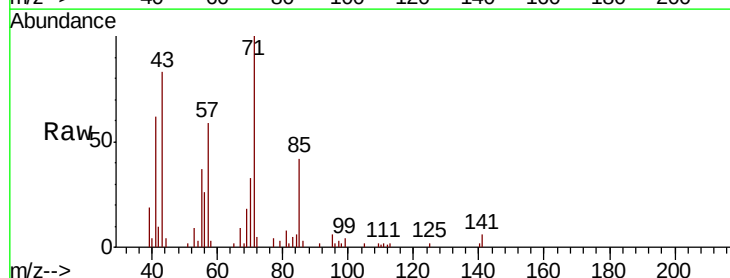
Ion Ratio Lower Upper

70 100

42 29.3 55.1 82.7#

101 0.0 8.0 12.0#

130 0.0 15.7 23.5#

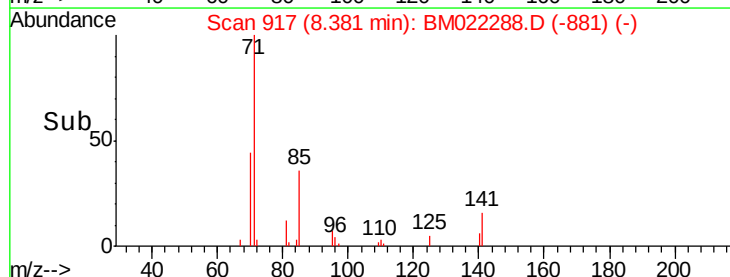
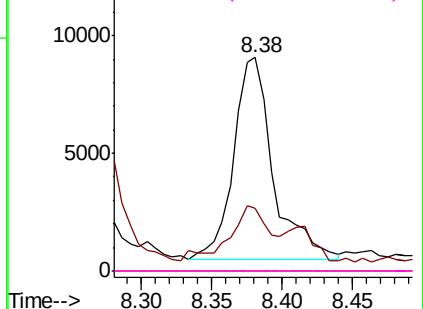


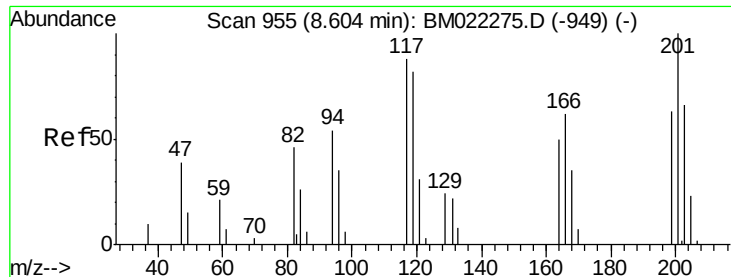
Abundance Ion 70.00 (69.70 to 70.70): BM022275.D (-910) (-)

Ion 42.00 (41.70 to 42.70): BM022275.D (-910) (-)

Ion 101.00 (100.70 to 101.70): BM022275.D (-910) (-)

Ion 130.00 (129.70 to 130.70): BM022275.D (-910) (-)





#17

Hexachloroethane

Concen: 24.473 ng/ul

RT: 8.63 min Scan# 960

Delta R.T. 0.03 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA_M

ClientSampleId :

C0AF7

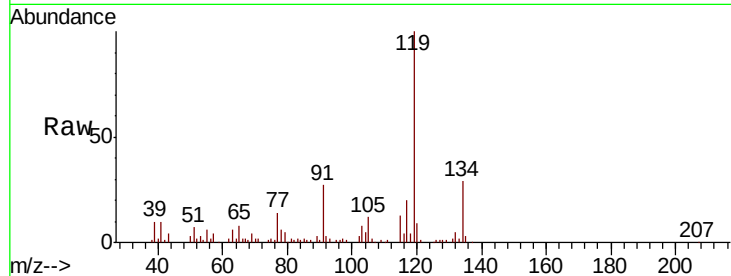
Tgt Ion:117 Resp: 26666

Ion Ratio Lower Upper

117 100

201 0.0 95.9 143.9#

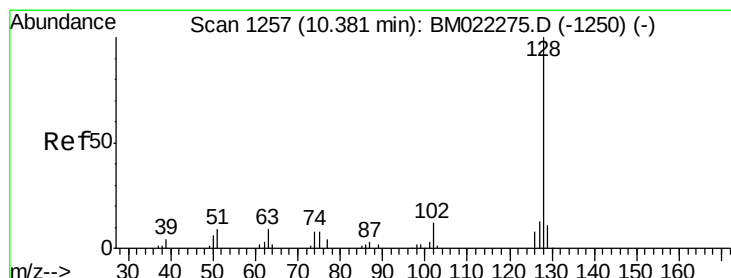
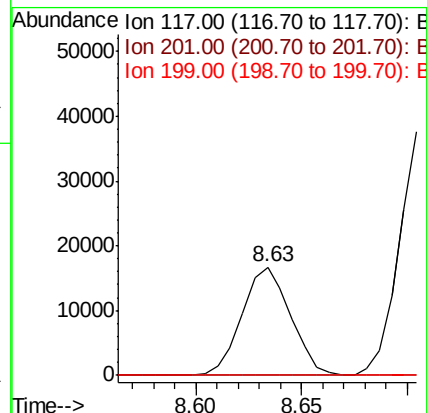
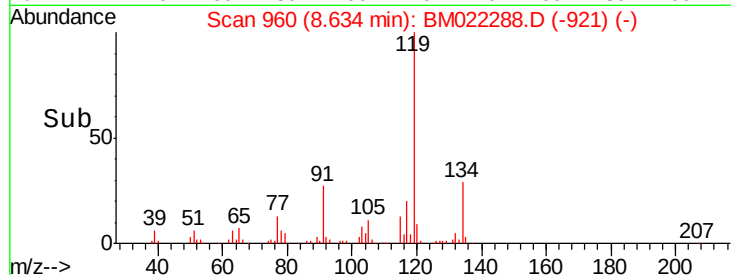
199 0.0 60.6 90.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#28

