

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005928.D
 Acq On : 29 May 2019 13:53
 Operator : JU/SJ
 Sample : K2928-08MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C3MS

Manual Integrations
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Quant Time: May 29 14:38:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	438885	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2009988	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1169559	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2648433	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2623335	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	2759452	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	27992	2.81	ng/uL	0.00
5) Phenol-d5	6.89	99	483259	12.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	340289	15.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	406375	13.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	288350	9.18	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	206878m	16.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	202977	16.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	380835	13.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	443952	11.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1393606	16.16	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1612660	14.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	169635	10.81	ng/ul	0.00
57) Fluorene-d10	15.36	176	1171603	16.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	109923	10.18	ng/ul	0.00
70) Anthracene-d10	17.22	188	1687961	14.98	ng/ul	0.00
78) Pyrene-d10	19.52	212	1986714	15.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1873338	15.21	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	6.92	94	547561	13.661	ng/ul	91
10) 2-Chlorophenol	7.29	128	431410	14.321	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.53	70	384606	15.180	ng/ul#	86
33) 4-Chloro-3-methylphenol	11.79	107	442362	13.063	ng/ul	94
44) Dimethylphthalate	13.83	163	446750	5.184	ng/ul	100
49) Acenaphthene	14.43	153	1173350	16.331	ng/ul	99
52) 4-Nitrophenol	14.57	109	159532	12.971	ng/ul	85
54) 2,4-Dinitrotoluene	14.73	165	387343	17.493	ng/ul#	94
68) Pentachlorophenol	16.77	266	207632	13.355	ng/ul	97
69) Phenanthrene	17.16	178	467994	3.566	ng/ul	100
76) Fluoranthene	19.19	202	649079	4.634	ng/ul#	94
79) Pyrene	19.56	202	3236433	19.476	ng/ul#	94
82) Benzo(a)anthracene	21.32	228	412999	2.504	ng/ul#	87
84) Chrysene	21.37	228	588680	3.827	ng/ul#	94
87) Benzo(b)fluoranthene	22.93	252	519513	3.352	ng/ul#	96
88) Benzo(k)fluoranthene	22.97	252	173487m	1.217	ng/ul	
90) Benzo(a)pyrene	23.52	252	326348	2.233	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.89	276	178466	1.041	ng/ul#	90

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

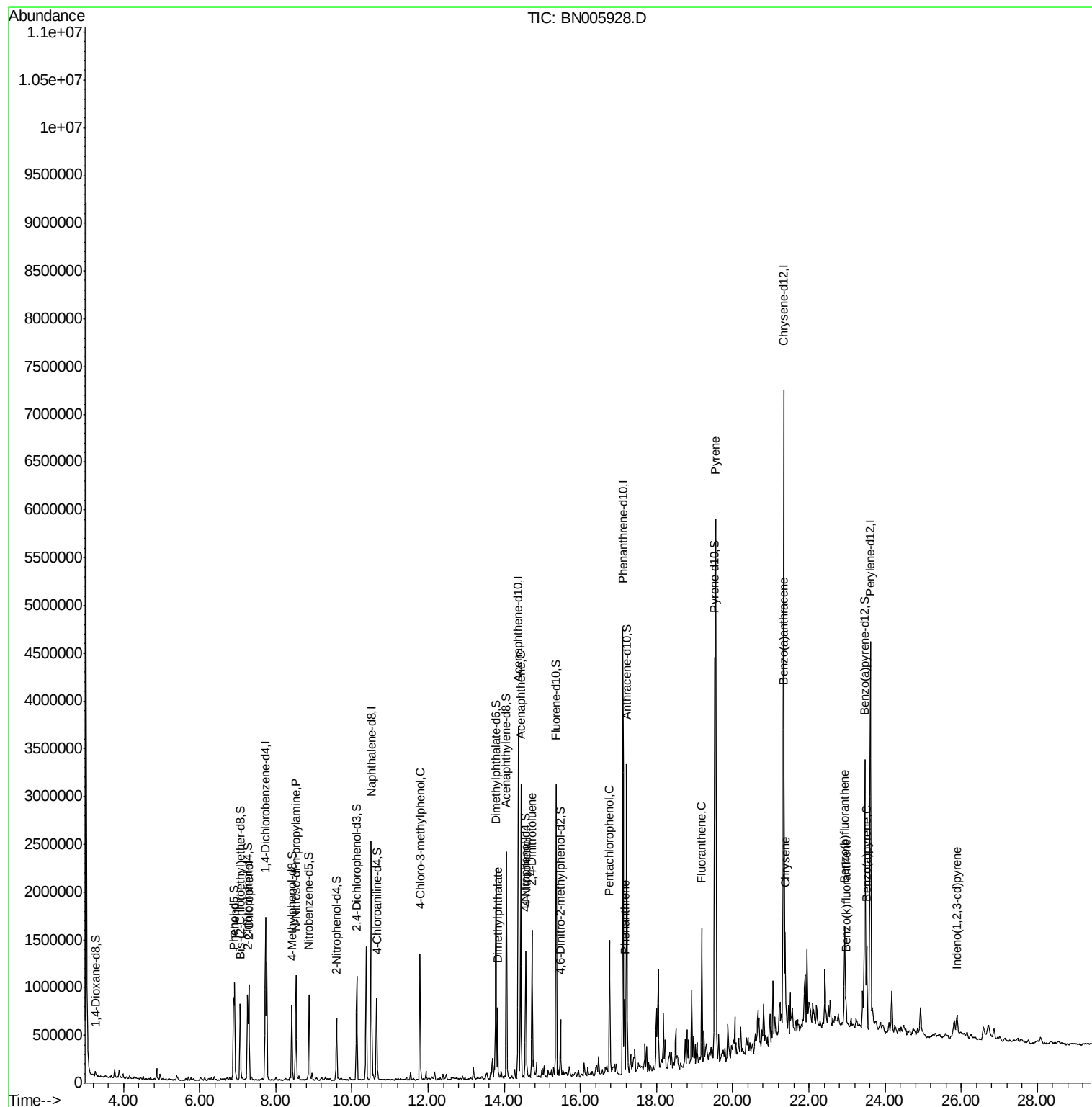
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005928.D
Acq On : 29 May 2019 13:53
Operator : JU/SJ
Sample : K2928-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

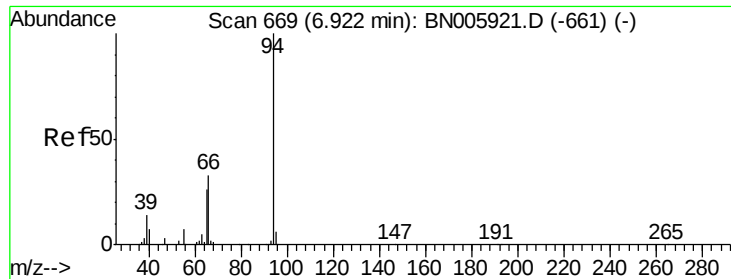
Instrument :
BNA_N
ClientSampleId :
A42C3MS

