

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000516.D
 Acq On : 21 Mar 2018 13:01
 Operator : JU/SJ
 Sample : J1905-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM52

Manual Integrations
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 3/22/2018 6:48:56 PM

Quant Time: Mar 23 11:55:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	194145	20.00	ng/ul	0.02
18) Naphthalene-d8	11.30	136	488709	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.06	164	278221	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.89	188	508180m	20.00	ng/ul	0.13
75) Chrysene-d12	21.90	240	547228m	20.00	ng/ul	0.01
83) Perylene-d12	24.38	264	609394	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	36384	6.69	ng/uL	0.00
5) Phenol-d5	7.60	99	58435	3.23	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.74	67	376527	36.04	ng/ul	0.02
9) 2-Chlorophenol-d4	8.00	132	241049	17.60	ng/ul	0.07
13) 4-Methylphenol-d8	9.25	113	332335m	23.56	ng/ul	0.12
19) Nitrobenzene-d5	9.64	128	179331	45.18	ng/ul	0.05
22) 2-Nitrophenol-d4	10.37	143	155988	37.94	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.98	165	355164m	48.19	ng/ul	0.11
29) 4-Chloroaniline-d4	11.39	131	464111m	61.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.46	166	720704	32.79	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	986430	34.02	ng/ul	0.04
51) 4-Nitrophenol-d4	15.26	143	97753	23.95	ng/ul	0.04
57) Fluorene-d10	16.07	176	645447	34.46	ng/ul	0.05
62) 4,6-Dinitro-2-methylphenol	16.21	200	184885m	63.53	ng/ul	0.08
70) Anthracene-d10	17.97	188	831040m	34.02	ng/ul	0.11
76) Pyrene-d10	20.14	212	938620	31.07	ng/ul	0.03
87) Benzo(a)pyrene-d12	24.22	264	939731	32.67	ng/ul	0.02
Target Compounds						
21) Isophorone	10.23	82	5912580	316.556	ng/ul#	85
28) Naphthalene	11.34	128	1933596	75.342	ng/ul#	95
34) 2-Methylnaphthalene	12.93	142	3327310	194.190	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	233290m	41.147	ng/ul	
39) 2,4,5-Trichlorophenol	13.64	196	127019m	21.486	ng/ul	
40) 1,1'-Biphenyl	13.90	154	382353	16.144	ng/ul#	79
49) Acenaphthene	15.13	153	241059	12.446	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.77	232	11970284m	2651.575	ng/ul	
58) Fluorene	16.12	166	354072	16.937	ng/ul#	77
68) Pentachlorophenol	17.51	266	37368433m	12941.689	ng/ul	
69) Phenanthrene	17.92	178	1520157m	51.925	ng/ul	
71) Anthracene	18.00	178	254581m	8.481	ng/ul	
74) Fluoranthene	19.81	202	850939m	29.250	ng/ul	
77) Pyrene	20.17	202	771892m	19.312	ng/ul	
80) Benzo(a)anthracene	21.88	228	91468m	2.509	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.75	149	238777	8.284	ng/ul	92
82) Chrysene	21.94	228	99849m	2.921	ng/ul	
84) Di-n-octyl phthalate	22.71	149	150449	2.933	ng/ul	100

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

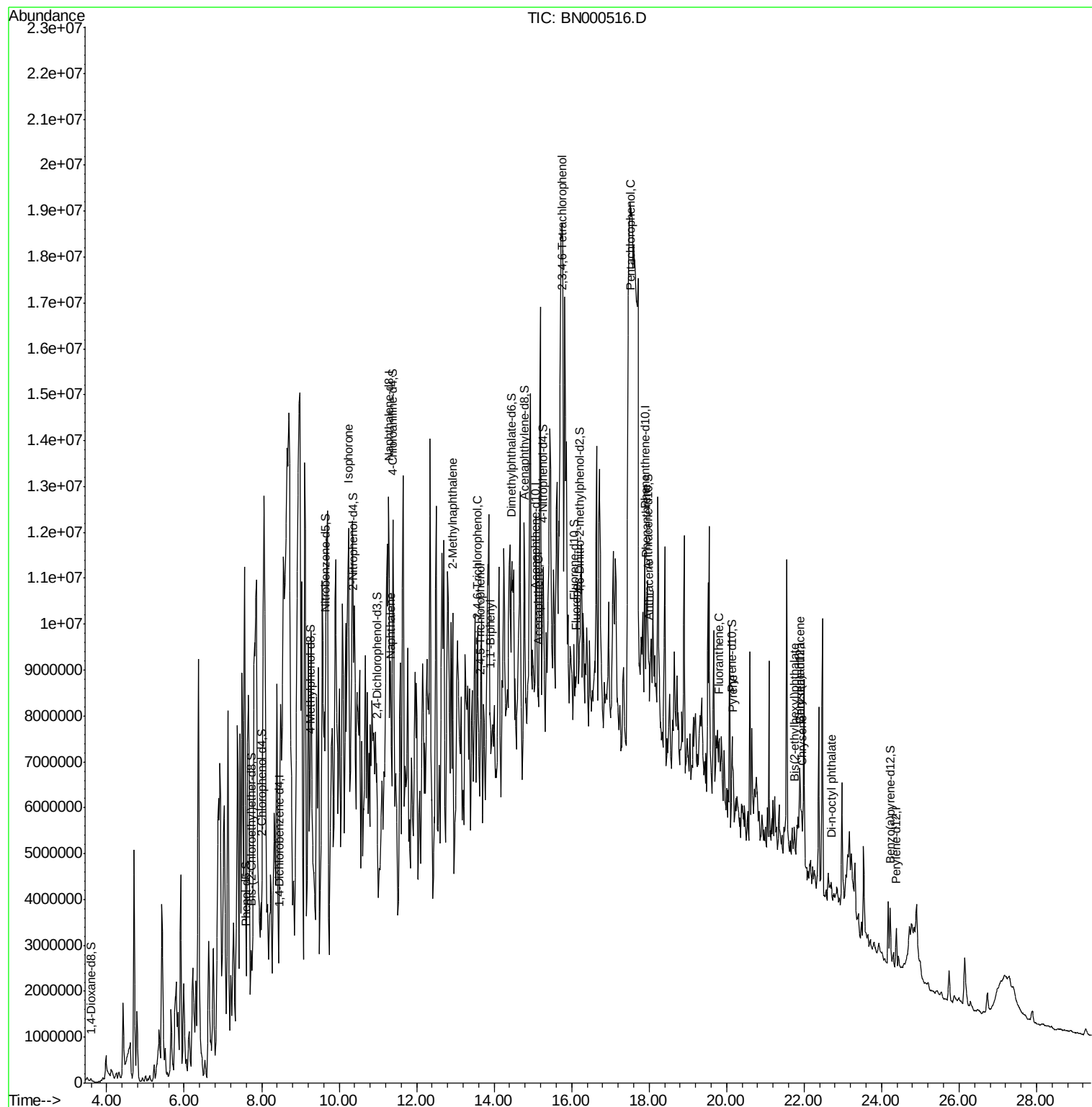
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000516.D
Acq On : 21 Mar 2018 13:01
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ALS Vial : 5 Sample Multiplier: 1