Naphthalene

Concen: 2.593 ng/ul

RT: 10.37 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

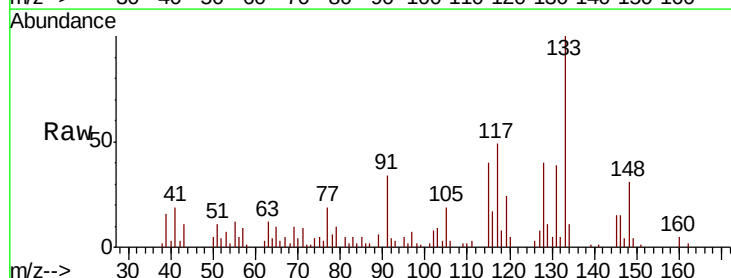
Tgt Ion:128 Resp: 19352

Ion Ratio Lower Upper

128 100

129 28.1 8.6 13.0#

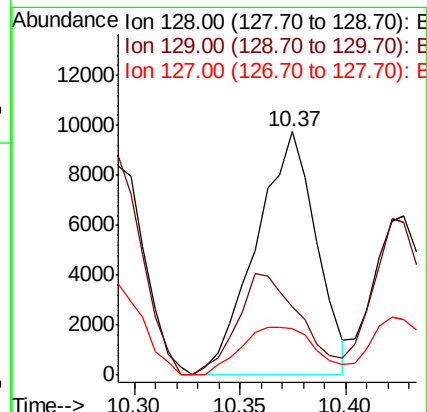
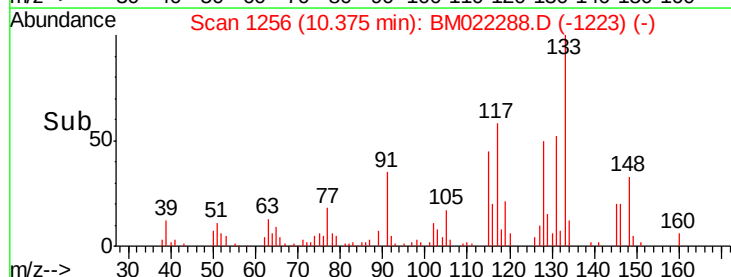
127 18.9 10.4 15.6#

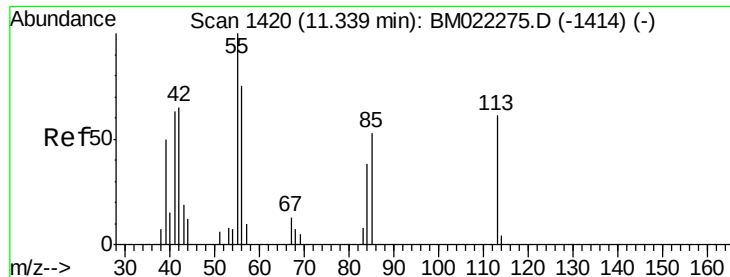


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Caprolactam

Concen: 1.669 ng/ul

RT: 11.32 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA_M

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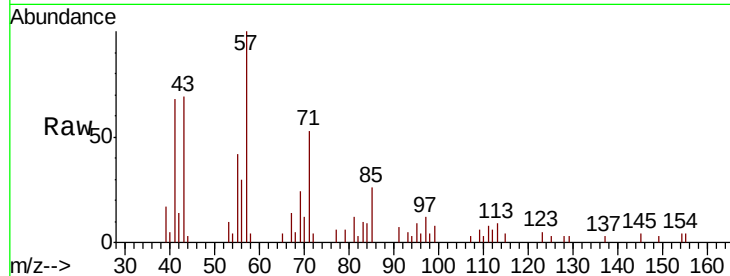
Tgt Ion:113 Resp: 1254