Quant Time: May 29 14:38:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

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#6

Phenol

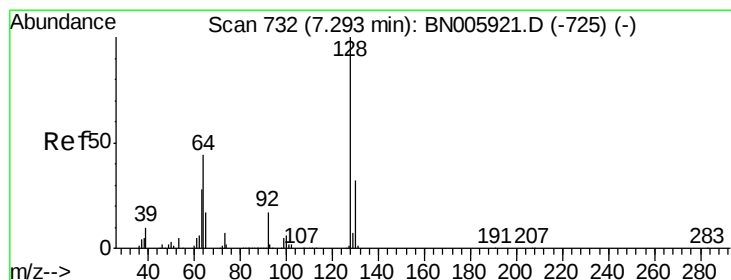
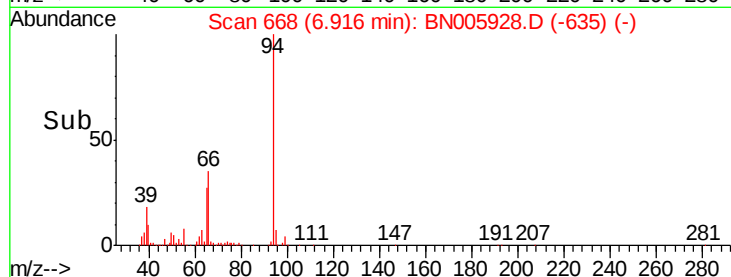
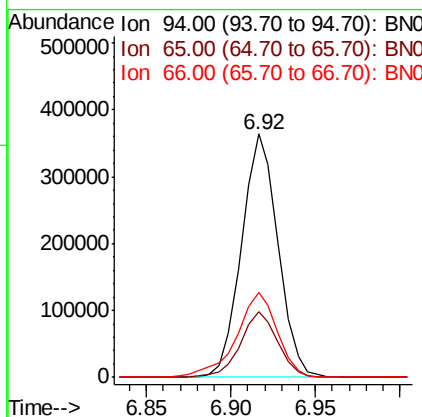
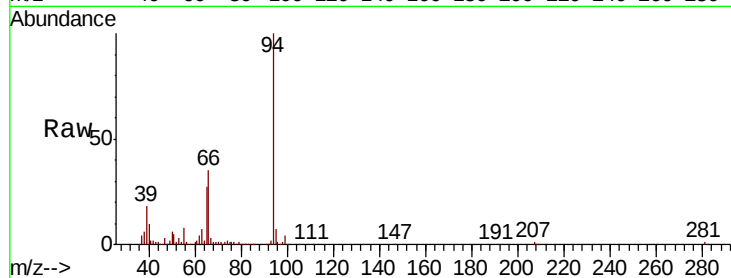
Concen: 13.661 ng/ul
 RT: 6.92 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BN005928.D
 Acq: 29 May 2019 13:53

Instrument :
 BNA_N
 ClientSampleId :
 A42C3MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	26.9	24.2	36.4
66	34.9	33.8	50.6

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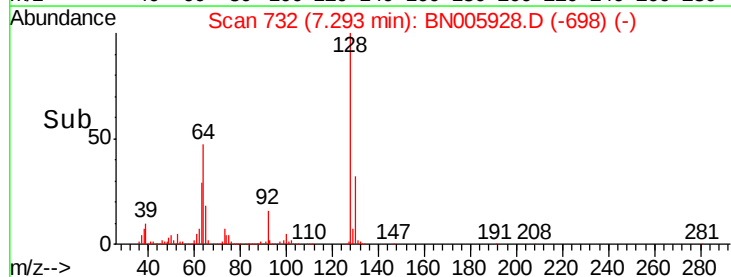
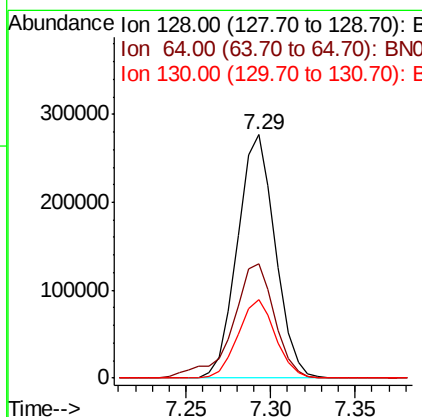
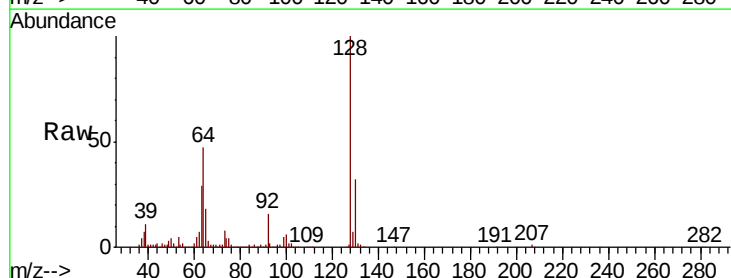


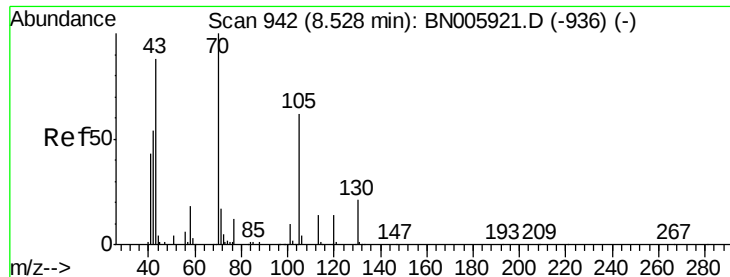
#10

2-Chlorophenol

Concen: 14.321 ng/ul
 RT: 7.29 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BN005928.D
 Acq: 29 May 2019 13:53

Tgt Ion	Ratio	Lower	Upper
128	100		
64	47.0	42.3	63.5
130	32.4	26.5	39.7





#15

N-Nitroso-di-n-propylamine

Concen: 15.180 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BN005928.D

Acq: 29 May 2019 13:53

Instrument :

BNA_N

ClientSampleId :