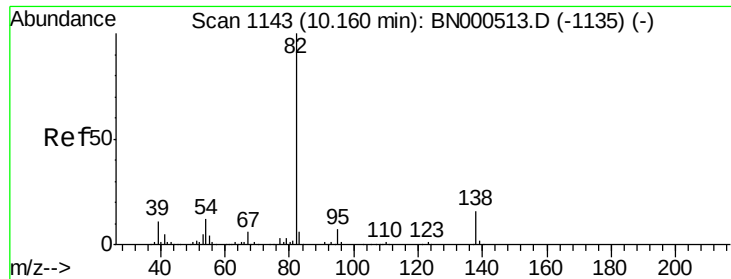
Instrument :
BNA_N
ClientSampled :
DAM52

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Quant Time: Mar 23 11:55:17 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 22 01:34:06 2018
Response via : Initial Calibration





#21

Isophorone

Concen: 316.556 ng/ul

RT: 10.23 min Scan# 1155

Delta R.T. 0.07 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

ClientSampleId :

DAM52

Tot Ion: 82 Resp: 5912580

Ion Ratio Lower Upper

82 100

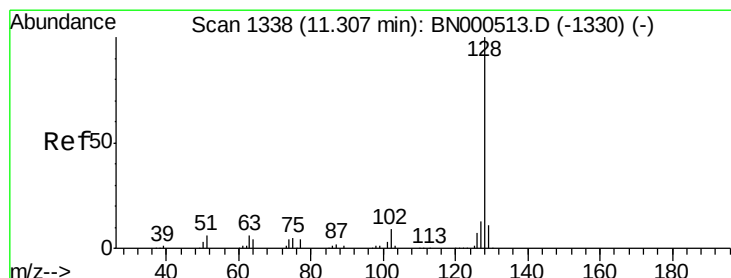
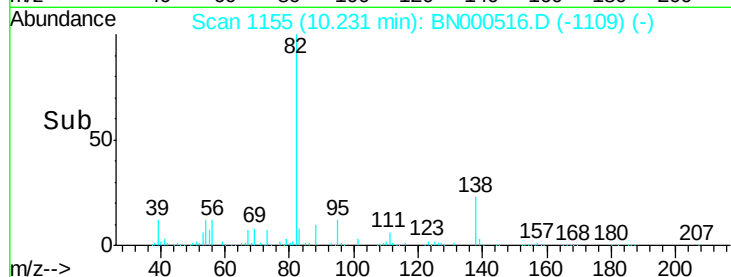
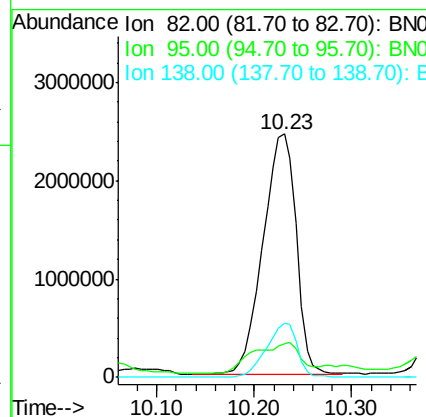
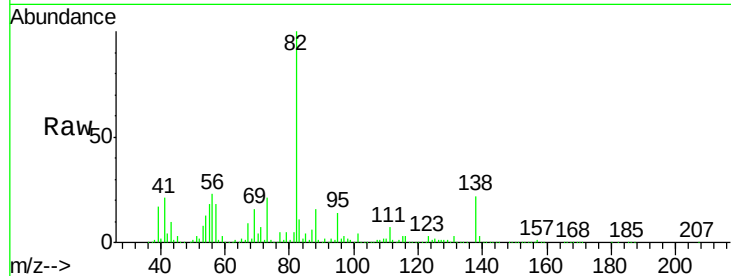
95 14.1 6.1 9.1#

138 22.5 13.5 20.3#

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#28

Naphthalene

Concen: 75.342 ng/ul

RT: 11.34 min Scan# 1344

Delta R.T. 0.04 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

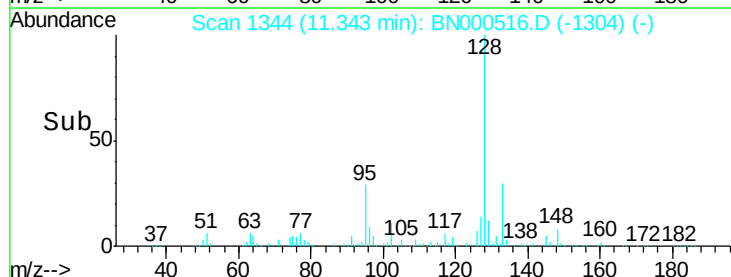
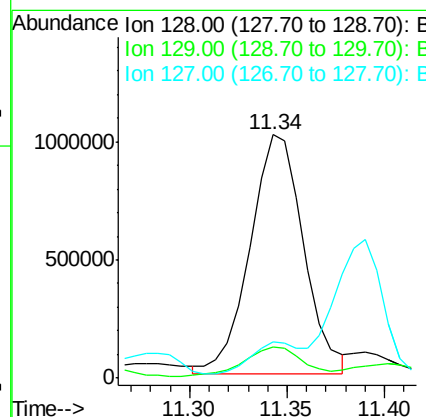
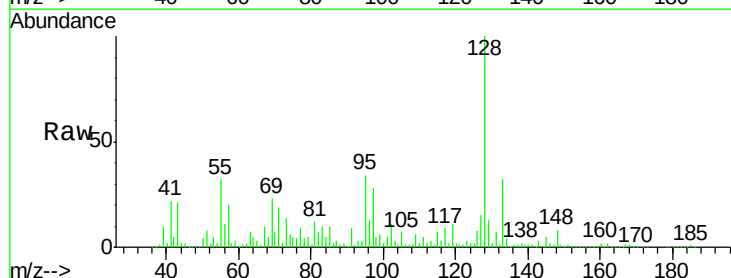
Tgt Ion: 128 Resp: 1933596

