

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
 Data File : BM023538.D
 Acq On : 01 Nov 2019 02:16
 Operator : JU
 Sample : K5433-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNG1

Manual Integrations
 APPROVED

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 11/1/2019 4:15:31 PM

Quant Time: Nov 01 15:05:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 01 08:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	437277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1768051	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1058346	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2219098	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2144793	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	2603109	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	21349	2.32	ng/uL	0.00
5) Phenol-d5	6.79	99	417958	11.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	300582	13.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	355397	12.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	330667	11.09	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	184207	13.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	185722	12.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	320392	11.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	211820	6.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1163006	14.47	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1365590	14.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	35493	2.55	ng/ul	0.00
58) Fluorene-d10	15.26	176	1039453	15.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	26887	1.95	ng/ul	0.00
71) Anthracene-d10	17.10	188	1639632	15.63	ng/ul	0.00
79) Pyrene-d10	19.40	212	1800714	15.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	2026458	15.28	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.76	77	57636	2.726	ng/ul 92
6) Phenol	6.82	94	140492	3.715	ng/ul 98
14) Acetophenone	8.43	105	95470	2.049	ng/ul 95
28) Naphthalene	10.43	128	93209	1.029	ng/ul 98
32) Caprolactam	11.32	113	44471	5.060	ng/ul 97
41) 1,1'-Biphenyl	13.09	154	175562	2.139	ng/ul 99
45) Dimethylphthalate	13.72	163	459603	5.696	ng/ul 99
70) Phenanthrene	17.05	178	235595	1.900	ng/ul 99
77) Fluoranthene	19.07	202	338442	2.616	ng/ul 98
80) Pyrene	19.43	202	332857	2.198	ng/ul 98
81) Butylbenzylphthalate	20.36	149	70839	1.142	ng/ul 90
83) Benzo(a)anthracene	21.19	228	169189m	1.179	ng/ul
84) Bis(2-ethylhexyl)phthalate	21.14	149	3083647	35.472	ng/ul 99
85) Chrysene	21.24	228	230027	1.738	ng/ul 97
87) Di-n-octyl phthalate	22.02	149	239730	1.566	ng/ul 100
88) Benzo(b)fluoranthene	22.74	252	405768	2.427	ng/ul# 80
91) Benzo(a)pyrene	23.30	252	871304	5.757	ng/ul# 91
92) Indeno(1,2,3-cd)pyrene	25.59	276	243058	1.483	ng/ul# 88
93) Dibenzo(a,h)anthracene	25.59	278	167082	1.209	ng/ul# 51
94) Benzo(g,h,i)perylene	26.26	276	1193999	8.955	ng/ul 99

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

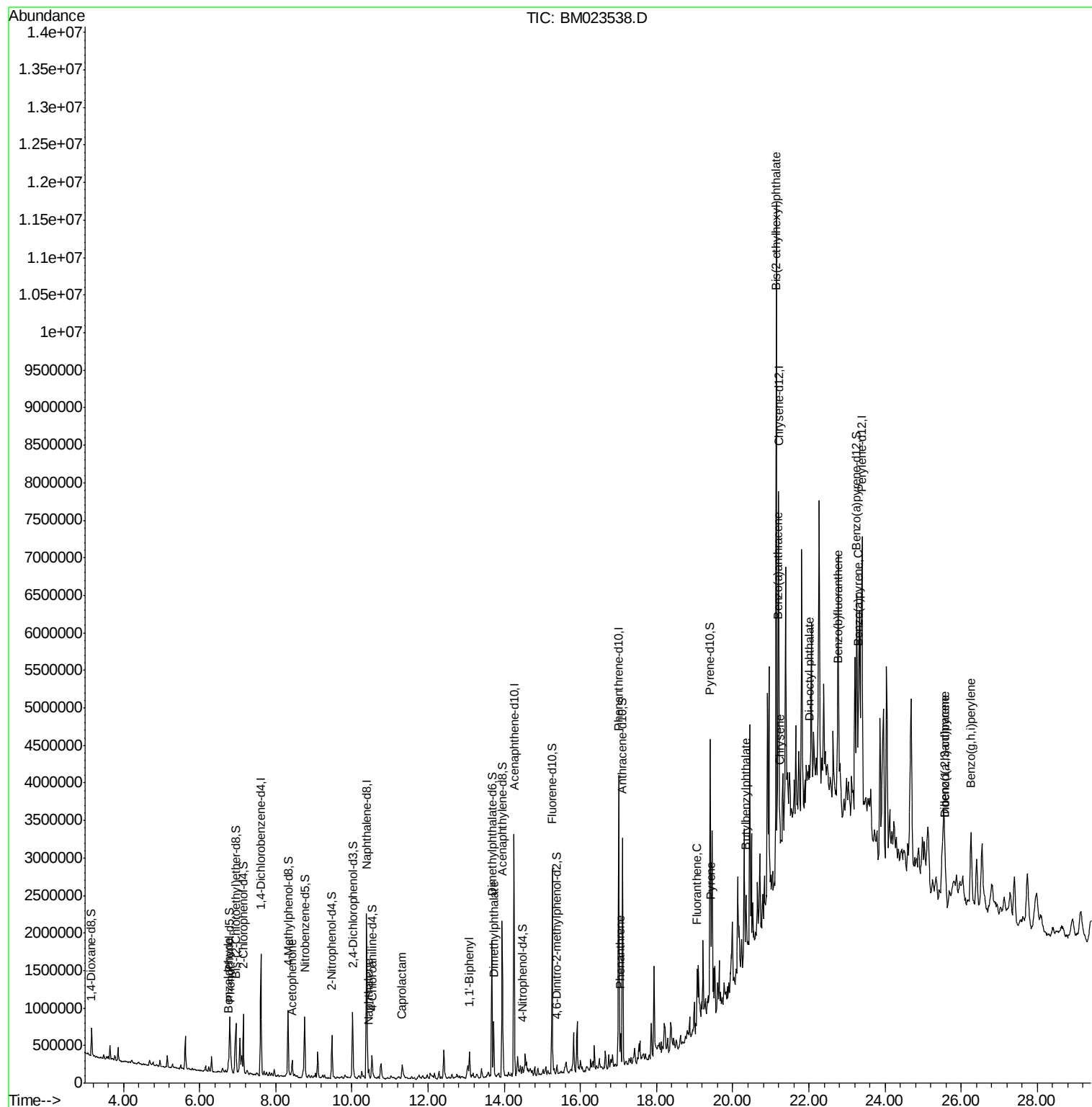
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023538.D
Acq On : 01 Nov 2019 02:16
Operator : JU
Sample : K5433-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

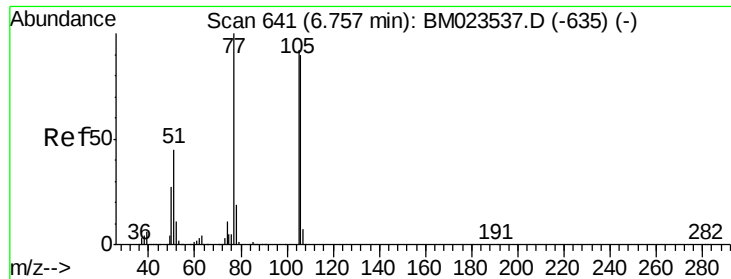
Instrument :
BNA_M
ClientSampleId :
JLNG1

Quant Time: Nov 01 15:05:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 08:19:37 2019
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 2.726 ng/ul

RT: 6.76 min Scan# 642

Delta R.T. 0.01 min

Lab File: BM023538.D

Acq: 01 Nov 2019 02:16

Instrument :