A42C3MS

Tot Ion: 70 Resp: 384606

Ion Ratio Lower Upper

70 100

42 52.9 53.8 80.8#

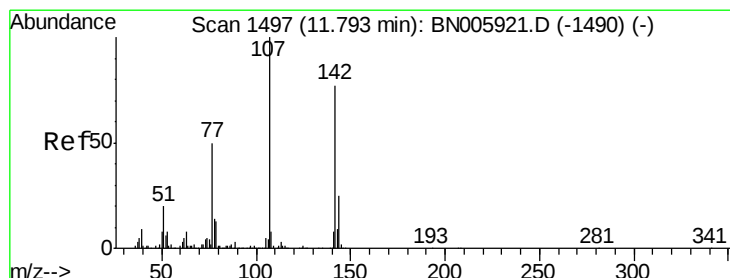
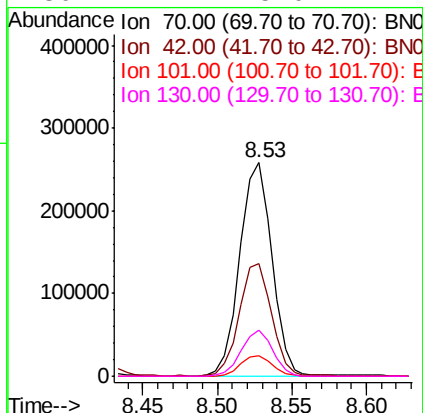
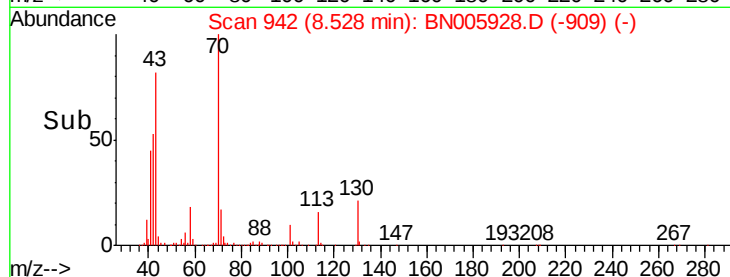
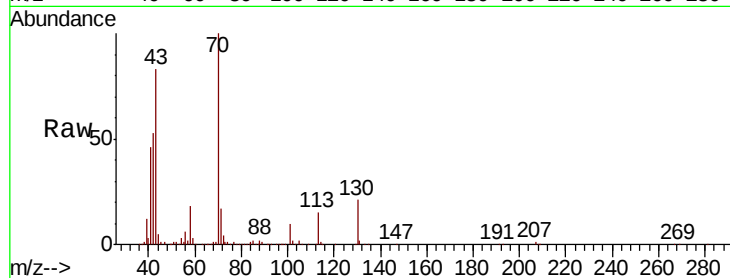
101 9.6 7.7 11.5

130 21.4 15.0 22.4

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#33

4-Chloro-3-methylphenol

Concen: 13.063 ng/ul

RT: 11.79 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BN005928.D

Acq: 29 May 2019 13:53

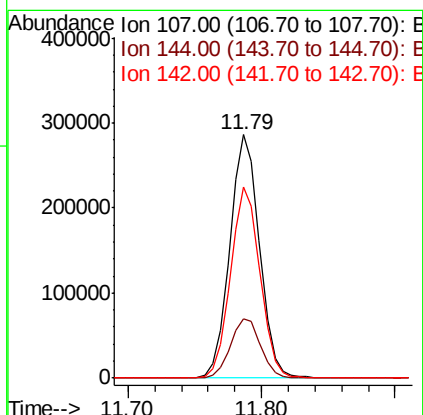
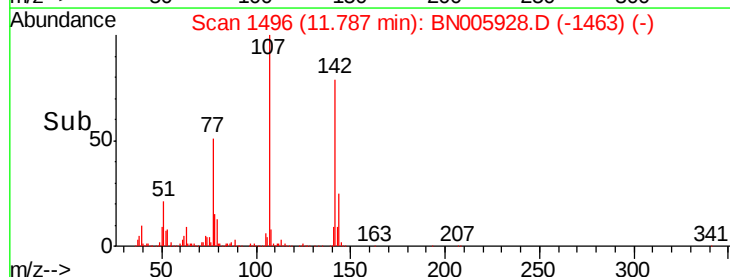
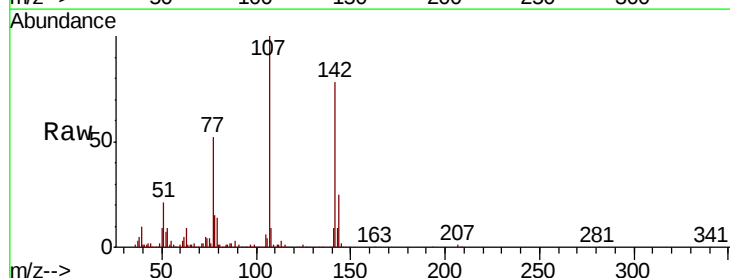
Tgt Ion: 107 Resp: 442362

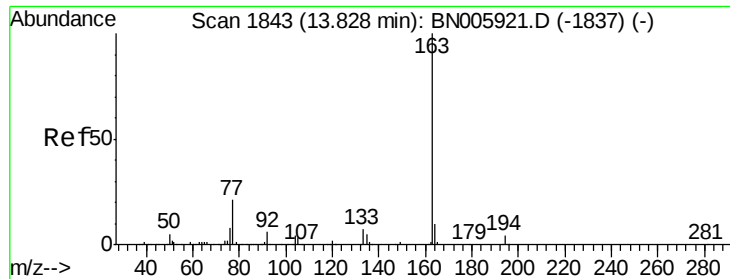
Ion Ratio Lower Upper

107 100

144 24.5 19.4 29.0

142 78.4 57.7 86.5





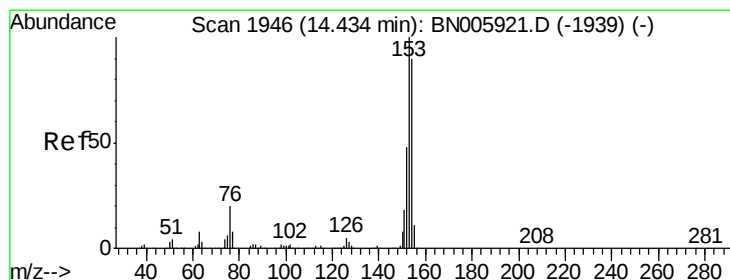
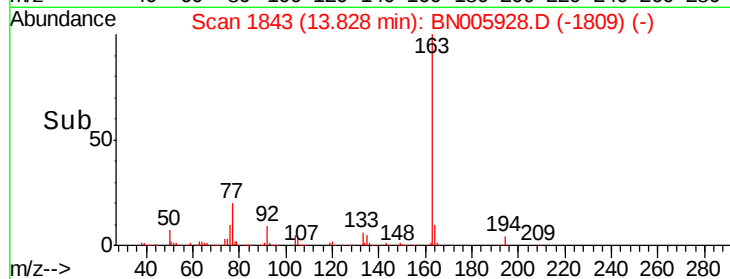
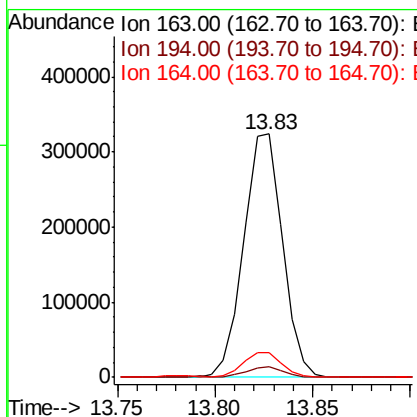
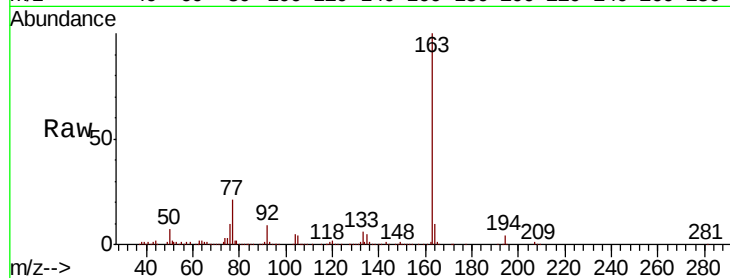
#44
Dimethylphthalate
Concen: 5.184 ng/ul
RT: 13.83 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Instrument :
BNA_N
ClientSampleId :
A42C3MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	446750		
194	4.3		3.4	5.0
164	10.1		8.1	12.1