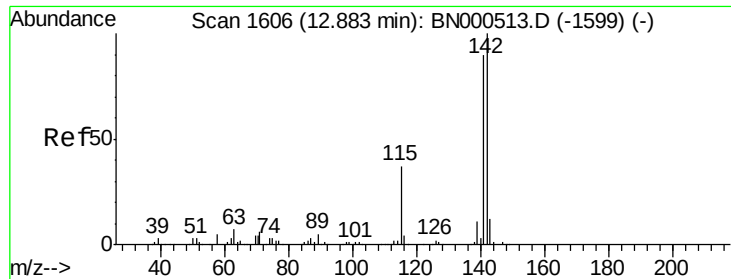
Ion Ratio Lower Upper

128 100

129 13.0 8.3 12.5#

127 14.7 10.8 16.2





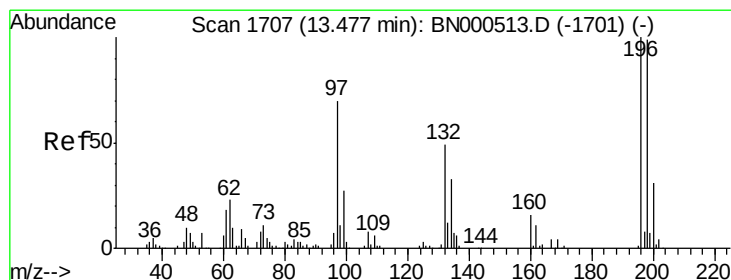
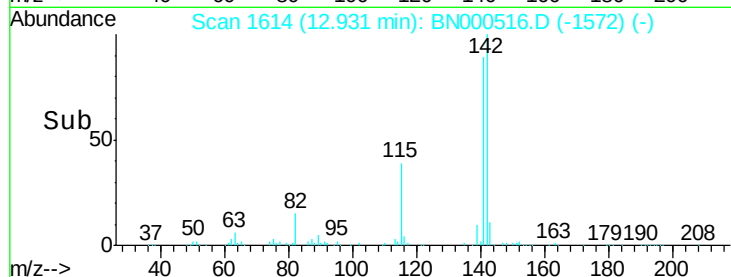
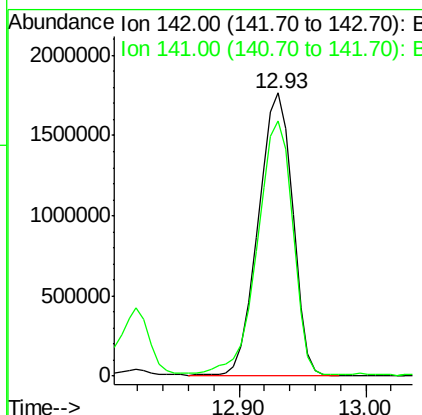
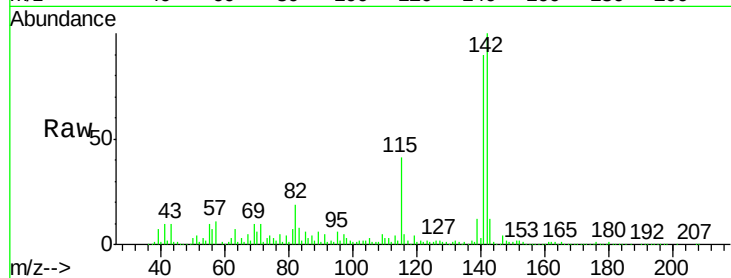
#34
 2-Methylnaphthalene
 Concen: 194.190 ng/ul
 RT: 12.93 min Scan# 1614
 Delta R.T. 0.05 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Instrument :
 BNA_N
 ClientSampleId :
 DAM52

Tot Ion:142 Resp: 3327310
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.2

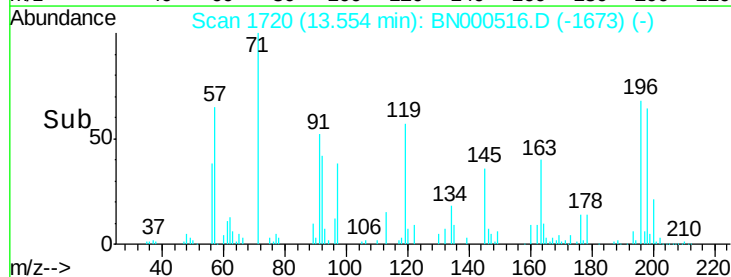
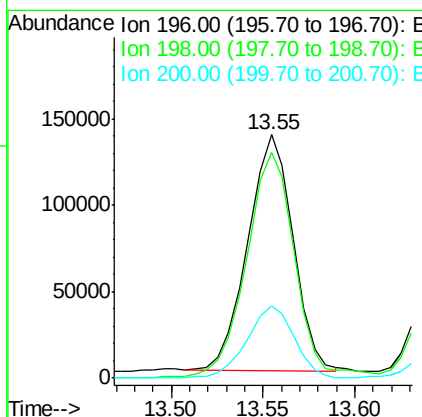
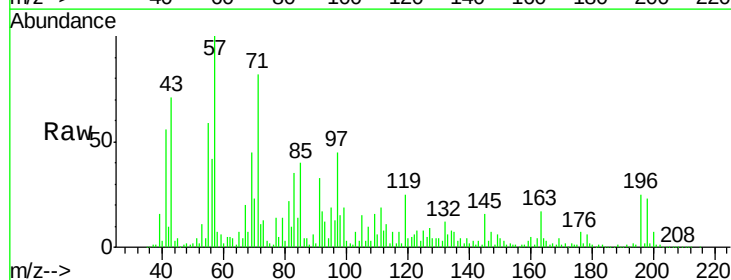
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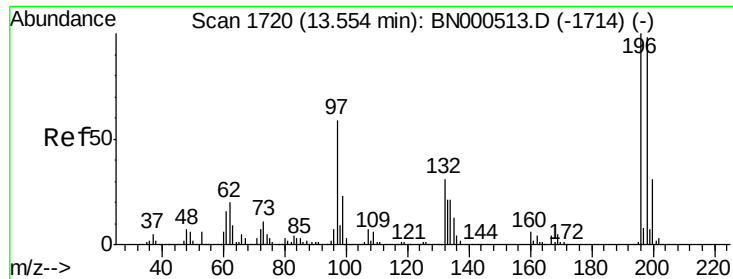
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#38
 2,4,6-Trichlorophenol
 Concen: 41.147 ng/ul m
 RT: 13.55 min Scan# 1720
 Delta R.T. 0.08 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Tgt Ion:196 Resp: 233290
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.9 113.9
 200 29.5 25.8 38.6





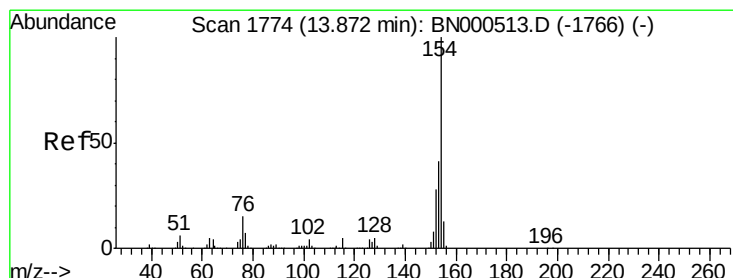
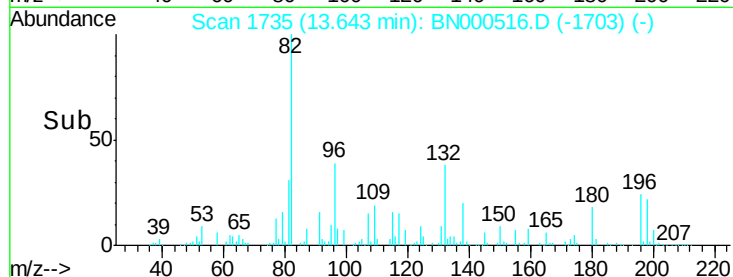
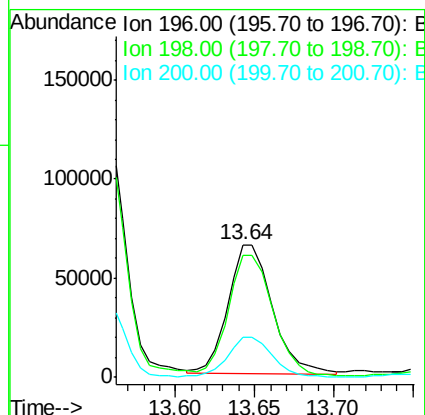
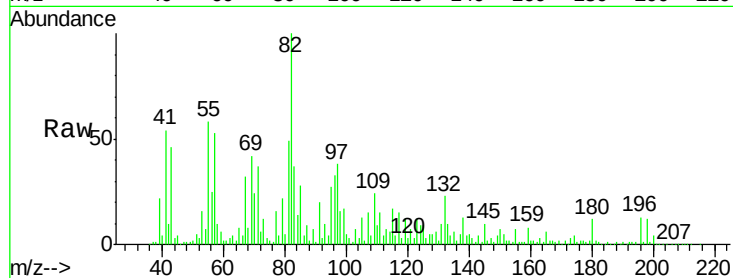
#39
 2,4,5-Trichlorophenol
 Concen: 21.486 ng/ul m
 RT: 13.64 min Scan# 1735
 Delta R.T. 0.09 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Instrument :
 BNA_N
 ClientSampled :
 DAM52