Ion Ratio Lower Upper

113 100

55 462.2 111.6 167.4#

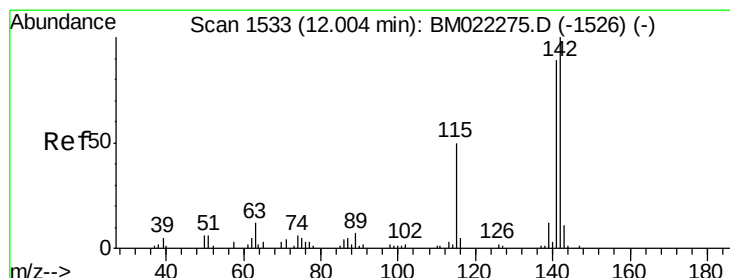
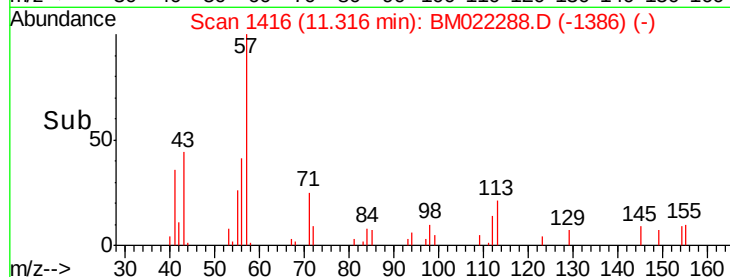
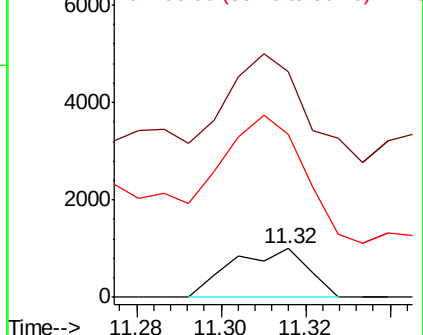
56 332.8 104.6 157.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 1.747 ng/ul

RT: 12.00 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BM022288.D

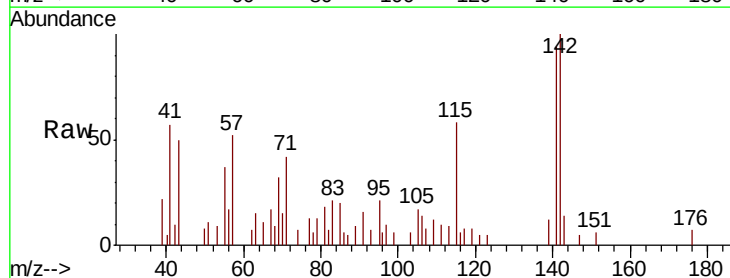
Acq: 24 Aug 2019 11:31

Tgt Ion:142 Resp: 10043

Ion Ratio Lower Upper

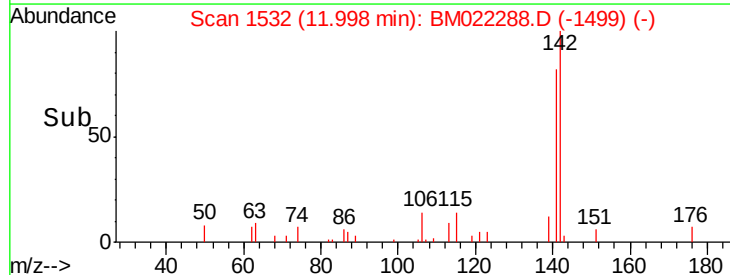
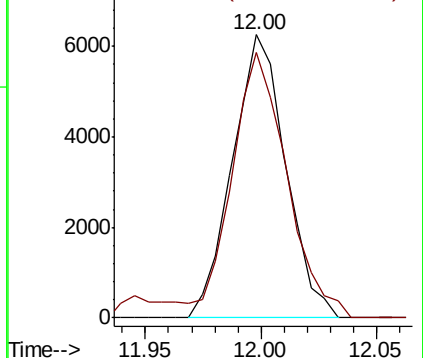
142 100

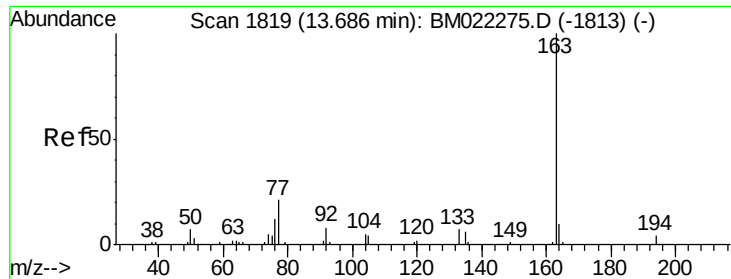
141 93.8 75.1 112.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