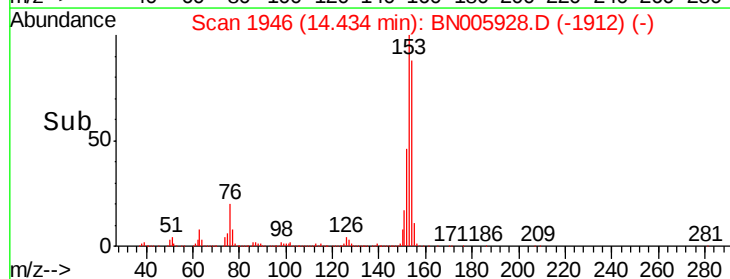
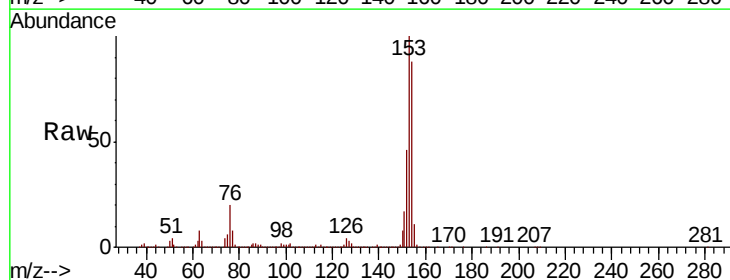
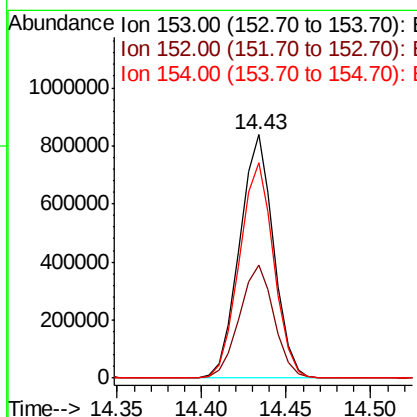
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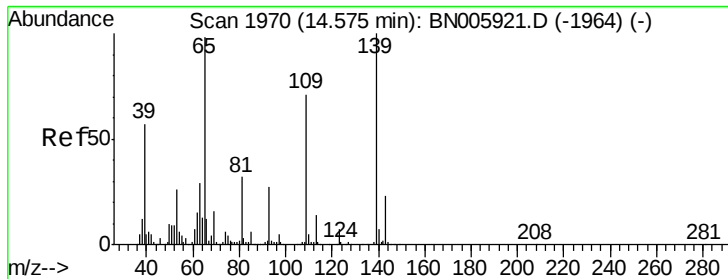
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#49
Acenaphthene
Concen: 16.331 ng/ul
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1173350		
152	46.3		37.4	56.0
154	88.5		71.2	106.8





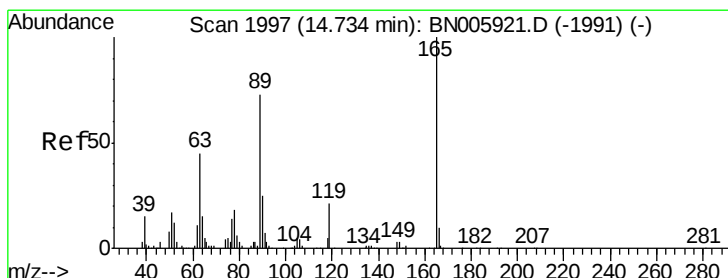
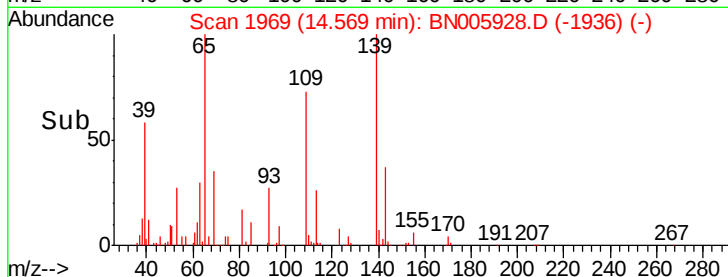
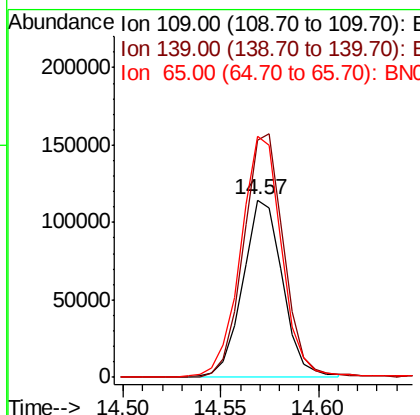
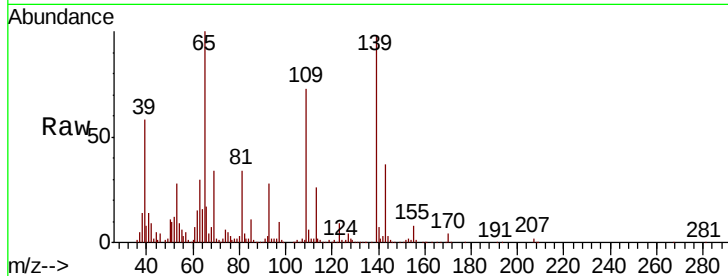
#52
4-Nitrophenol
Concen: 12.971 ng/ul
RT: 14.57 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Instrument :
BNA_N
ClientSampleId :
A42C3MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100	159532		
139	133.8	92.3	138.5	
65	136.1	97.5	146.3	