BNA_M

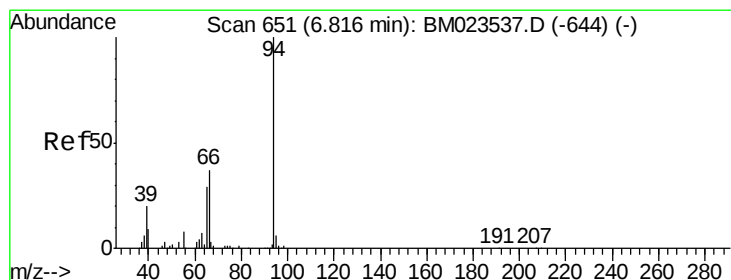
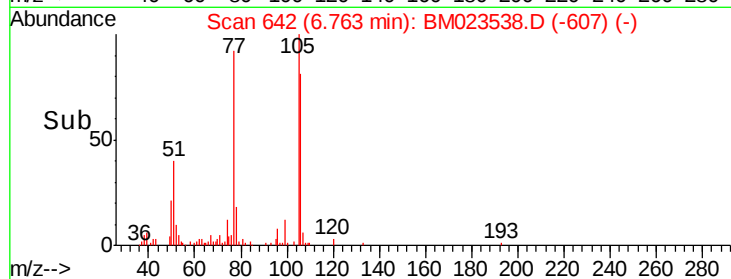
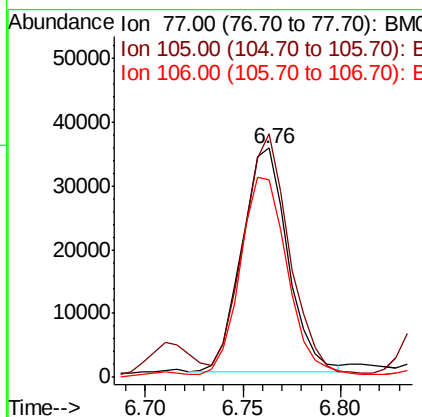
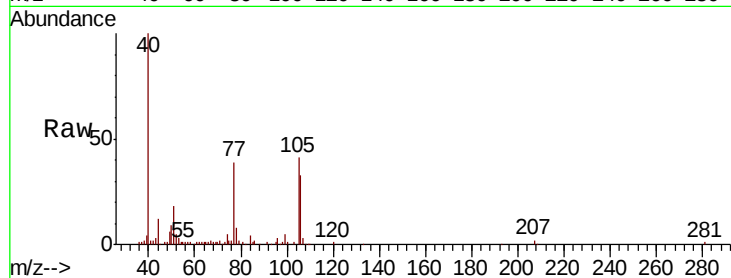
ClientSampled :

JLNG1

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.1	75.4	113.2
106	86.1	71.3	106.9

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#6

Phenol

Concen: 3.715 ng/ul

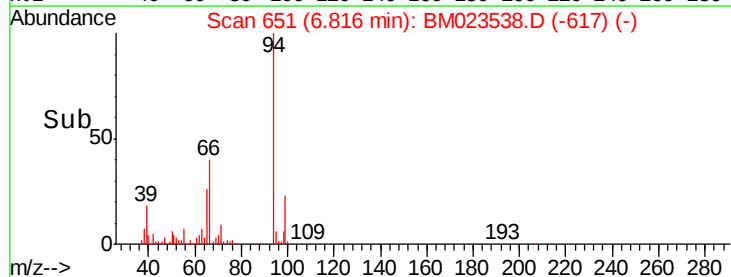
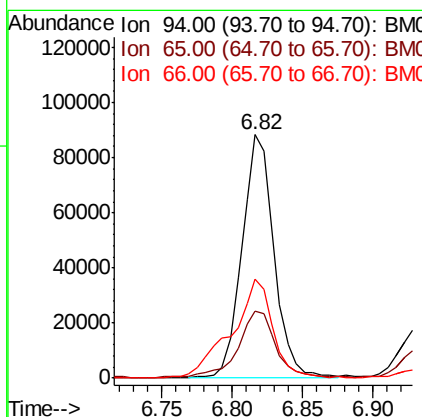
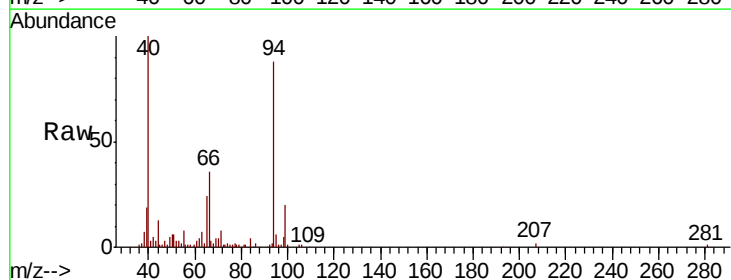
RT: 6.82 min Scan# 651

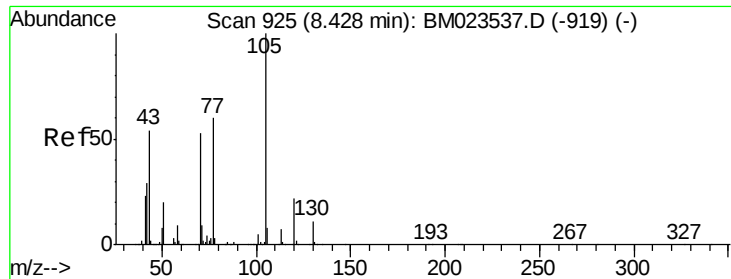
Delta R.T. 0.00 min

Lab File: BM023538.D

Acq: 01 Nov 2019 02:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.6	22.9	34.3
66	40.5	31.4	47.2





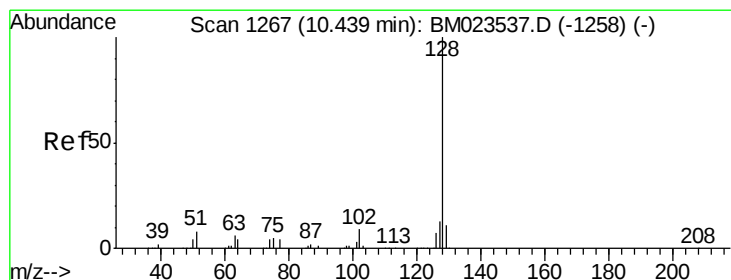
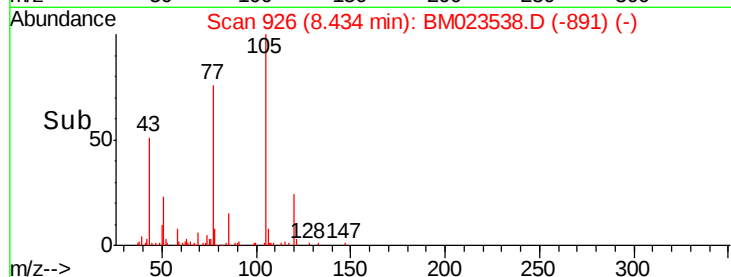
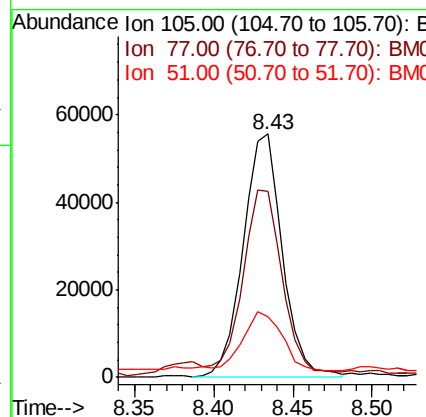
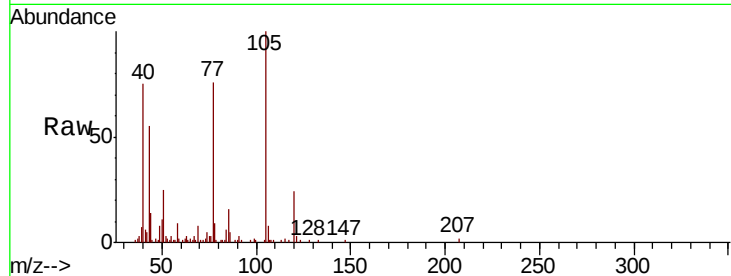
#14
Acetophenone
Concen: 2.049 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. 0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :
JLNG1