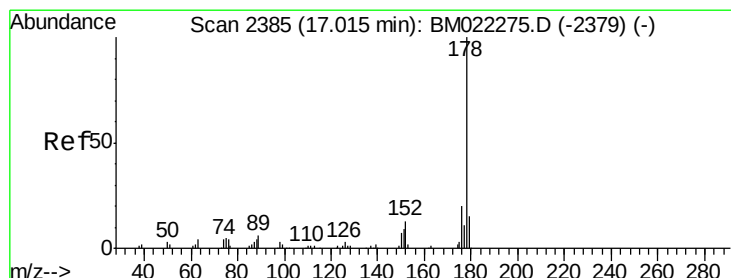
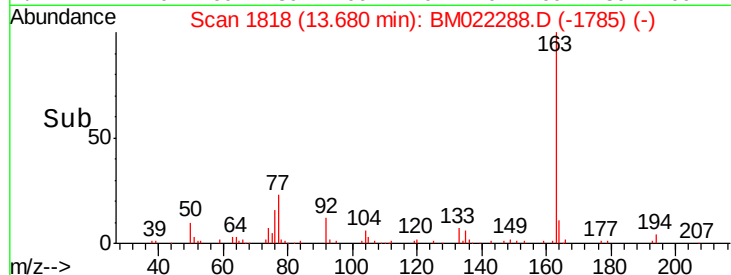
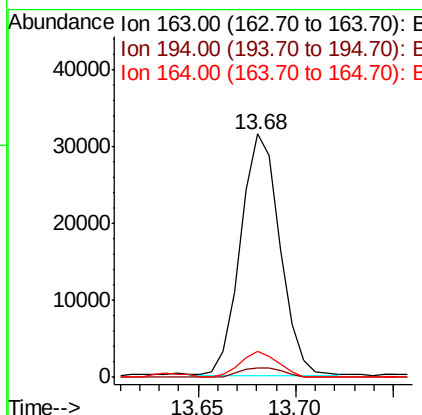
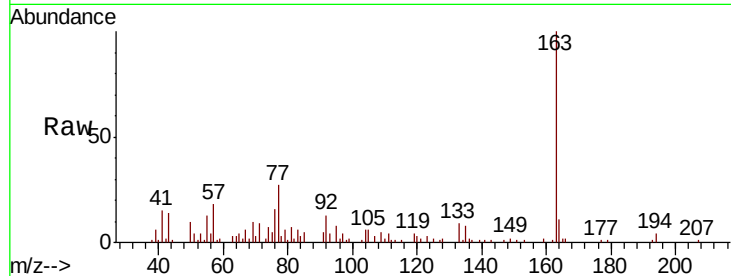




#44
Dimethylphthalate
Concen: 5.320 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

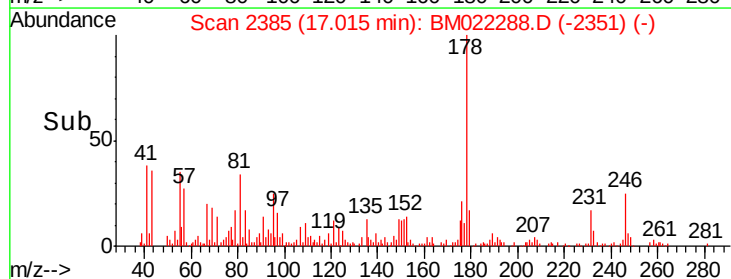
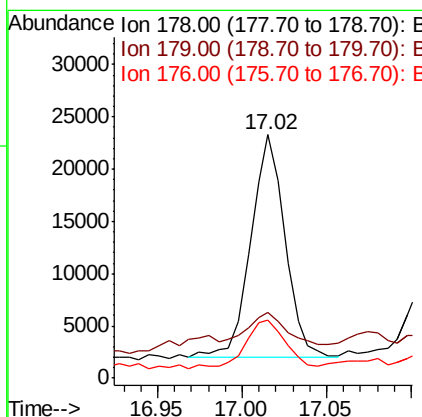
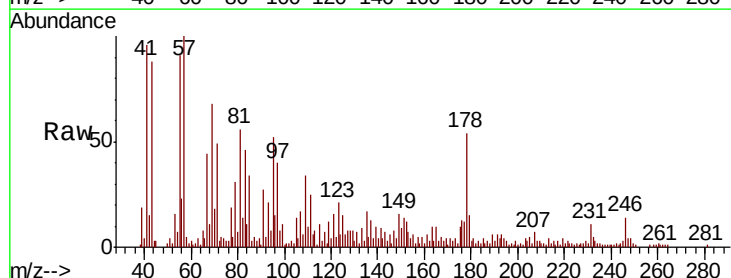
Instrument :
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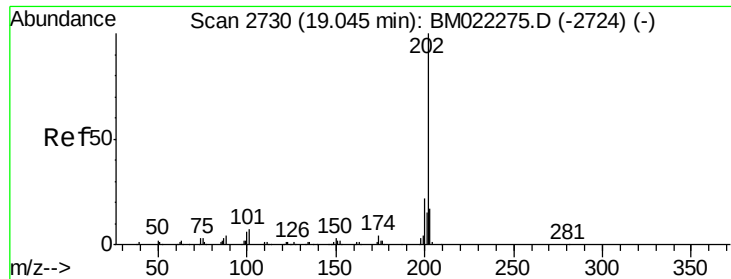
Tgt Ion:163 Resp: 44279
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.5 7.8 11.8



#69
Phenanthrene
Concen: 2.398 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Tgt Ion:178 Resp: 30089
Ion Ratio Lower Upper
178 100
179 27.1 12.4 18.6#
176 23.8 15.4 23.0#