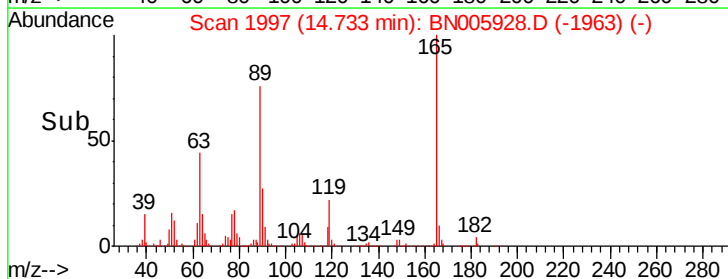
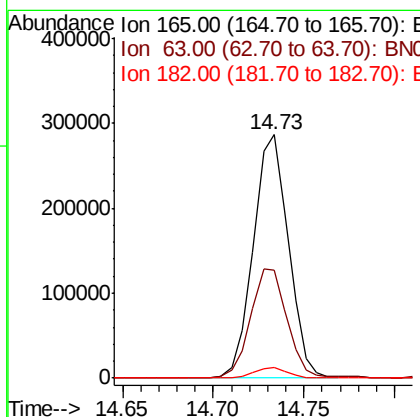
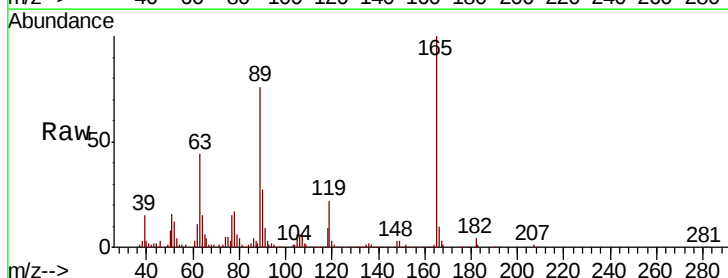
Manual Integrations
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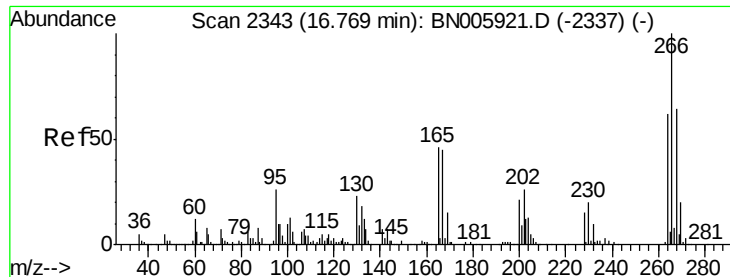
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#54
2,4-Dinitrotoluene
Concen: 17.493 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	387343		
63	44.3	38.9	58.3	
182	4.3	2.6	3.8#	





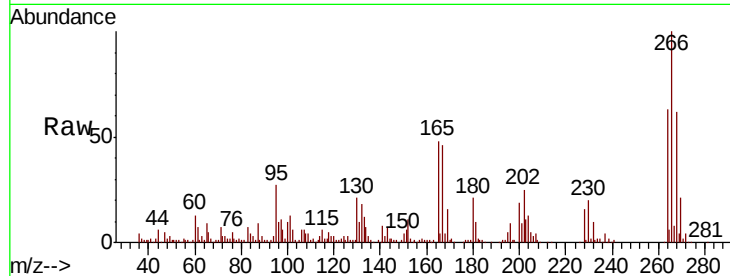
#68
 Pentachlorophenol
 Concen: 13.355 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BN005928.D
 Acq: 29 May 2019 13:53

Instrument :
 BNA_N
 ClientSampleId :
 A42C3MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.7	74.5
268	61.9	52.4	78.6

Manual Integrations
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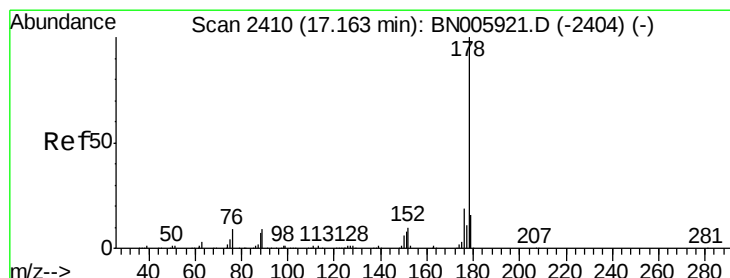
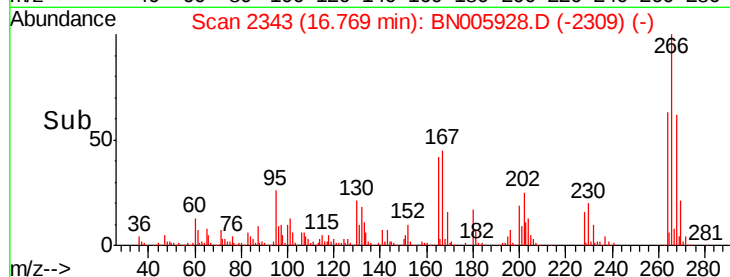
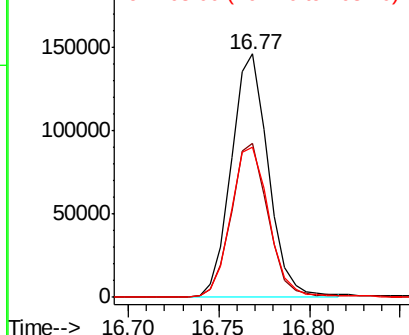


Abundance

Ion 265.70 (265.40 to 266.40): E

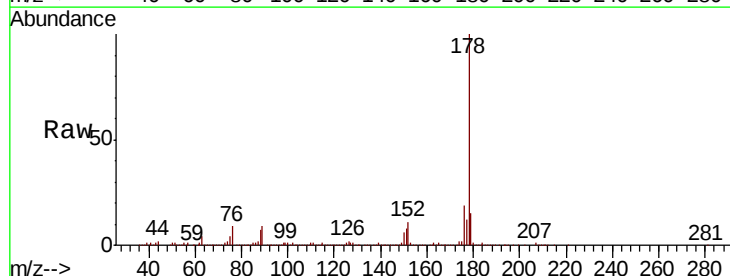
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 3.566 ng/ul
 RT: 17.16 min Scan# 2410
 Delta R.T. 0.01 min
 Lab File: BN005928.D
 Acq: 29 May 2019 13:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.7	15.1	22.7

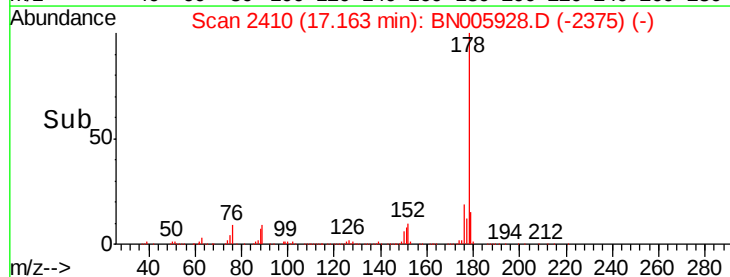
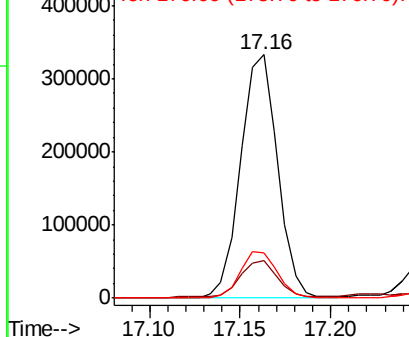