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.7	74.7	112.1
200	30.4	25.4	38.0

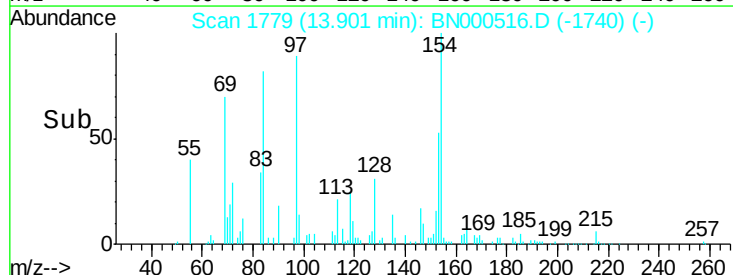
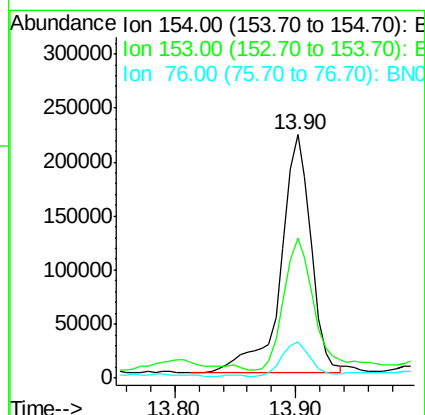
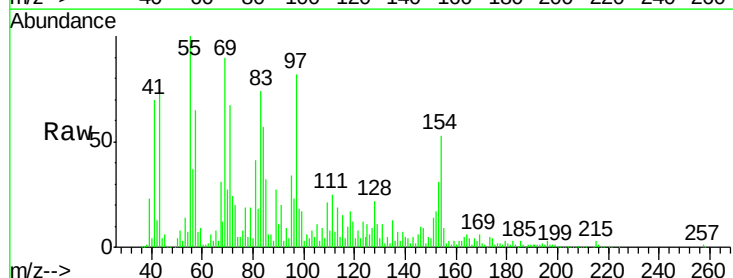
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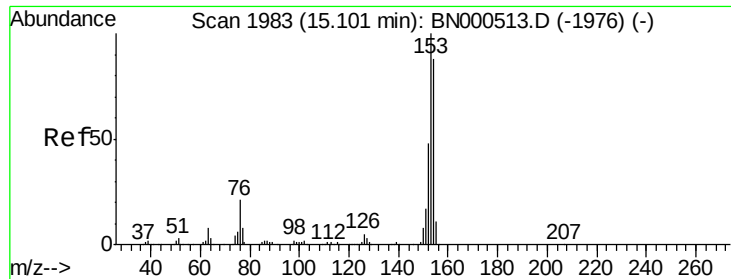
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#40
 1,1'-Biphenyl
 Concen: 16.144 ng/ul
 RT: 13.90 min Scan# 1779
 Delta R.T. 0.03 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	57.6	34.0	51.0#
76	14.9	8.4	12.6#





#49

Acenaphthene

Concen: 12.446 ng/ul

RT: 15.13 min Scan# 1988

Delta R.T. 0.03 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

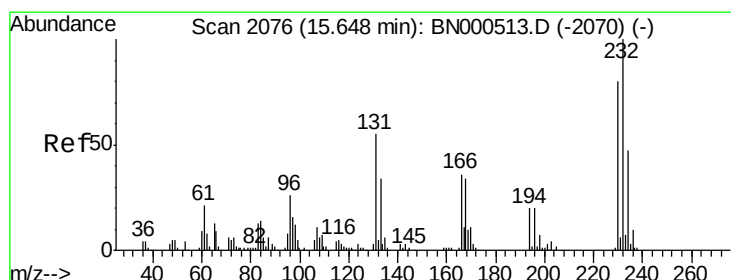
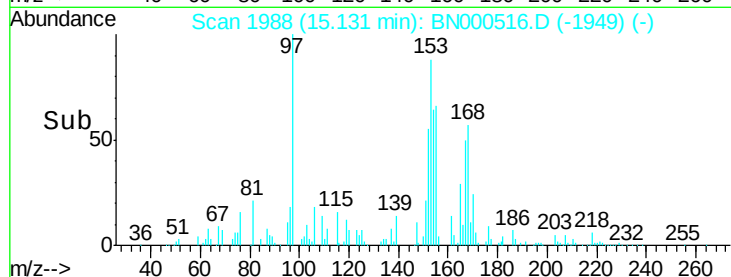
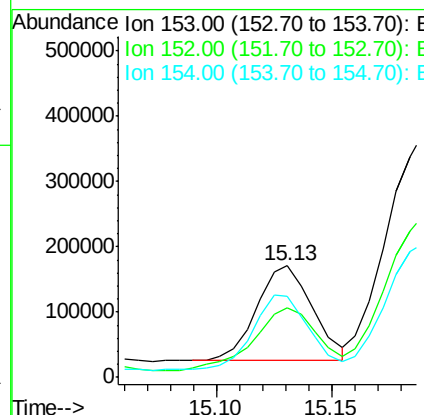
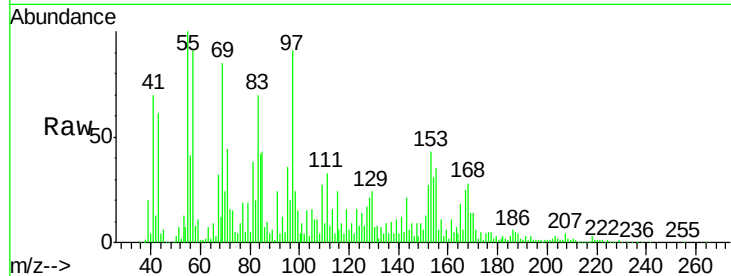
ClientSampled :

DAM52

Tot Ion:	153	Resp:	241059
Ion Ratio	Lower	Upper	
153	100		
152	62.4	37.9	56.9#
154	72.7	69.8	104.6