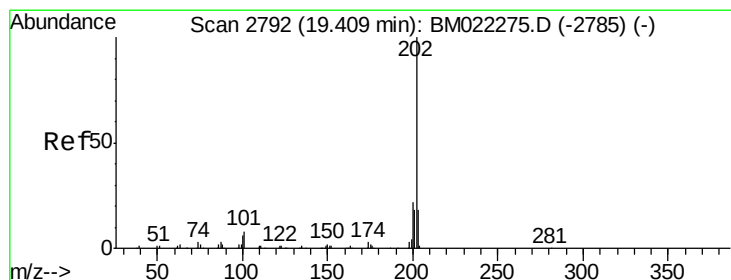
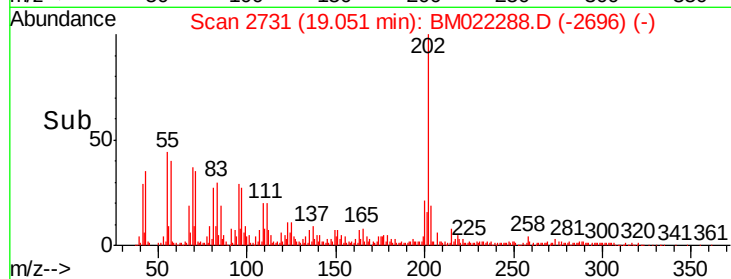
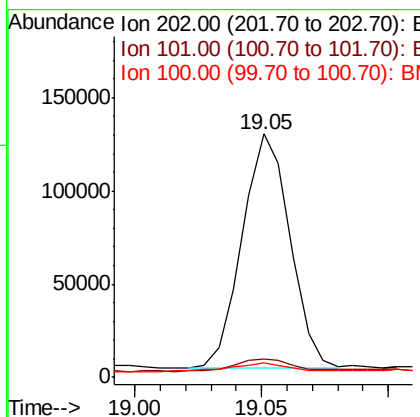
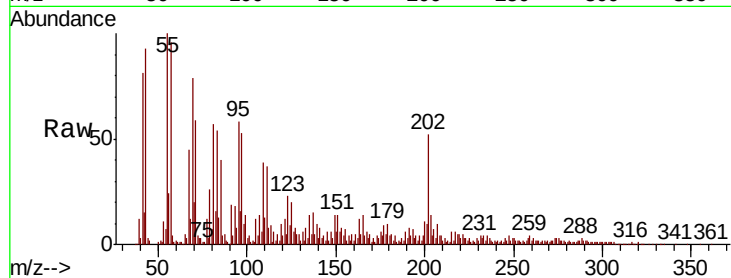




#76
Fluoranthene
Concen: 8.726 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

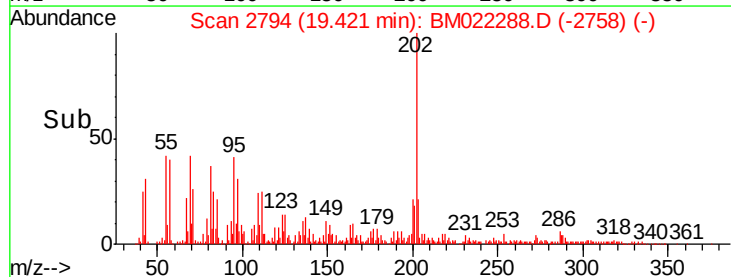
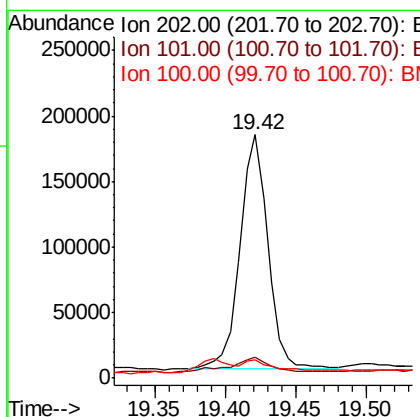
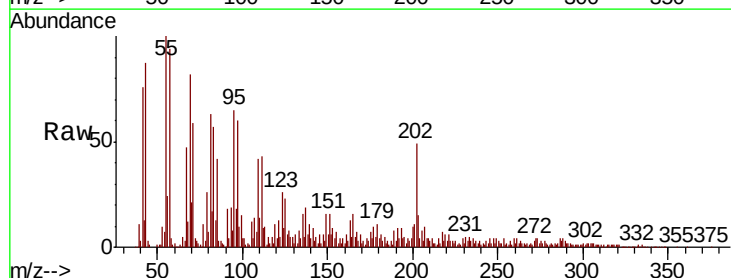
Instrument :
BNA_M
ClientSampleId :
C0AF7

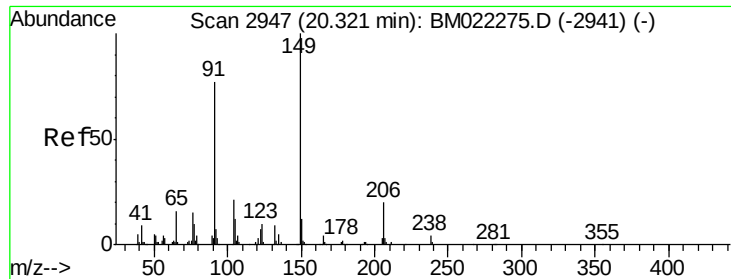
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	164959		
101	7.6	5.3	7.9	
100	6.0	4.6	6.8	



#79
Pyrene
Concen: 3071.073 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	248673		
101	8.7	7.0	10.4	
100	7.4	5.8	8.8	