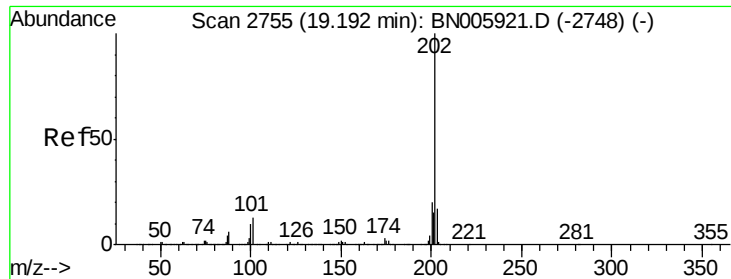
Abundance

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





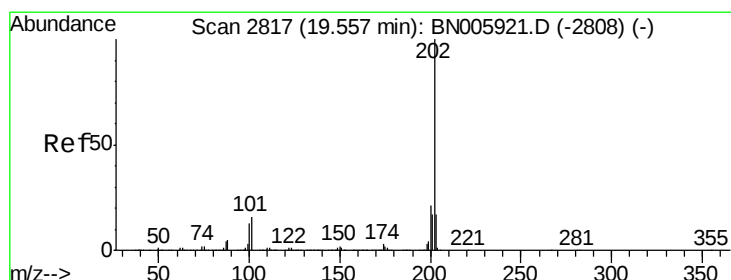
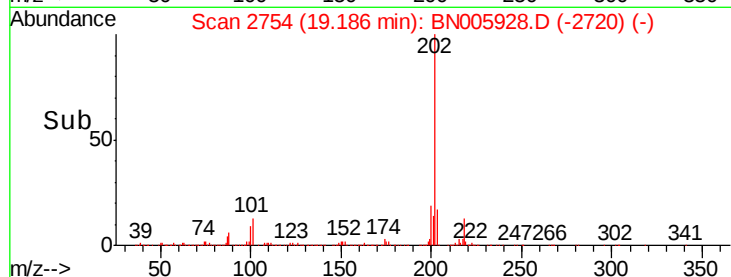
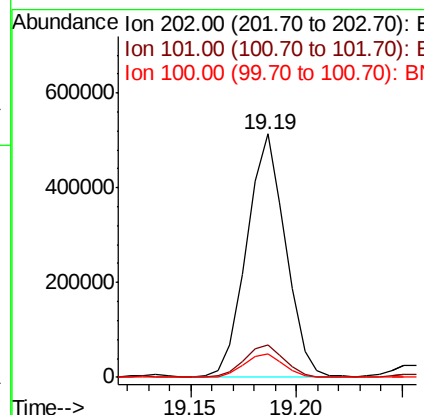
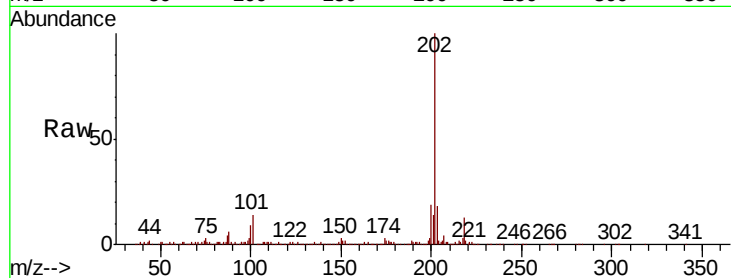
#76
Fluoranthene
Concen: 4.634 ng/ul
RT: 19.19 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Instrument :
BNA_N
ClientSampleId :
A42C3MS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	8.6	12.8#
100	9.5	6.3	9.5

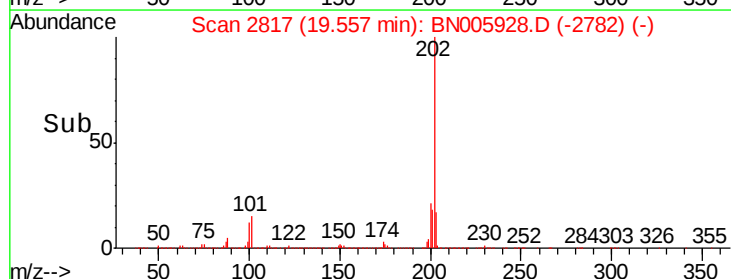
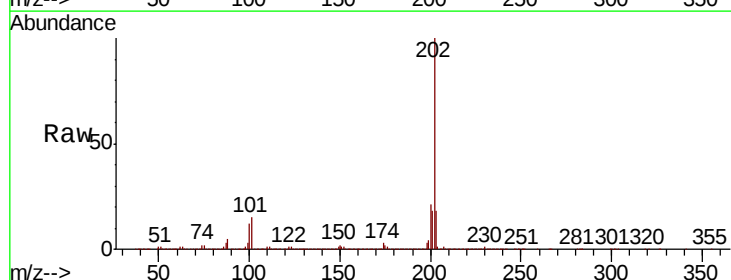
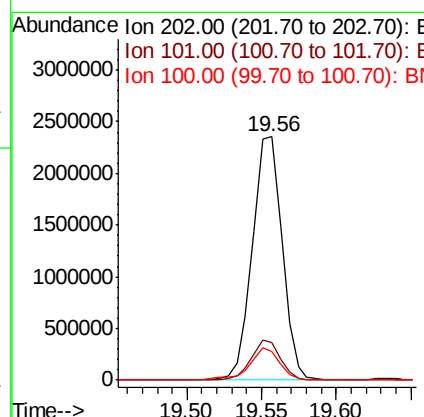
Manual Integrations
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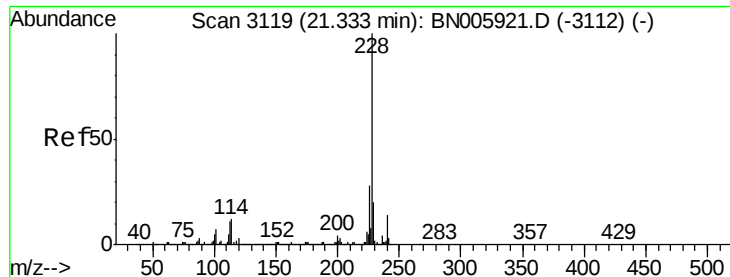
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#79
Pyrene
Concen: 19.476 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. 0.01 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.2	10.3	15.5
100	12.0	7.9	11.9#





#82

Benzo(a)anthracene

Concen: 2.504 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN005928.D

Acq: 29 May 2019 13:53

Instrument :