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2651.575 ng/ul m

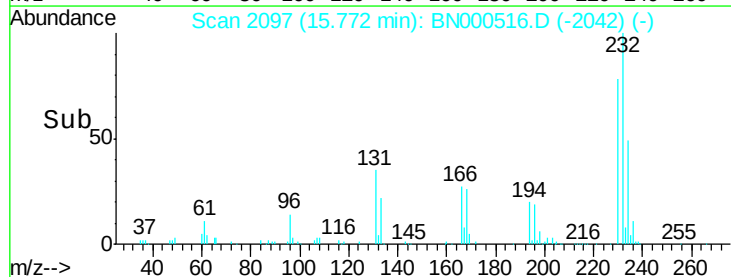
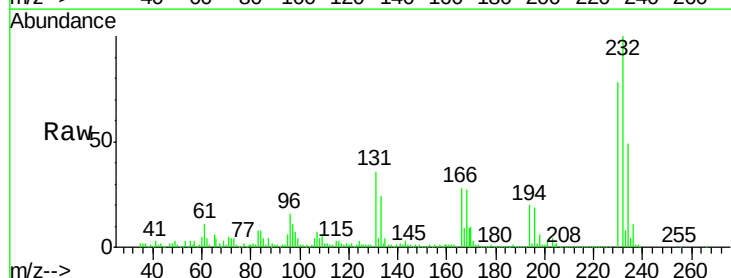
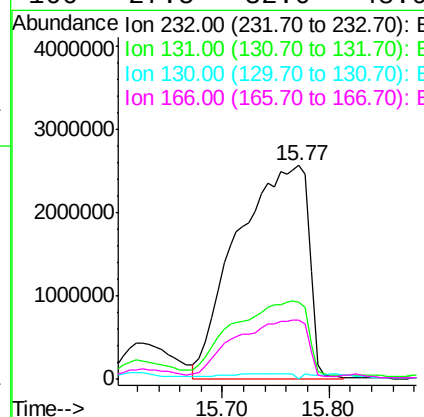
RT: 15.77 min Scan# 2097

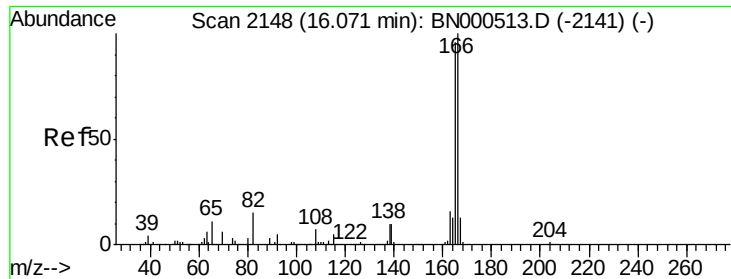
Delta R.T. 0.12 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Tgt Ion:	232	Resp:	11970284
Ion Ratio	Lower	Upper	
232	100		
131	36.1	48.0	72.0#
130	0.0	4.0	6.0#
166	27.5	32.0	48.0#





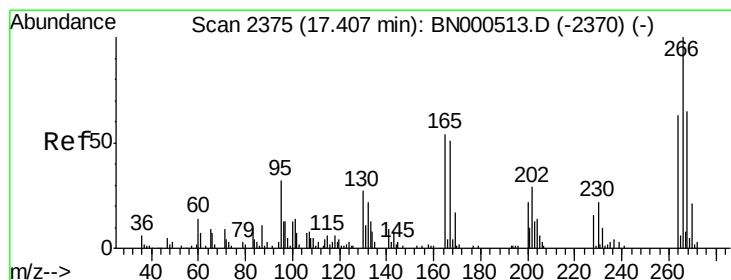
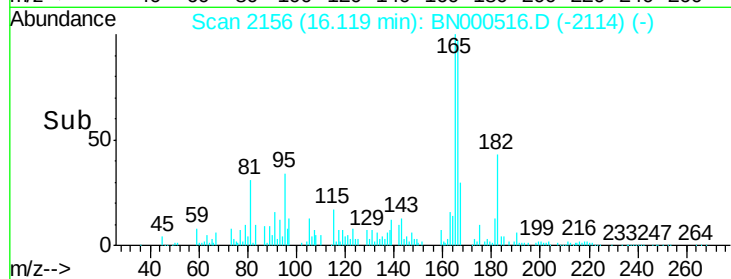
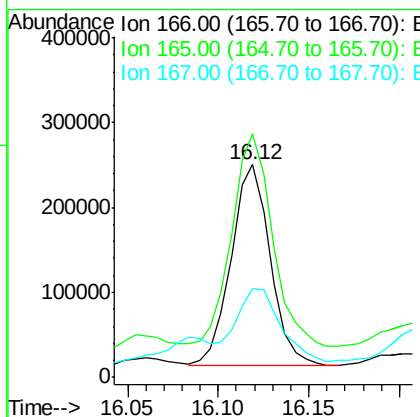
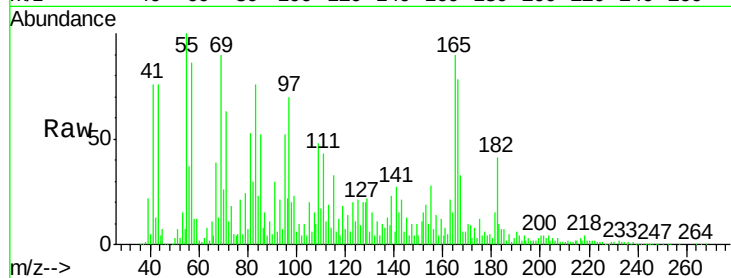
#58
 Fluorene
 Concen: 16.937 ng/ul
 RT: 16.12 min Scan# 2156
 Delta R.T. 0.05 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Instrument :
 BNA_N
 ClientSampleId :
 DAM52

Tot Ion	Ratio	Lower	Upper
166	100		
165	114.4	78.4	117.6
167	42.0	11.1	16.7#

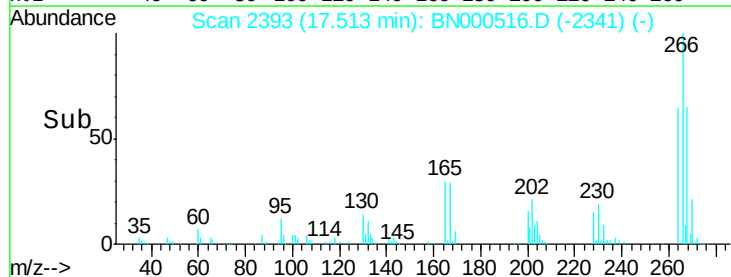
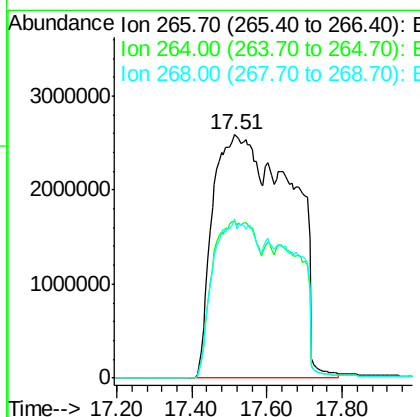
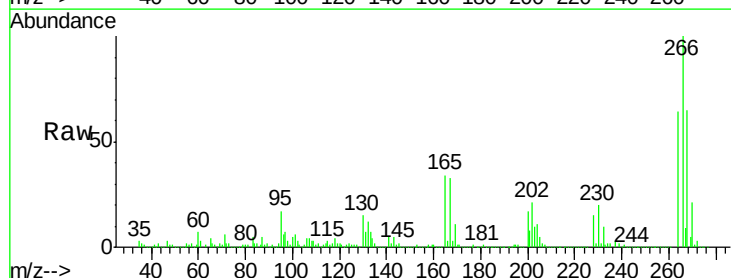
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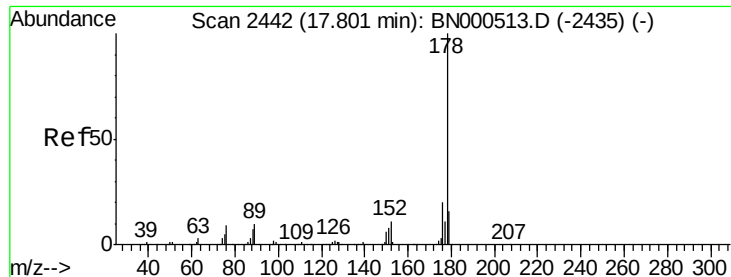
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#68
 Pentachlorophenol
 Concen: 12941.689 ng/ul m
 RT: 17.51 min Scan# 2393
 Delta R.T. 0.11 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	48.2	72.4
268	65.2	52.3	78.5