Tot Ion:	105	Resp:	95470
Ion Ratio	Lower	Upper	
105	100		
77	76.3	64.8	97.2
51	25.1	21.3	31.9

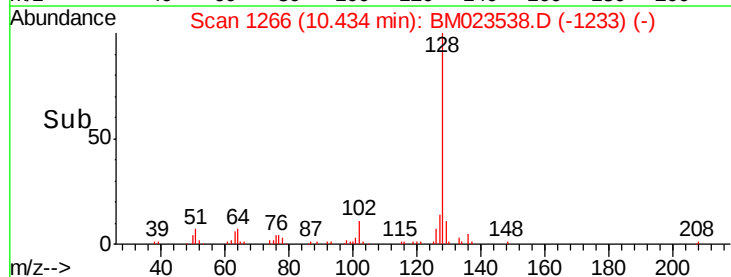
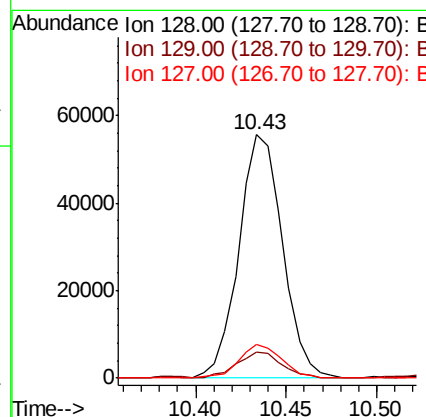
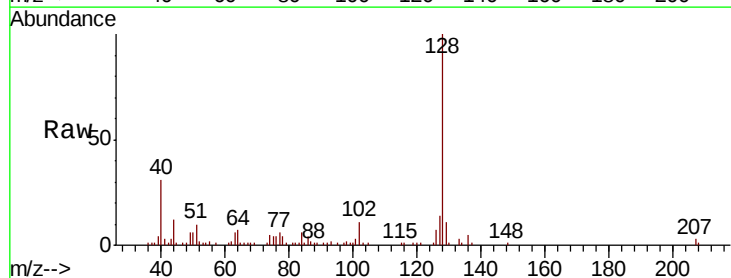
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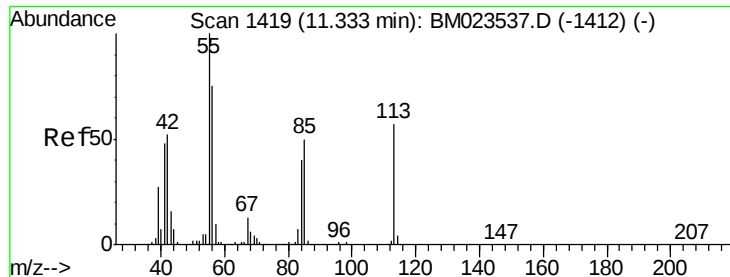
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#28
Naphthalene
Concen: 1.029 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:	128	Resp:	93209
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.8	13.2
127	14.0	10.4	15.6





#32

Caprolactam

Concen: 5.060 ng/ul

RT: 11.32 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BM023538.D

Acq: 01 Nov 2019 02:16

Instrument :

BNA_M

ClientSampleId :

JLNG1

Tot Ion:113 Resp: 44471

Ion Ratio Lower Upper

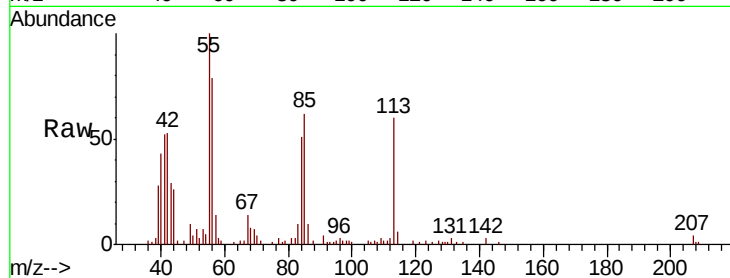
113 100

55 166.6 132.8 199.2

56 132.3 100.6 150.8

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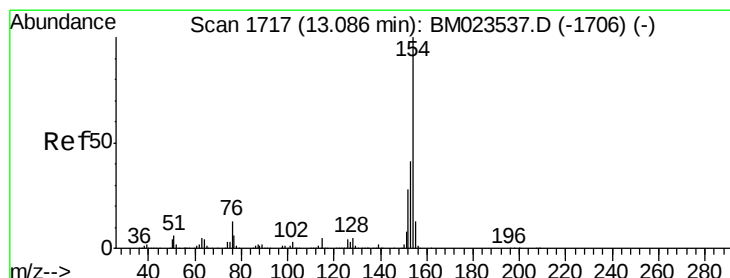
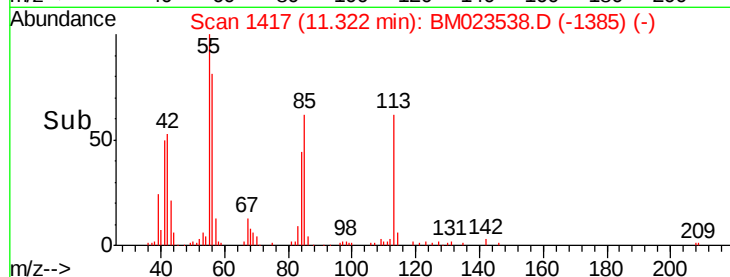
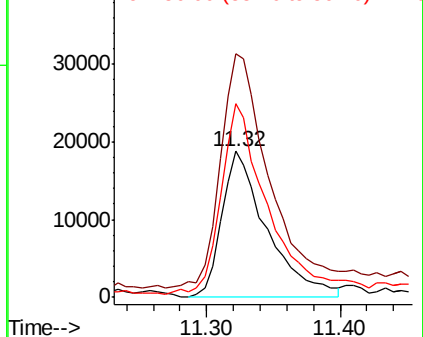
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#41