BNA_N

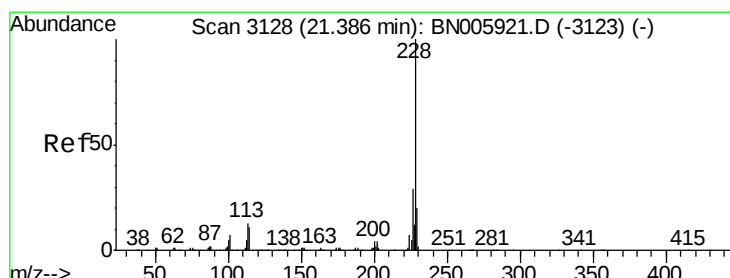
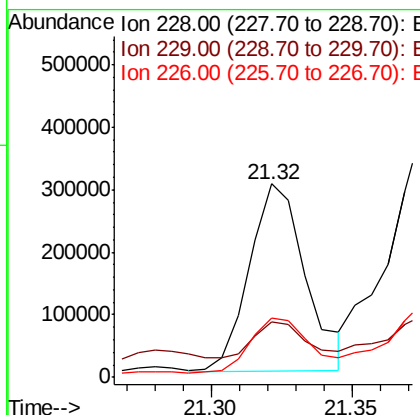
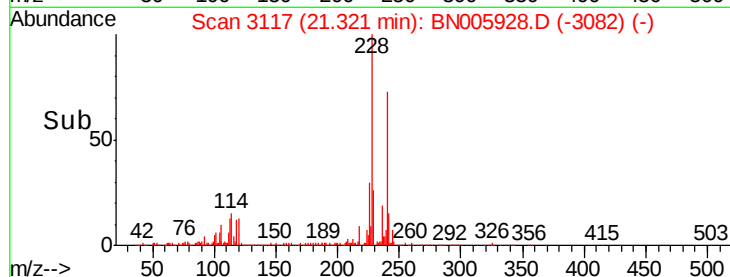
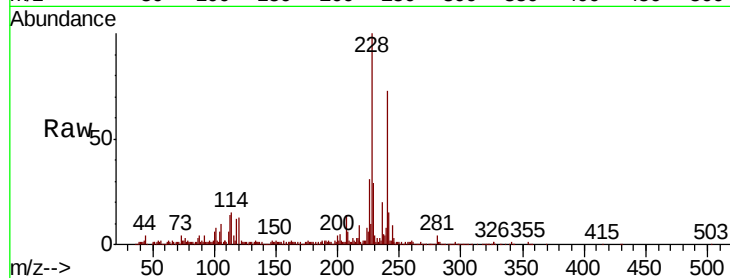
ClientSampled :

A42C3MS

Tot Ion:	228	Resp:	412999
Ion Ratio	Lower	Upper	
228	100		
229	28.7	15.8	23.6#
226	30.7	21.4	32.2

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#84

Chrysene

Concen: 3.827 ng/ul

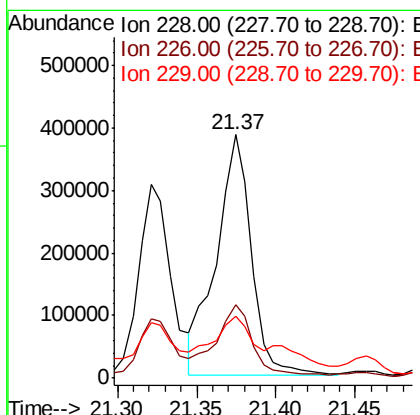
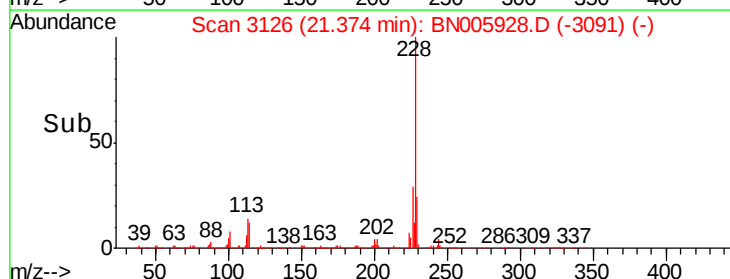
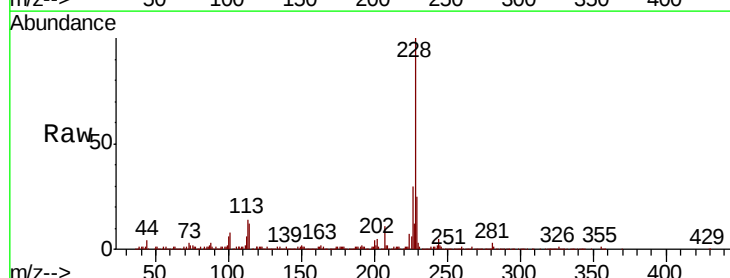
RT: 21.37 min Scan# 3126

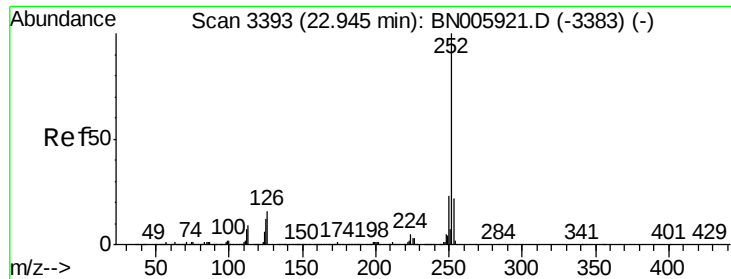
Delta R.T. 0.01 min

Lab File: BN005928.D

Acq: 29 May 2019 13:53

Tgt Ion:	228	Resp:	588680
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.0	36.0
229	25.4	15.4	23.0#





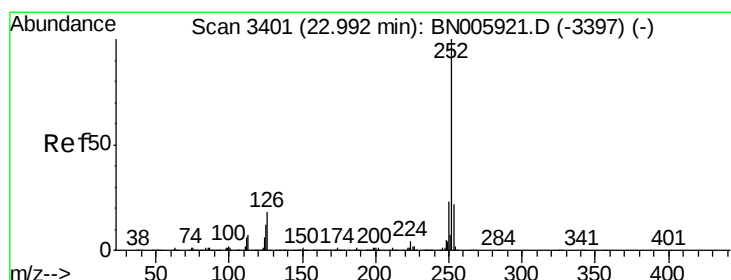
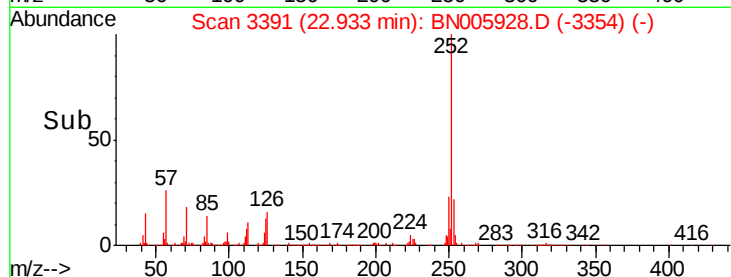
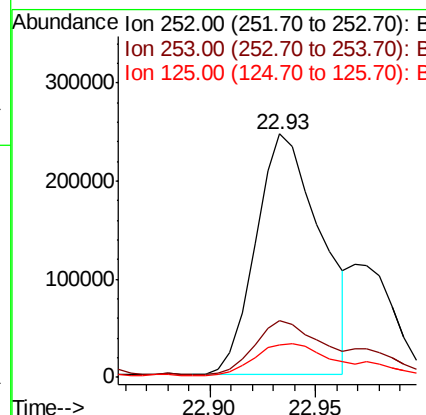
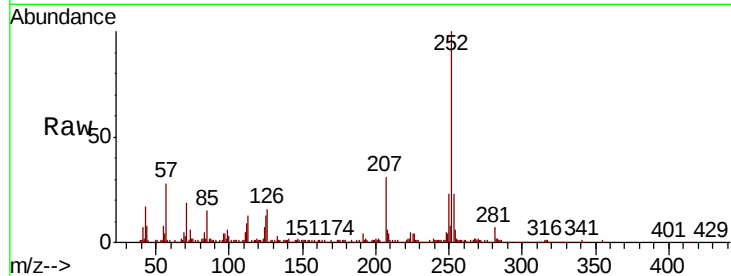
#87
Benzo(b)fluoranthene
Concen: 3.352 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. 0.02 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Instrument :
BNA_N
ClientSampleId :
A42C3MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	519513		
253	23.4		17.7	26.5
125	13.4		8.4	12.6#