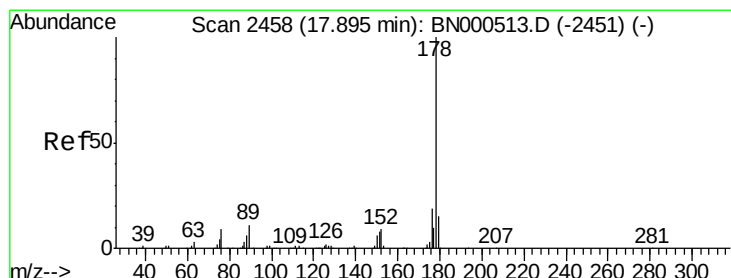
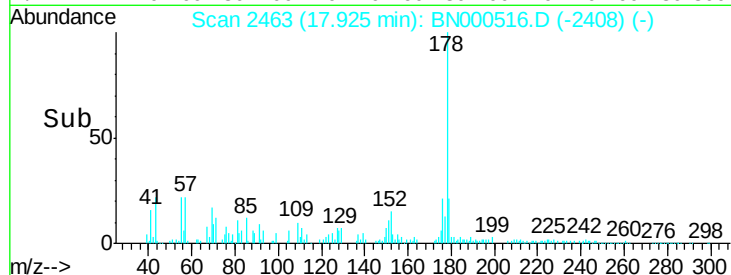
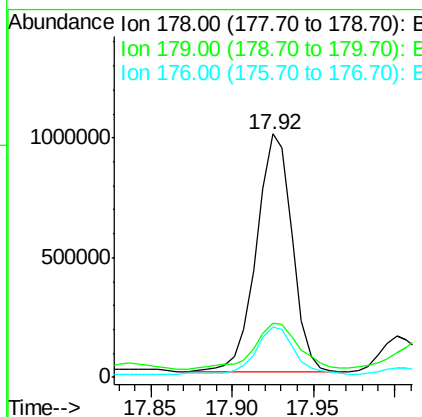
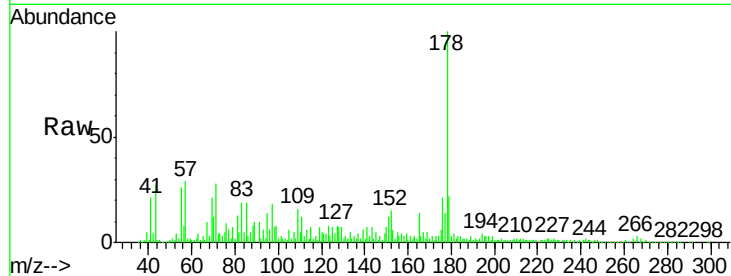
#69
Phenanthrene
Concen: 51.925 ng/ul m
RT: 17.92 min Scan# 2463
Delta R.T. 0.12 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Instrument :
BNA_N
ClientSampled :
DAM52

Tot Ion:178 Resp: 1520157
Ion Ratio Lower Upper
178 100
179 22.0 12.3 18.5#
176 20.8 15.4 23.0

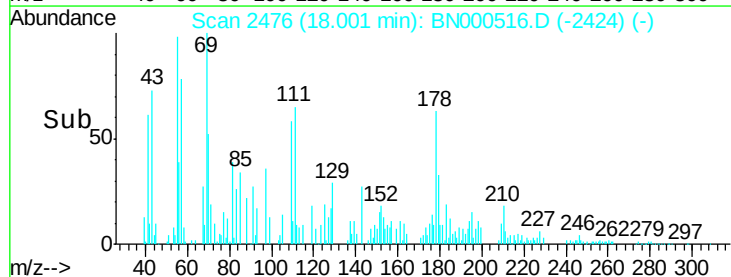
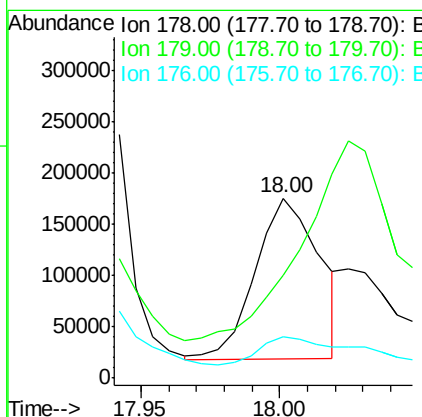
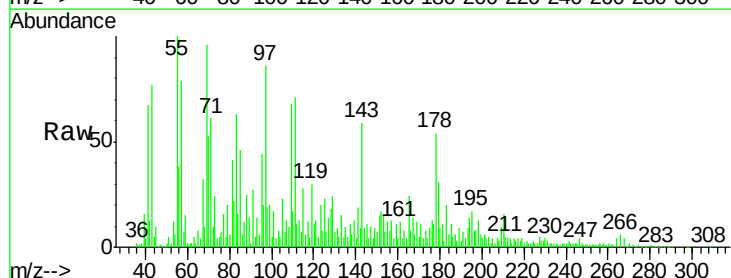
Manual Integrations
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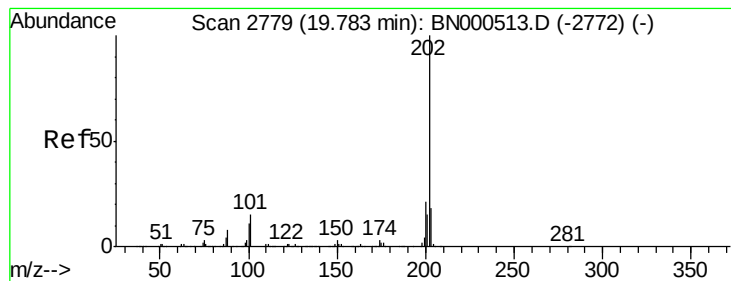
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#71
Anthracene
Concen: 8.481 ng/ul m
RT: 18.00 min Scan# 2476
Delta R.T. 0.11 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Tgt Ion:178 Resp: 254581
Ion Ratio Lower Upper
178 100
179 57.6 13.4 20.2#
176 23.3 15.4 23.0#