1,1'-Biphenyl

Concen: 2.139 ng/ul

RT: 13.09 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BM023538.D

Acq: 01 Nov 2019 02:16

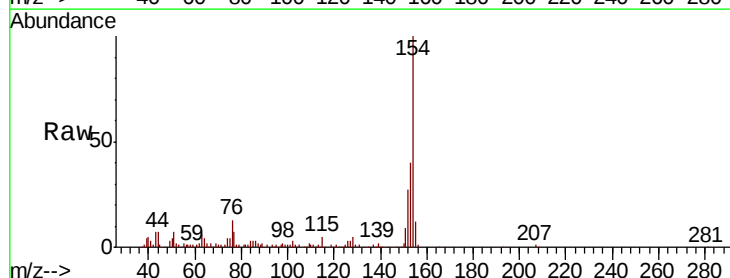
Tgt Ion:154 Resp: 175562

Ion Ratio Lower Upper

154 100

153 40.2 32.6 49.0

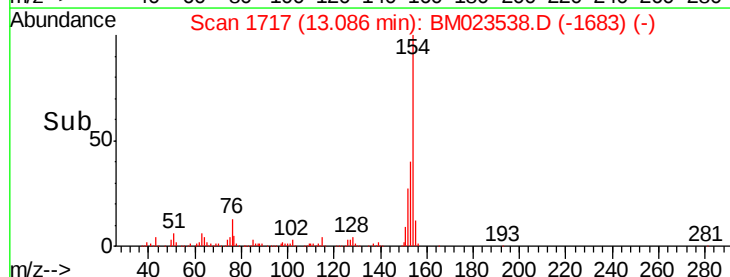
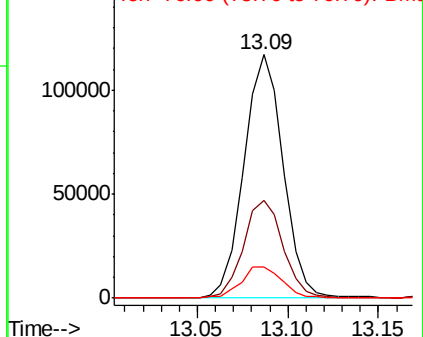
76 12.7 10.2 15.2

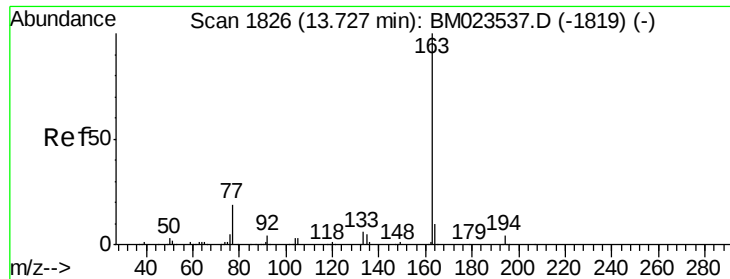


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0





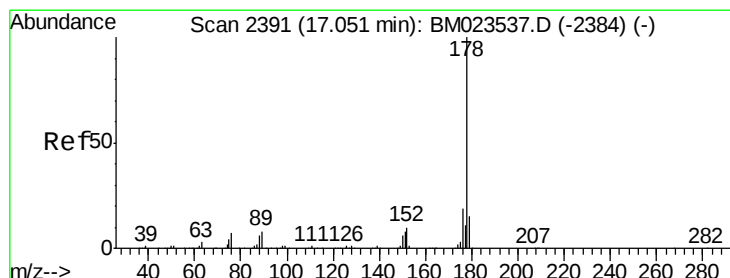
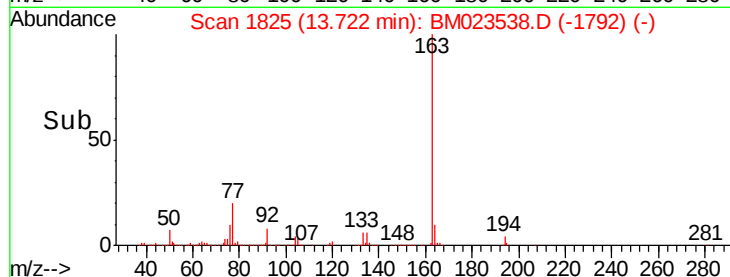
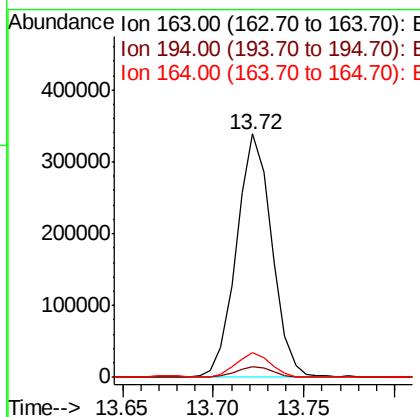
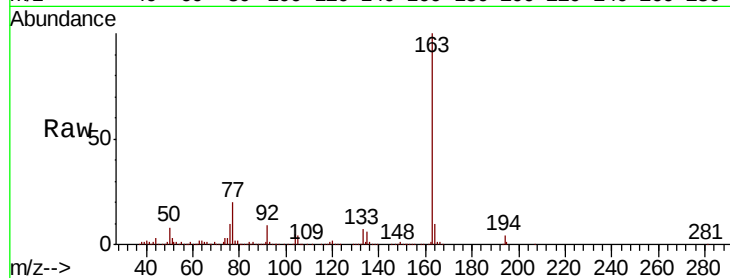
#45
Dimethylphthalate
Concen: 5.696 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :
JLNG1

Tot Ion:163	Resp:	459603
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.3 4.9
164	10.4	7.9 11.9

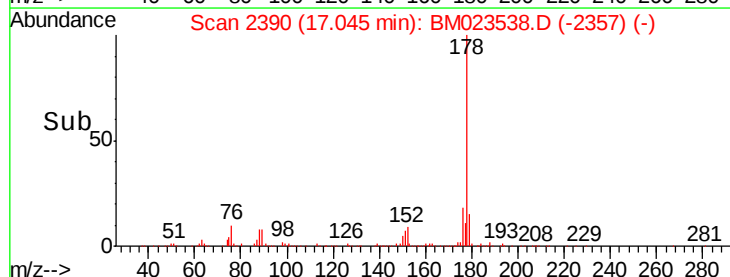
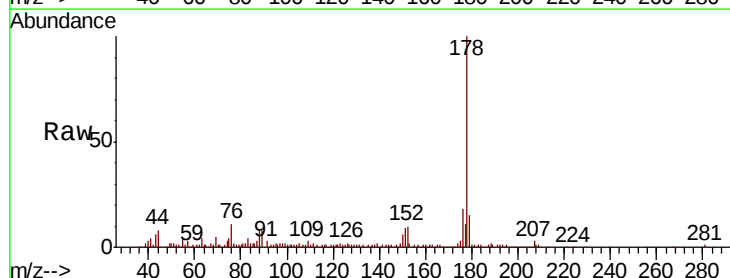
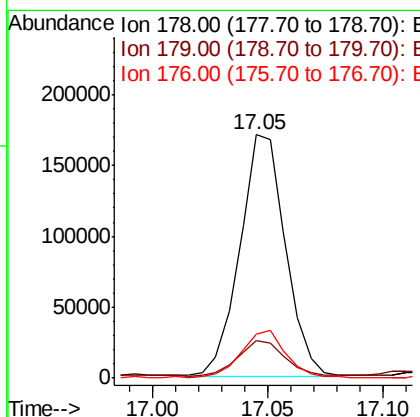
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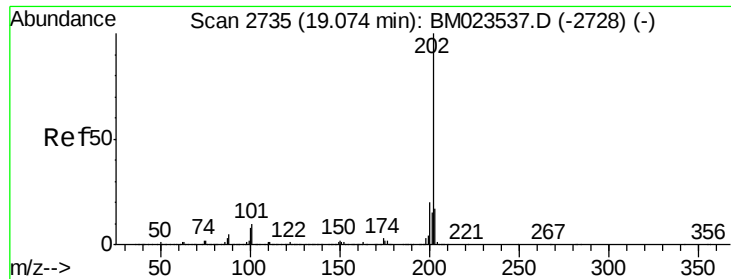
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#70
Phenanthrene
Concen: 1.900 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:178	Resp:	235595
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.2 18.2
176	18.2	14.9 22.3