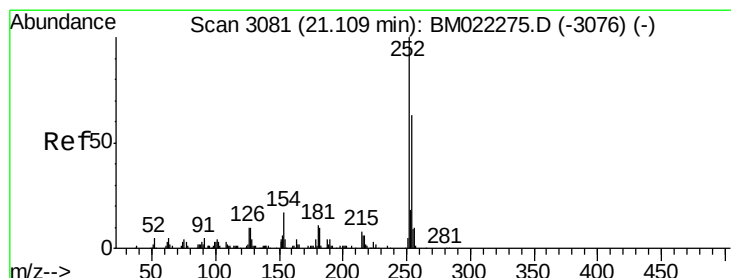
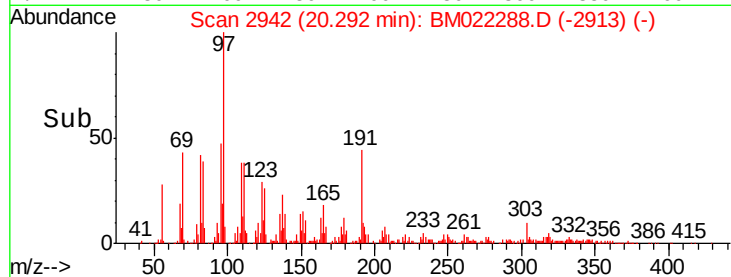
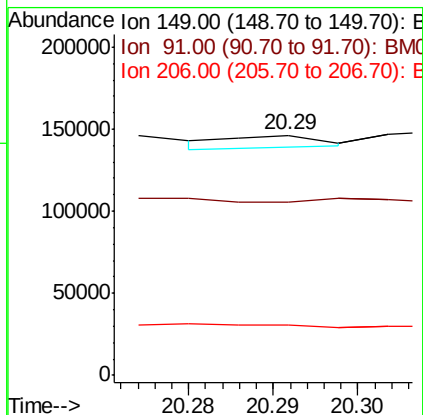
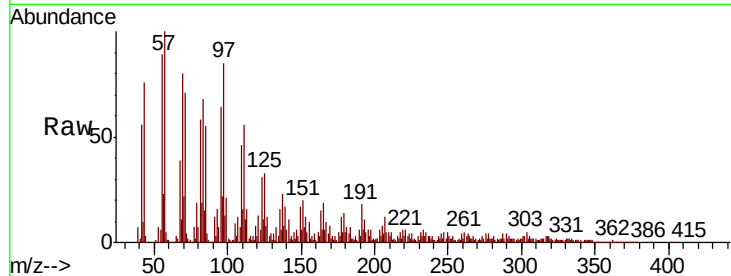




#80
Butylbenzylphthalate
Concen: 159.381 ng/ul
RT: 20.29 min Scan# 2942
Delta R.T. -0.03 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

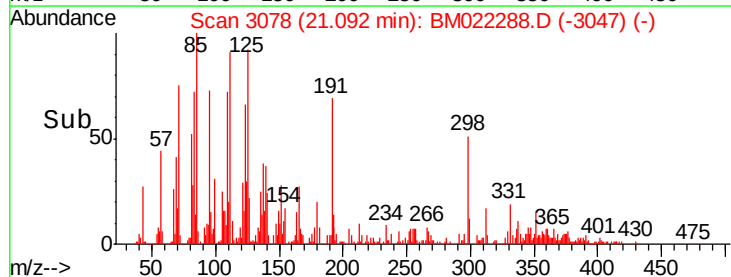
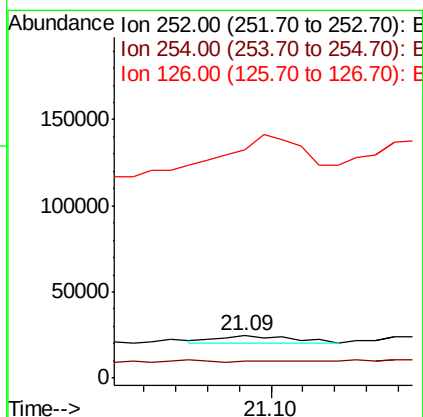
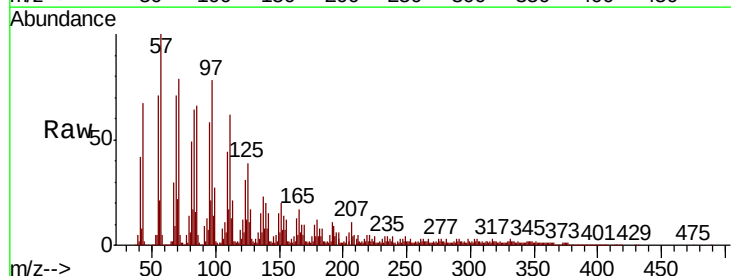
Instrument :
BNA_M
ClientSampleId :
C0AF7

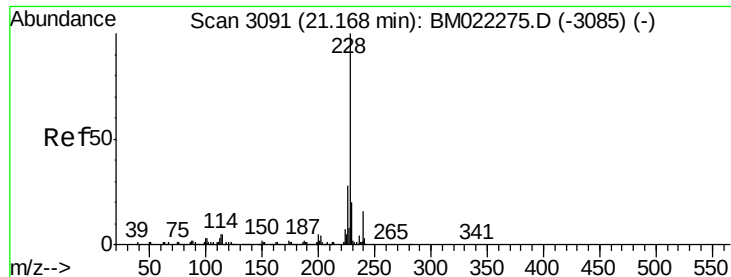
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	61.8	92.8
206	21.2	16.6	25.0