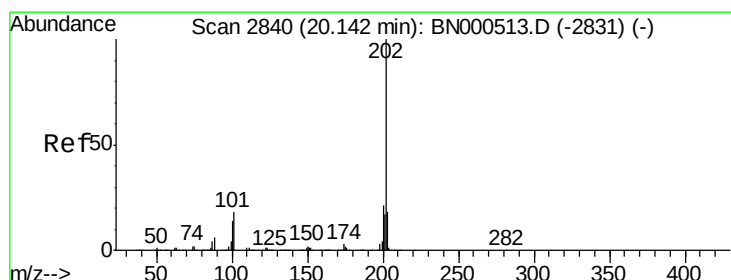
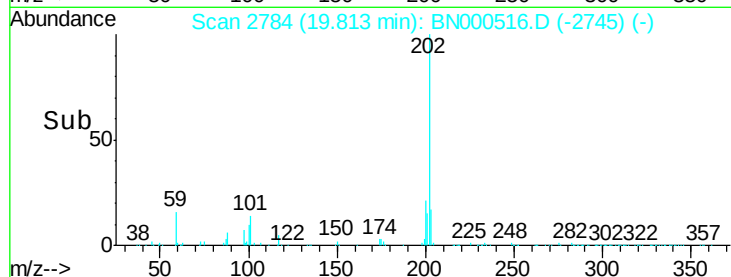
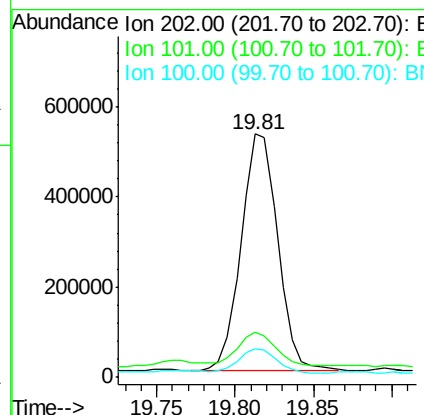
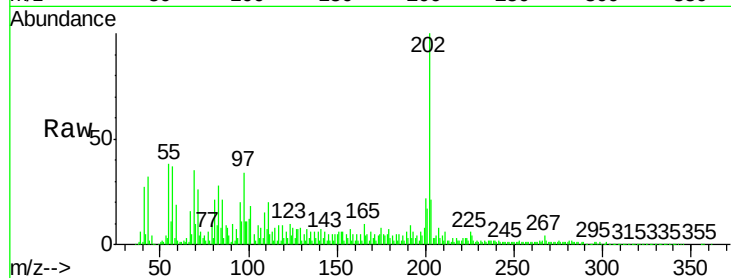
#74
 Fluoranthene
 Concen: 29.250 ng/ul m
 RT: 19.81 min Scan# 2784
 Delta R.T. 0.03 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Instrument :
 BNA_N
 ClientSampleId :
 DAM52

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.4	6.1	9.1#
100	11.6	4.6	7.0#

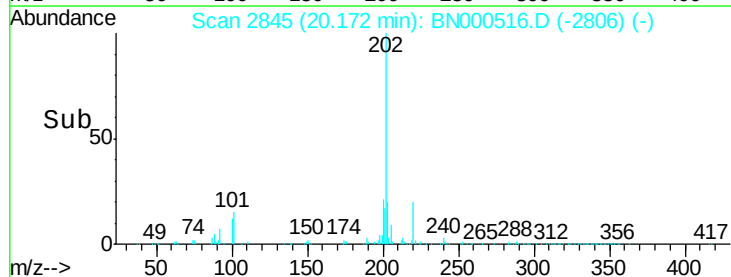
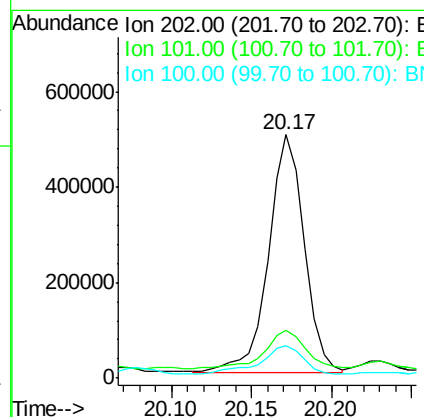
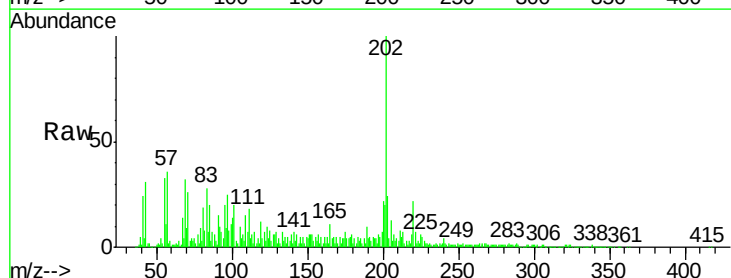
Manual Integrations
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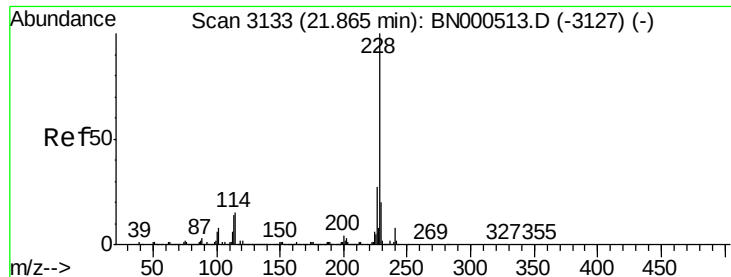
Sohil
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#77
 Pyrene
 Concen: 19.312 ng/ul m
 RT: 20.17 min Scan# 2845
 Delta R.T. 0.03 min
 Lab File: BN000516.D
 Acq: 21 Mar 2018 13:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	19.9	6.9	10.3#
100	13.6	5.6	8.4#





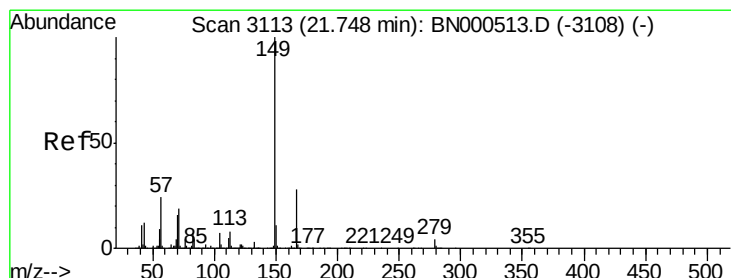
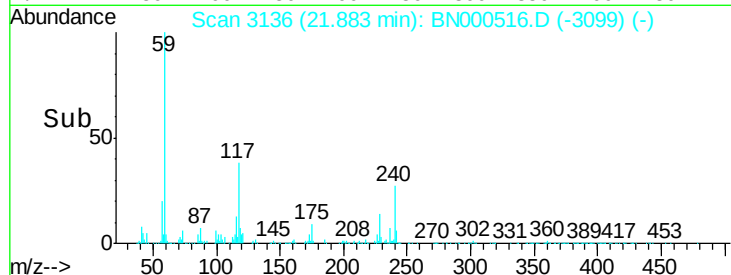
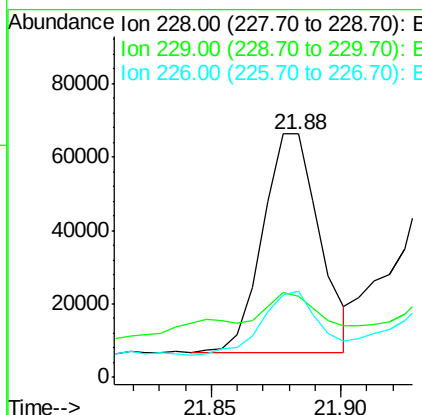
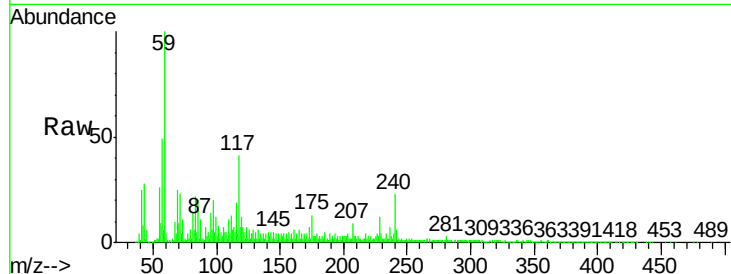
#80
Benzo(a)anthracene
Concen: 2.509 ng/ul m
RT: 21.88 min Scan# 3136
Delta R.T. 0.02 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Instrument :
BNA_N
ClientSampled :
DAM52