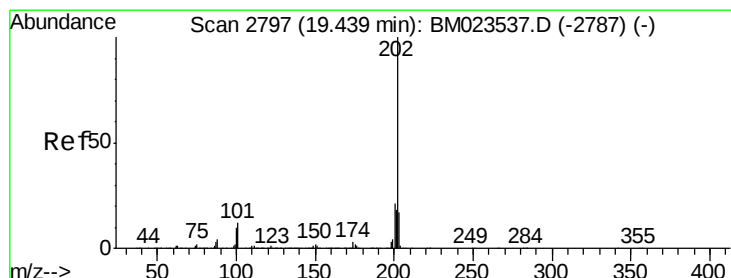
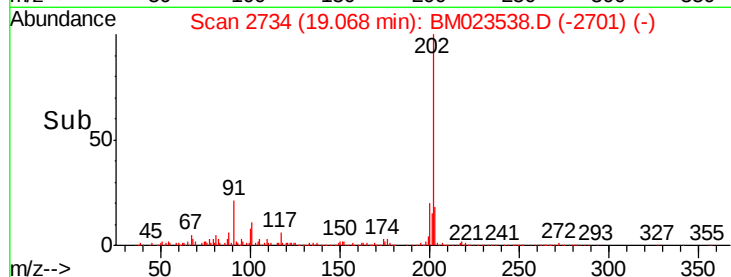
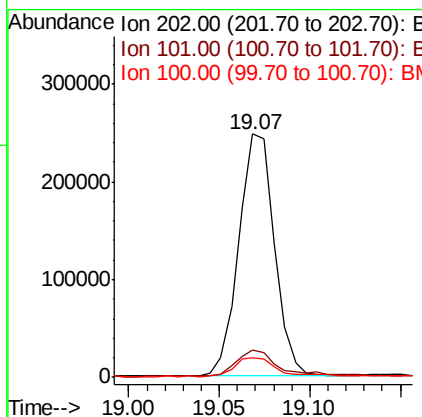
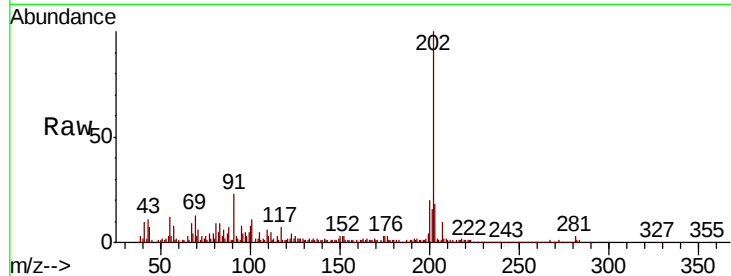
#77
Fluoranthene
 Concen: 2.616 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BM023538.D
 Acq: 01 Nov 2019 02:16

Instrument :
 BNA_M
 ClientSampleId :
 JLNG1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	338442		
101	11.3	8.1	12.1	
100	8.1	6.2	9.2	

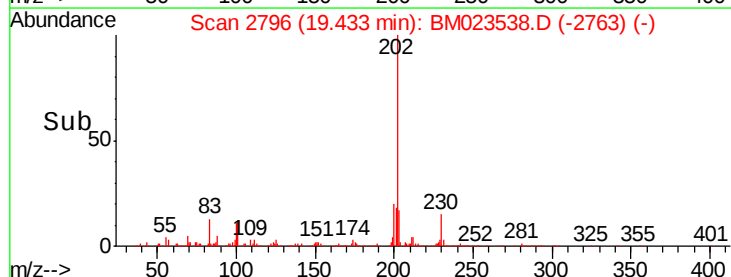
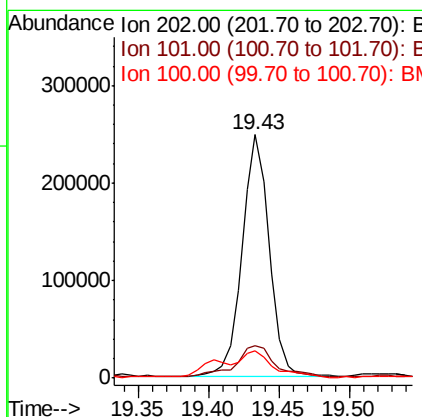
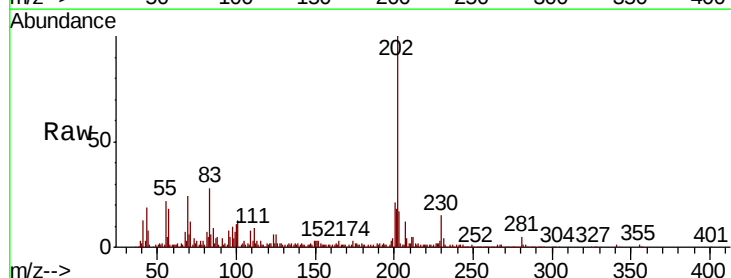
Manual Integrations
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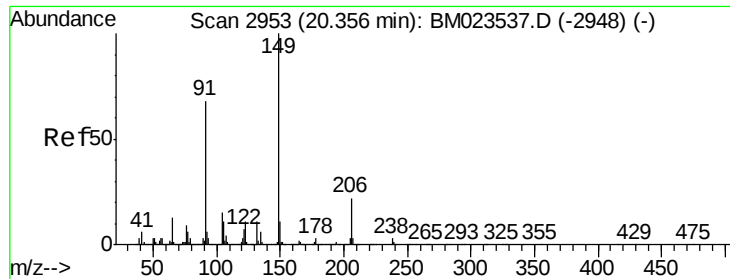
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#80
Pyrene
 Concen: 2.198 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BM023538.D
 Acq: 01 Nov 2019 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	332857		
101	13.3	10.0	15.0	
100	11.1	8.3	12.5	





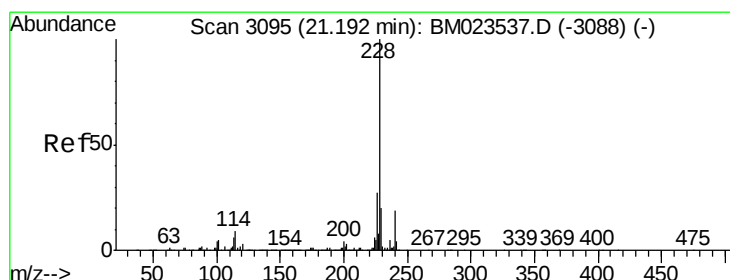
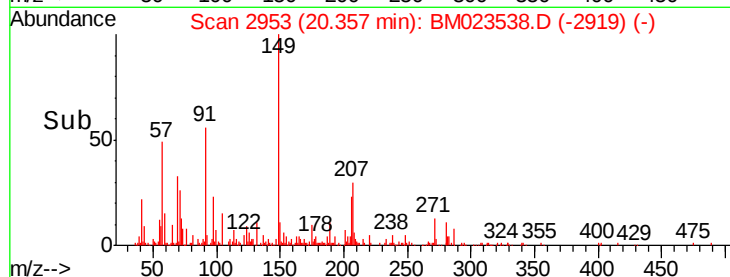
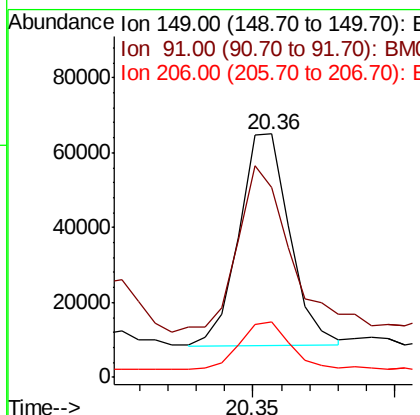
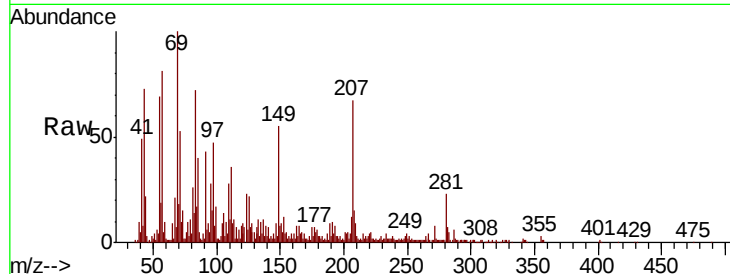
#81
Butylbenzylphthalate
Concen: 1.142 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :
JLNG1