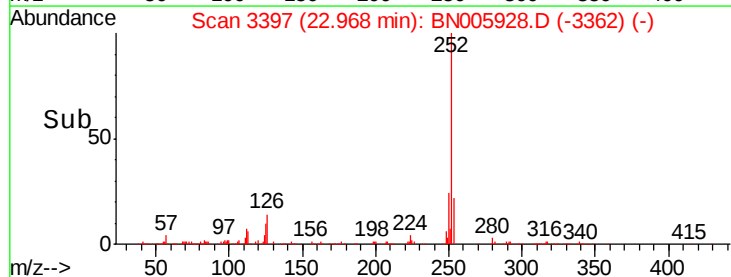
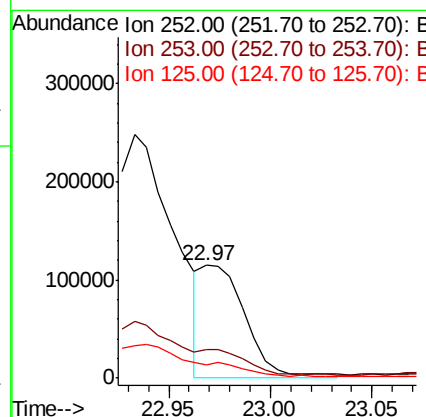
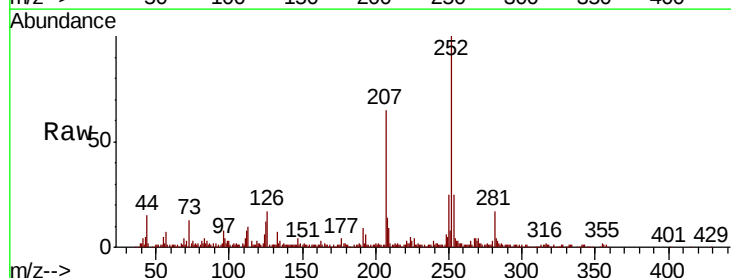
Manual Integrations
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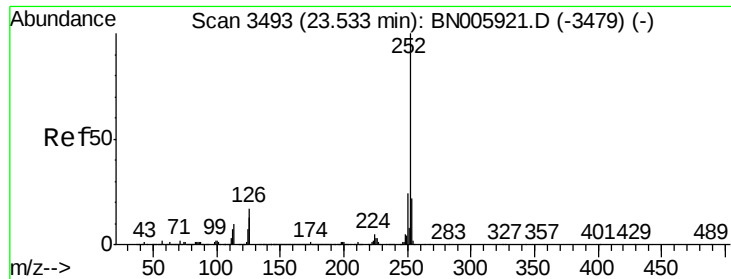
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#88
Benzo(k)fluoranthene
Concen: 1.217 ng/ul m
RT: 22.97 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	173487		
253	25.2		17.4	26.0
125	12.2		7.5	11.3#





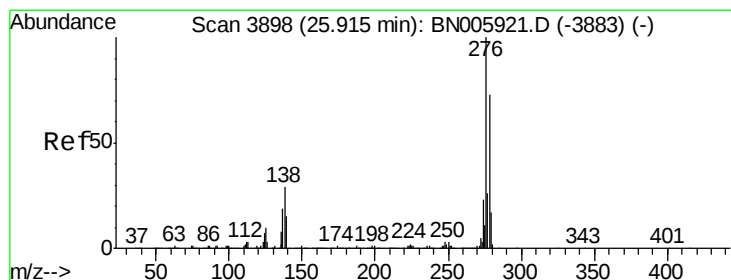
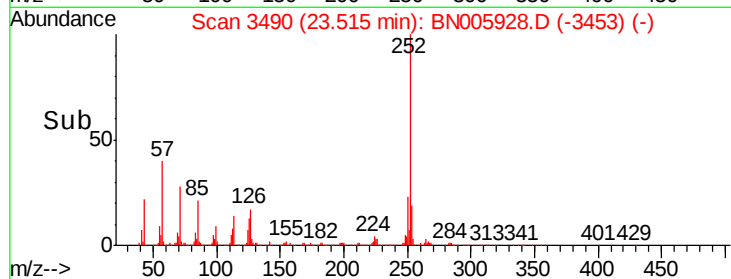
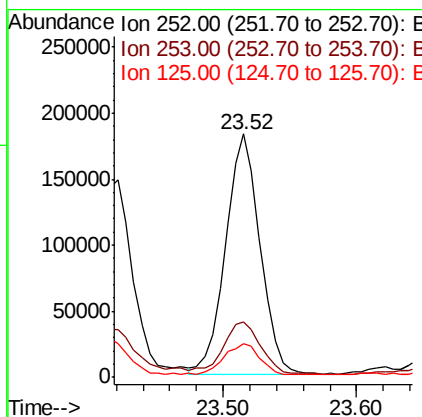
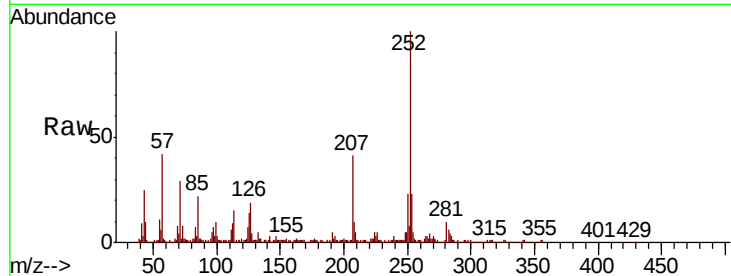
#90
Benzo(a)pyrene
Concen: 2.233 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Instrument :
BNA_N
ClientSampleId :
A42C3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	13.9	8.6	13.0

Manual Integrations
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.041 ng/ul
RT: 25.89 min Scan# 3893
Delta R.T. 0.01 min
Lab File: BN005928.D
Acq: 29 May 2019 13:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	17.9	26.9
277	29.0	19.7	29.5