#81
3,3'-Dichlorobenzidine
Concen: 231.009 ng/ul
RT: 21.09 min Scan# 3078
Delta R.T. -0.02 min
Lab File: BM022288.D
Acq: 24 Aug 2019 11:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	41.9	51.3	76.9#
126	542.2	7.3	10.9#





#82

Benzo(a)anthracene

Concen: 8.263 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA_M

ClientSampleId :

C0AF7

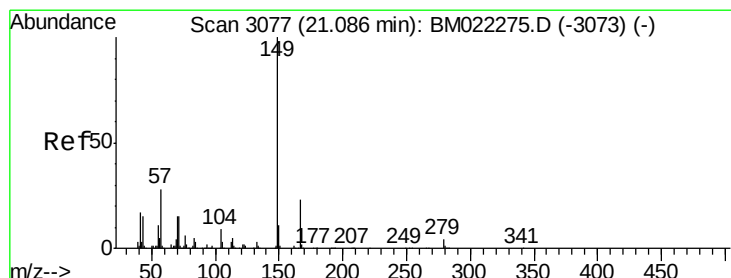
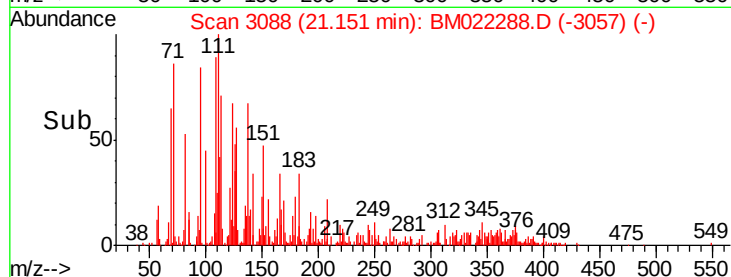
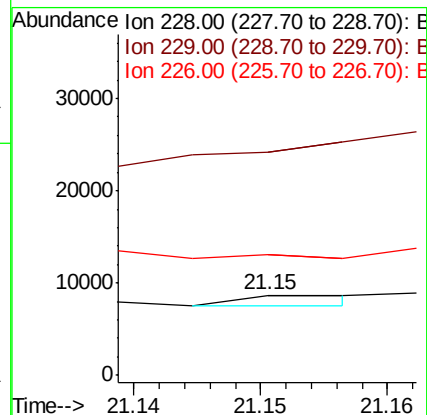
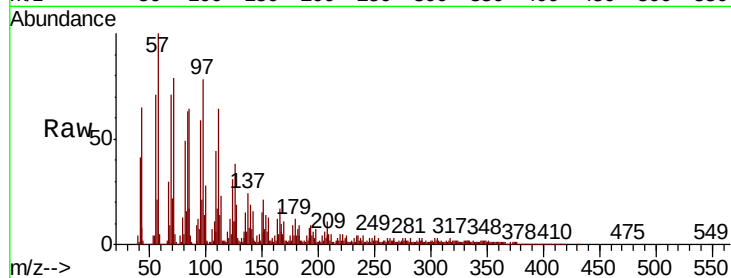
Tgt Ion:228 Resp: 778

Ion Ratio Lower Upper

228 100

229 278.3 15.2 22.8#

226 150.5 22.3 33.5#



#83

Bis(2-ethylhexyl)phthalate

Concen: 143.227 ng/ul

RT: 21.04 min Scan# 3070

Delta R.T. -0.04 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

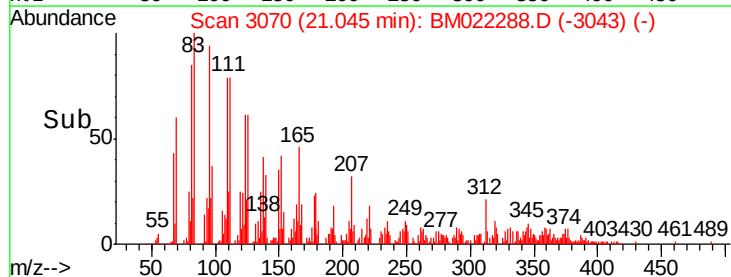
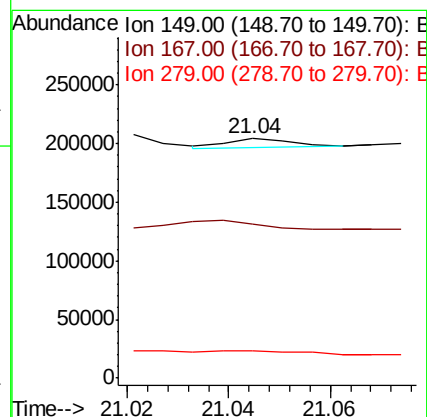
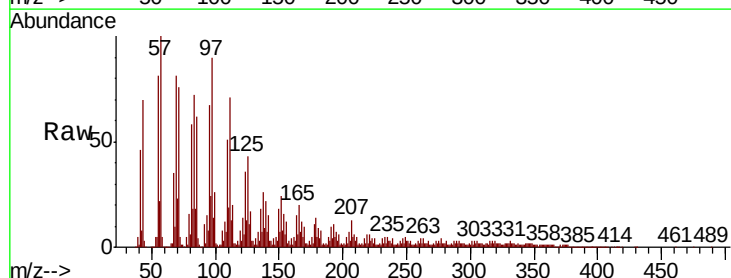
Tgt Ion:149 Resp: 7386