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.2	54.2	81.2
206	22.7	17.7	26.5

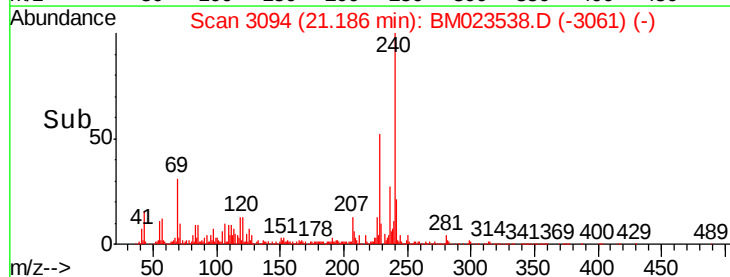
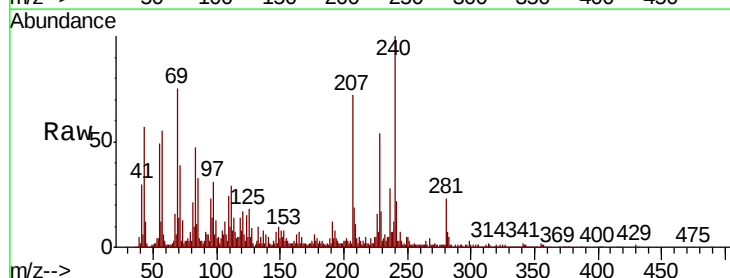
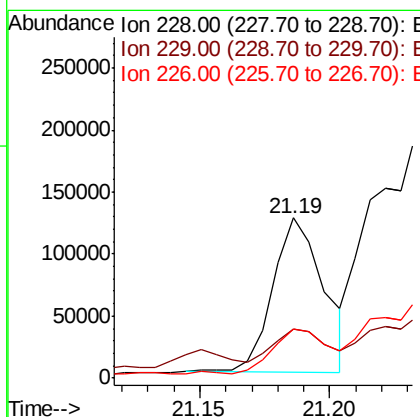
Manual Integrations
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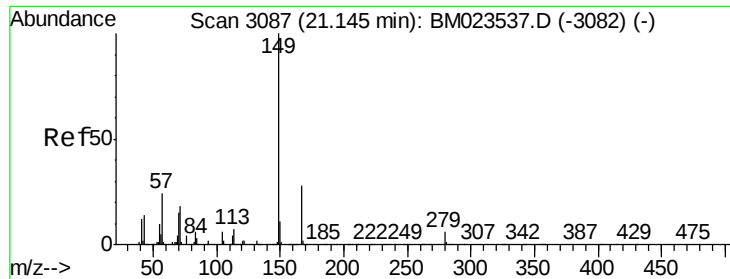
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#83
Benzo(a)anthracene
Concen: 1.179 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	30.8	15.8	23.8#
226	30.4	21.6	32.4





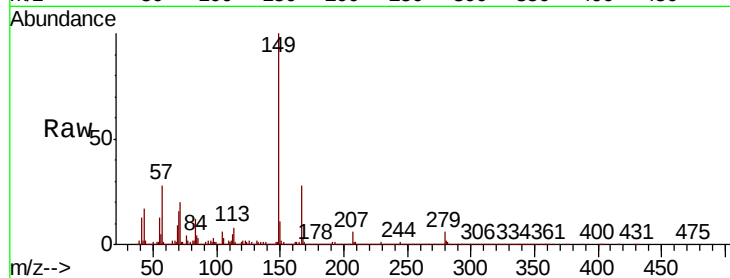
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 Bis(2-ethylhexyl)phthalate
 Concen: 35.472 ng/ul
 RT: 21.14 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BM023538.D
 Acq: 01 Nov 2019 02:16

Instrument :
 BNA_M
 ClientSampleId :
 JLNG1

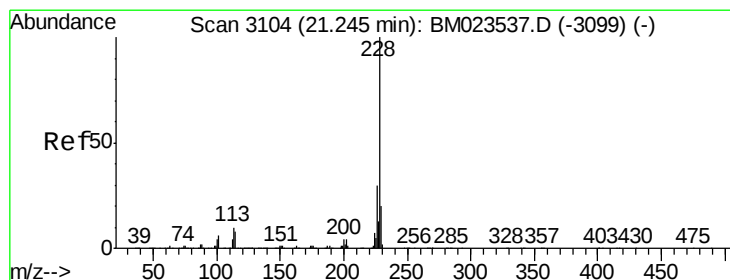
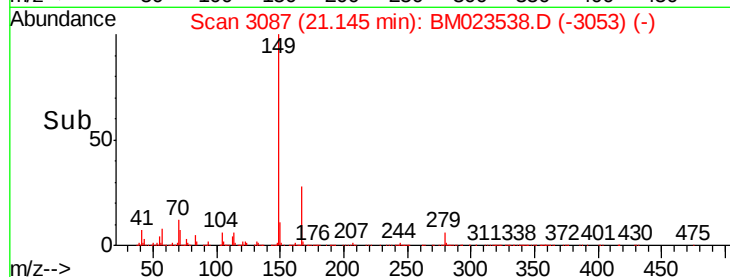
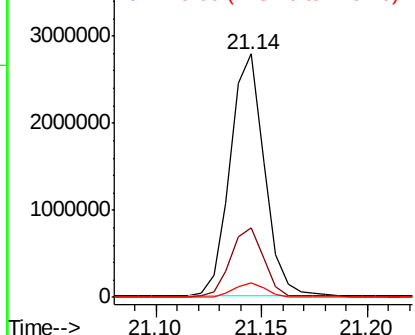
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	5.9	4.1	6.1

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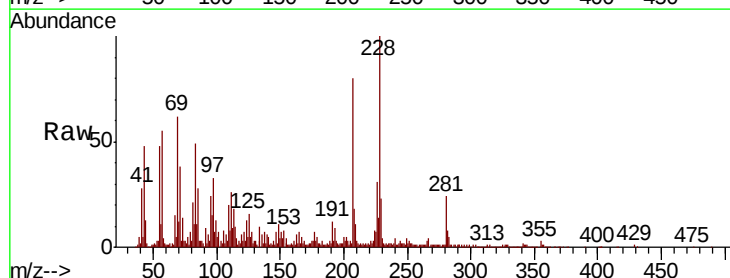


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

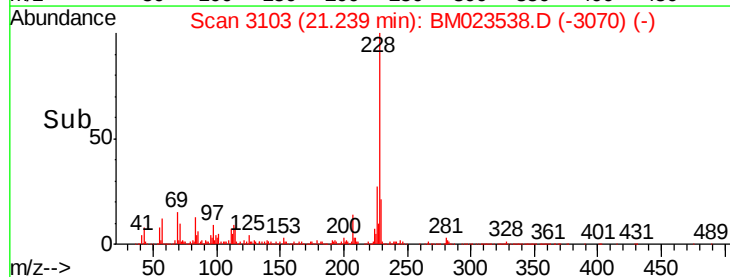
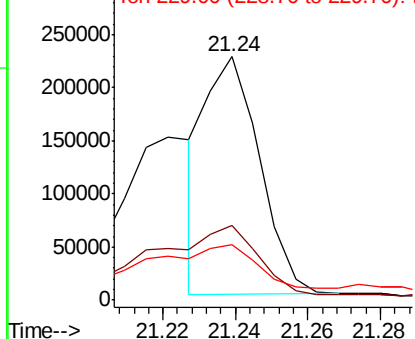