Tot Ion	Ratio	Lower	Upper
228	100		
229	33.2	16.0	24.0#
226	35.3	21.8	32.8#

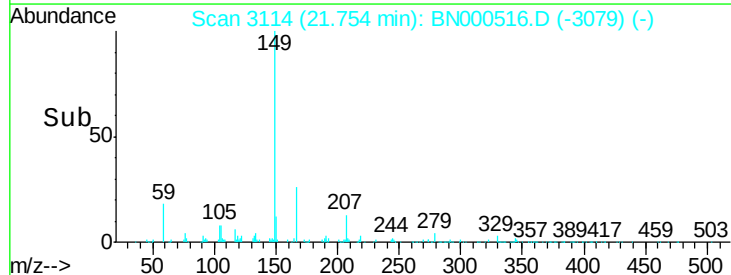
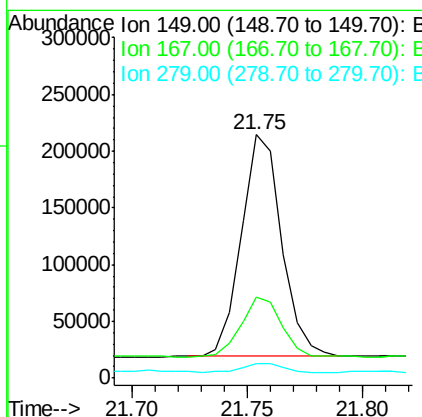
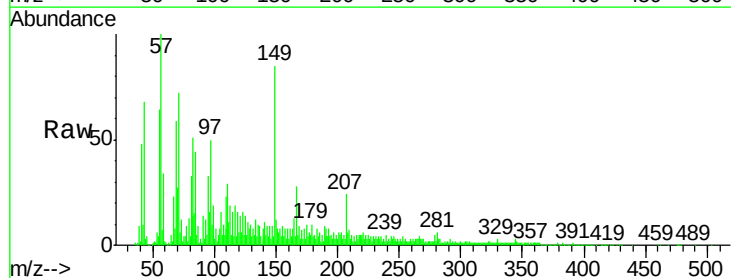
Manual Integrations
APPROVED

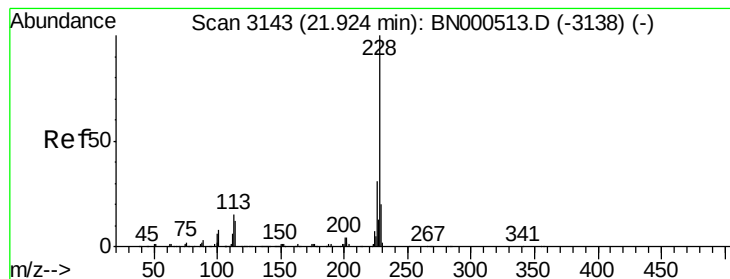
Sohil
3/22/2018 6:48:56 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 8.284 ng/ul
RT: 21.75 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BN000516.D
Acq: 21 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.5	23.0	34.6
279	5.9	4.3	6.5





#82

Chrysene

Concen: 2.921 ng/ul m

RT: 21.94 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Instrument :

BNA_N

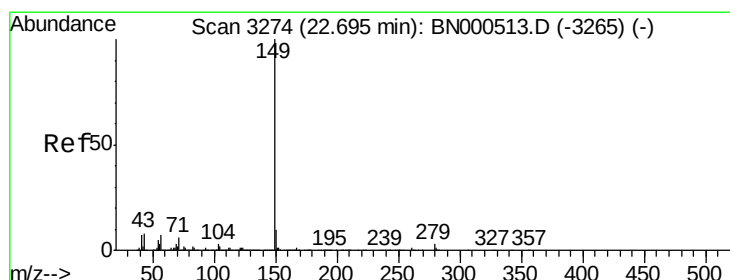
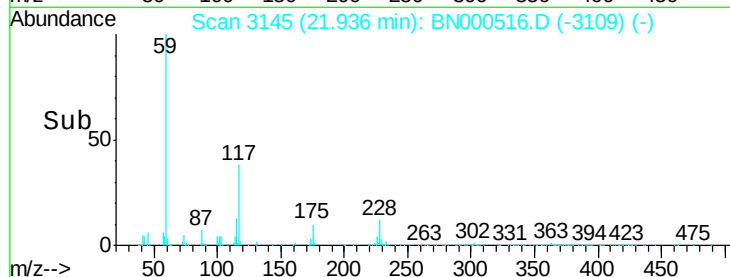
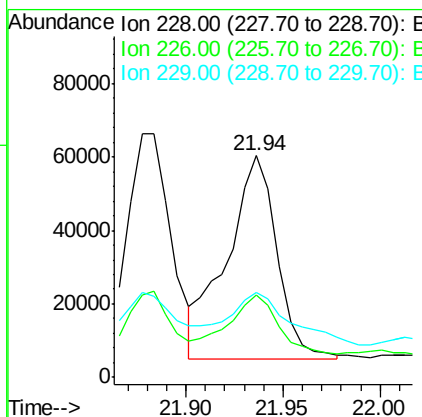
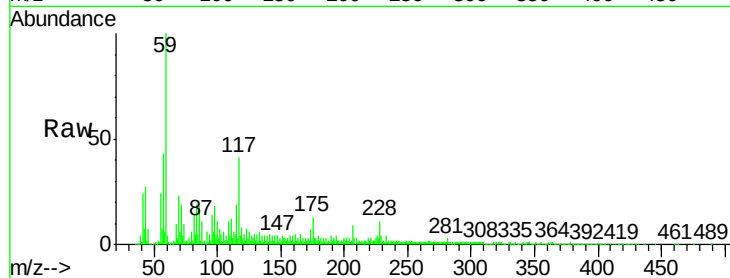
ClientSampled :

DAM52

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.4	24.1	36.1#
229	38.3	16.0	24.0#

Manual Integrations
APPROVED

Sohil
3/22/2018 6:48:56 PM



#84

Di-n-octyl phthalate

Concen: 2.933 ng/ul

RT: 22.71 min Scan# 3276

Delta R.T. 0.01 min

Lab File: BN000516.D

Acq: 21 Mar 2018 13:01

Tgt Ion:149 Resp: 150449