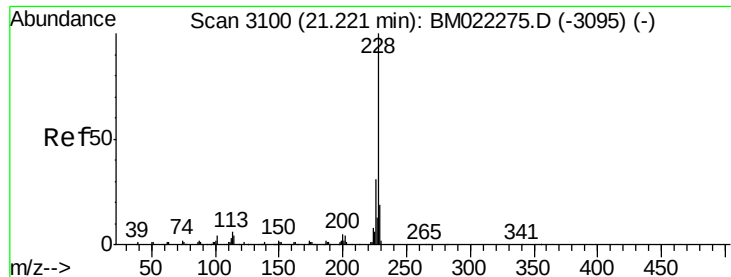
Ion Ratio Lower Upper

149 100

167 64.0 19.1 28.7#

279 11.4 3.3 4.9#





#84

Chrysene

Concen: 1196.560 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

Instrument :

BNA_M

ClientSampleId :

C0AF7

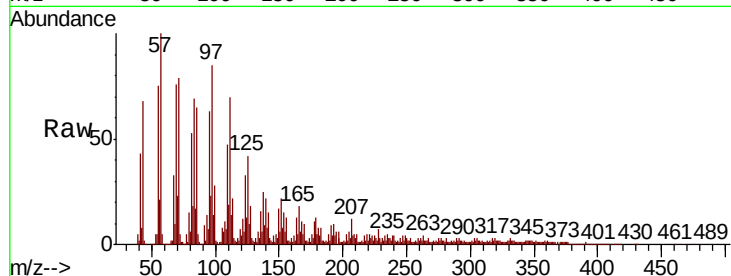
Tgt Ion:228 Resp: 105341

Ion Ratio Lower Upper

228 100

226 40.0 24.7 37.1#

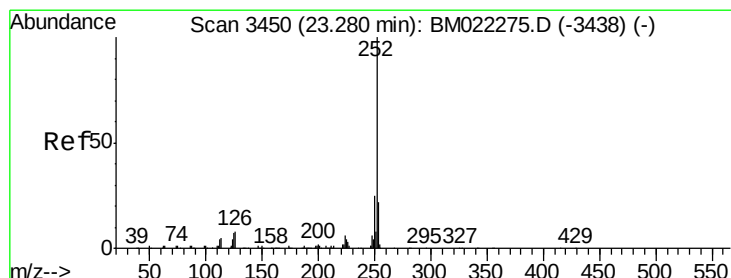
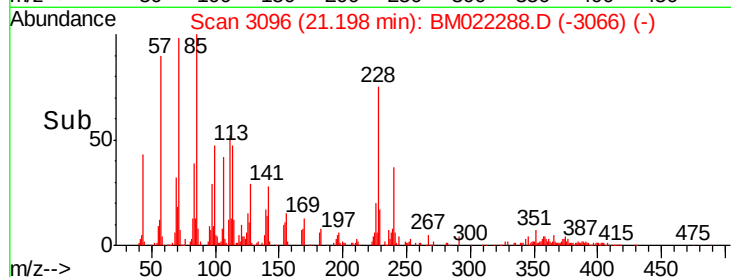
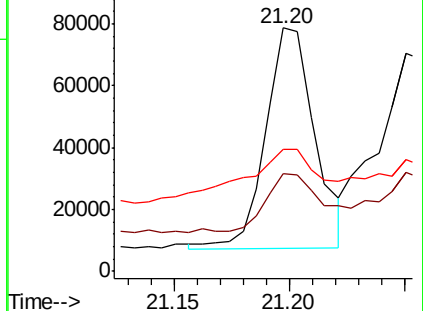
229 49.9 15.7 23.5#



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



#90

Benzo(a)pyrene

Concen: 3.192 ng/ul

RT: 23.27 min Scan# 3448

Delta R.T. -0.01 min

Lab File: BM022288.D

Acq: 24 Aug 2019 11:31

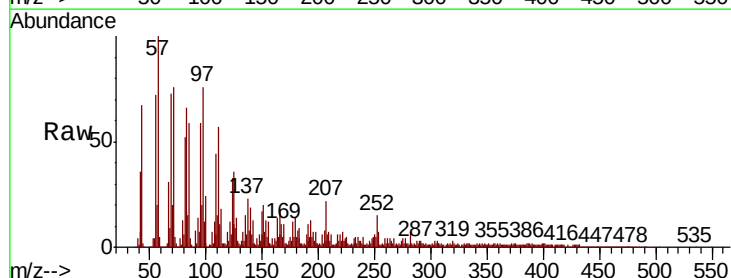
Tgt Ion:252 Resp: 267040

Ion Ratio Lower Upper

252 100

253 45.5 16.9 25.3#

125 248.7 5.5 8.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