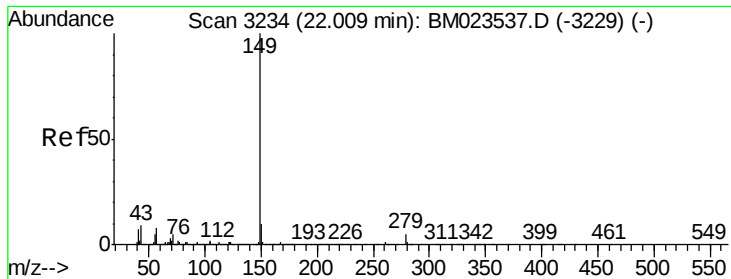
#85
 Chrysene
 Concen: 1.738 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM023538.D
 Acq: 01 Nov 2019 02:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	22.9	16.0	24.0



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





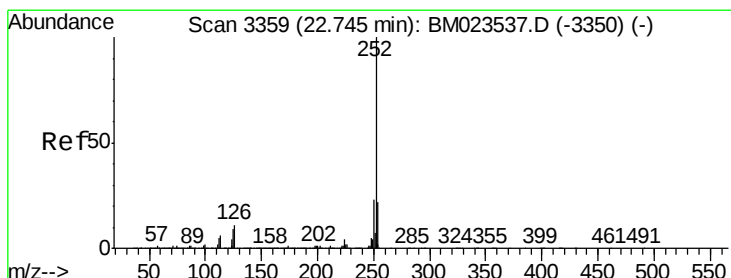
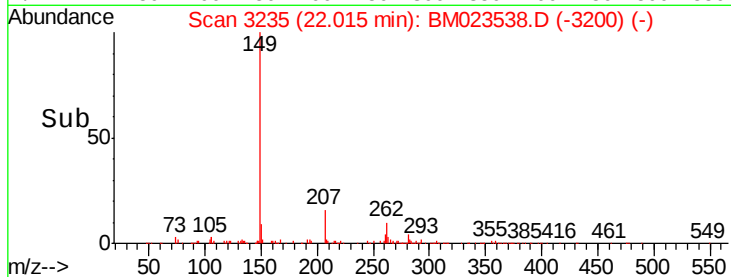
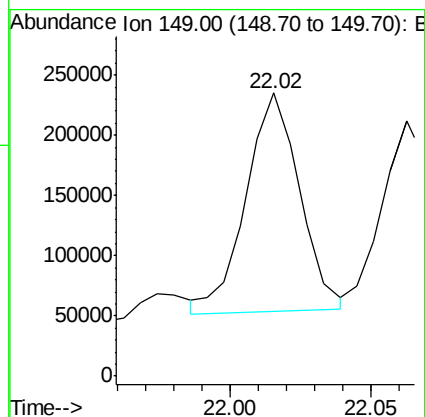
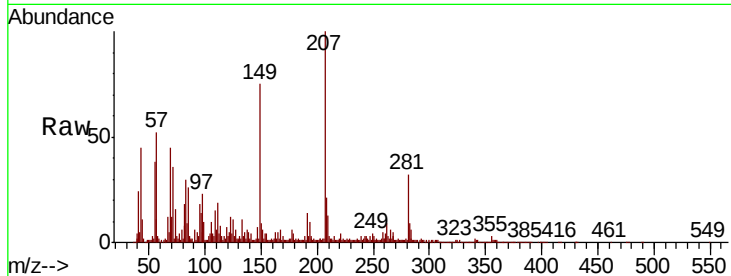
#87
Di-n-octyl phthalate
Concen: 1.566 ng/ul
RT: 22.02 min Scan# 3235
Delta R.T. 0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampled :
JLNG1

Tgt Ion:149 Resp: 239730

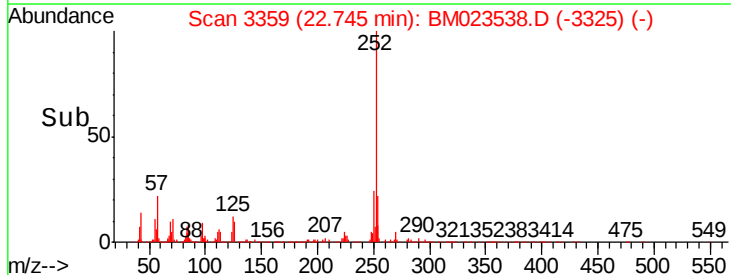
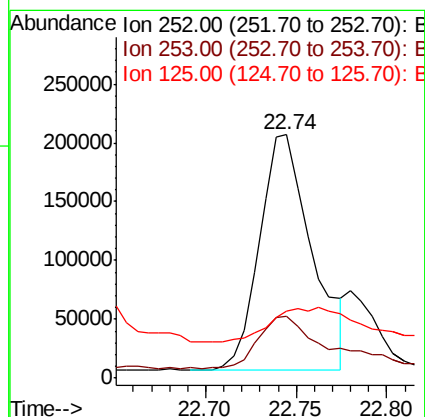
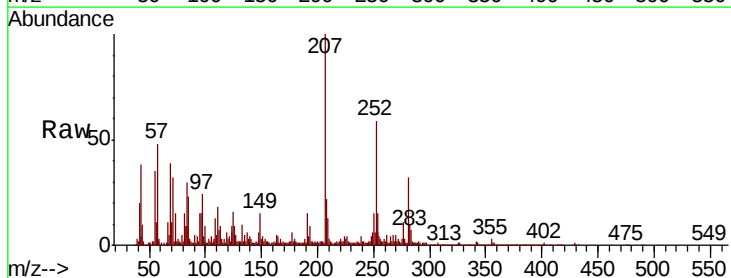
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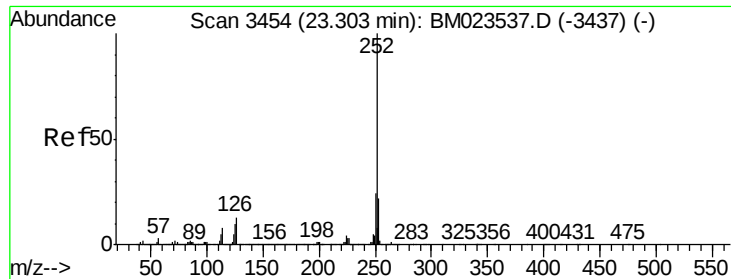
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#88
Benzo(b)fluoranthene
Concen: 2.427 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion:252 Resp: 405768
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 27.5 7.1 10.7#





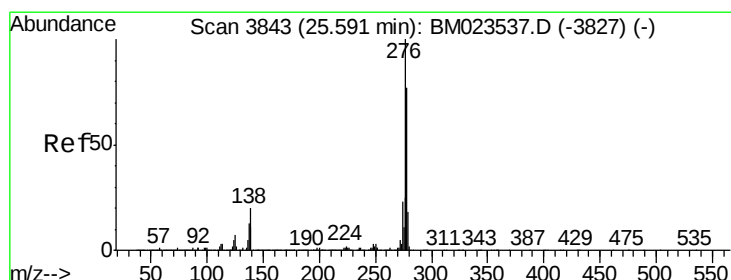
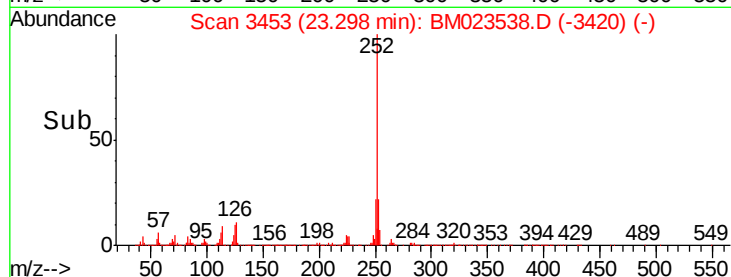
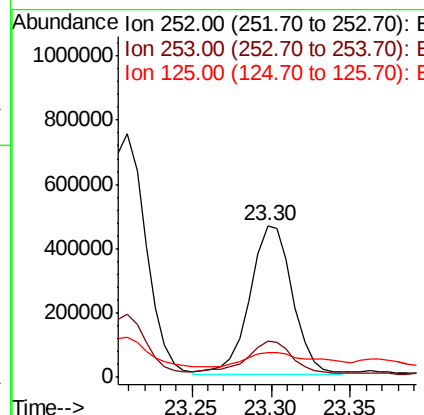
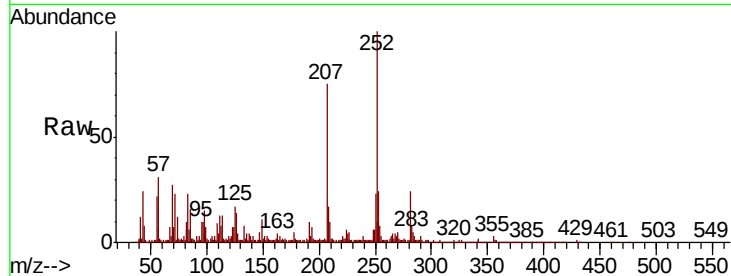
#91
Benzo(a)pyrene
Concen: 5.757 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampleId :
JLNG1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	16.6	7.5	11.3#

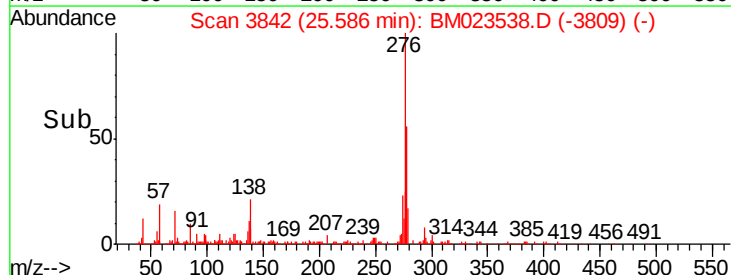
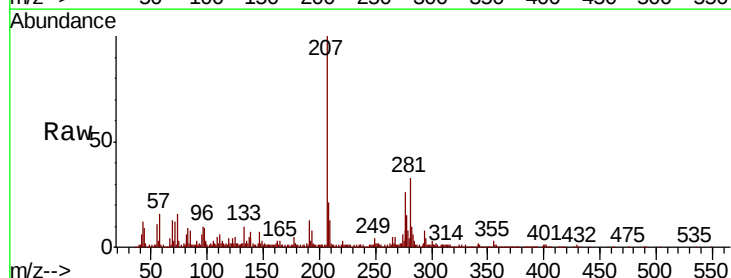
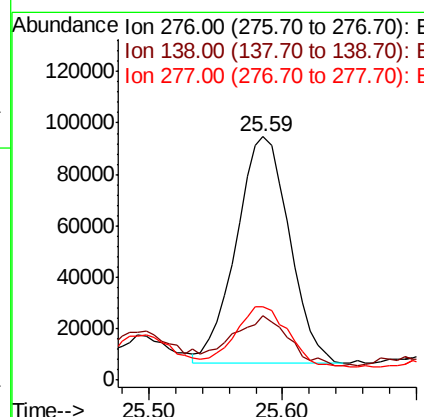
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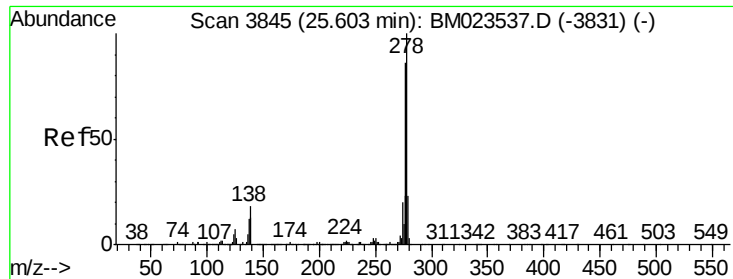
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.483 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.7	23.5#
277	30.0	20.2	30.2





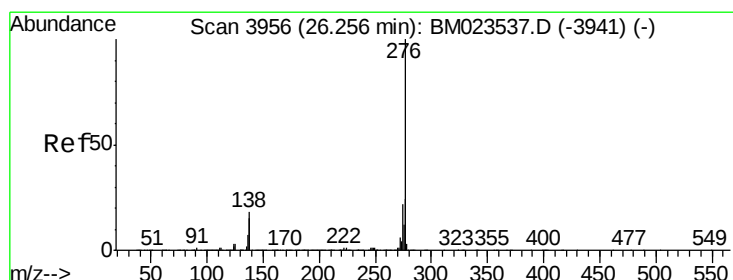
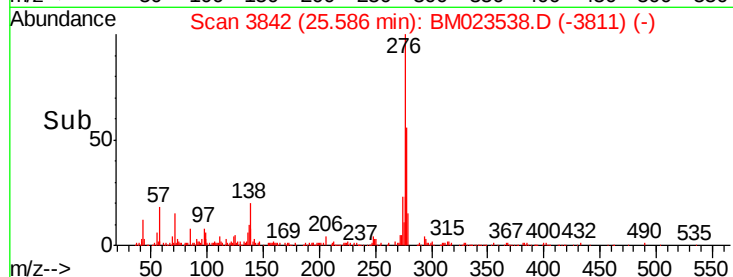
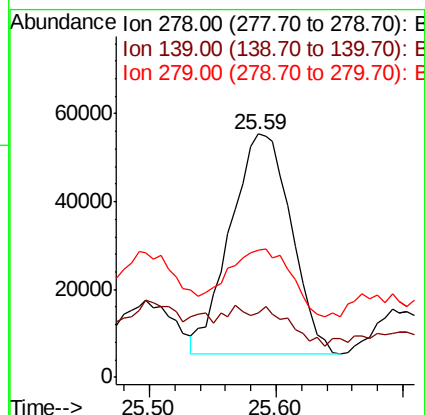
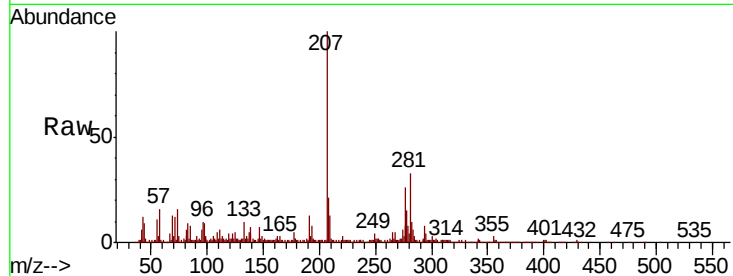
#93
Dibenzo(a,h)anthracene
Concen: 1.209 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Instrument :
BNA_M
ClientSampled :
JLNG1

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.3	10.9	16.3#
279	52.4	18.7	28.1#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 8.955 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. 0.00 min
Lab File: BM023538.D
Acq: 01 Nov 2019 02:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.4	21.6
277	24.3	19.0	28.6

