

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000509.D
 Acq On : 21 Mar 2018 00:45
 Operator : JU/SJ
 Sample : J1905-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM48

Manual Integrations
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Quant Time: Mar 23 11:53:50 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 21 00:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	265582	20.00	ng/ul	0.00
18) Naphthalene-d8	11.27	136	1010620	20.00	ng/ul	0.01
35) Acenaphthene-d10	15.04	164	495157	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.90	188	816649m	20.00	ng/ul	0.14
75) Chrysene-d12	21.89	240	667770	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	684671	20.00	ng/ul	0.01

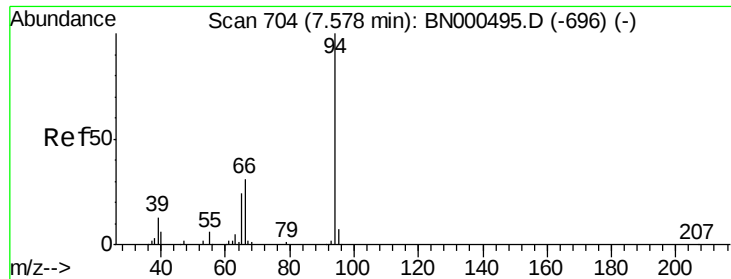
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	40147	5.40	ng/uL	0.00
5) Phenol-d5	7.64	99	194989m	7.87	ng/ul	0.09
7) Bis-(2-Chloroethyl)ether-d	7.73	67	426177	29.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	478595	25.55	ng/ul	0.03
13) 4-Methylphenol-d8	9.18	113	347938m	18.03	ng/ul	0.06
19) Nitrobenzene-d5	9.61	128	270821	32.99	ng/ul	0.01
22) 2-Nitrophenol-d4	10.34	143	255099	30.00	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.91	165	453253	29.74	ng/ul	0.04
29) 4-Chloroaniline-d4	11.41	131	7030	0.45	ng/ul	0.03
43) Dimethylphthalate-d6	14.45	166	1135312	29.02	ng/ul	0.02
46) Acenaphthylene-d8	14.74	160	1433257	27.77	ng/ul	0.00
51) 4-Nitrophenol-d4	15.33	143	175697m	24.19	ng/ul	0.12
57) Fluorene-d10	16.04	176	949383	28.48	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.18	200	441749m	94.45	ng/ul	0.05
70) Anthracene-d10	17.98	188	1151975m	29.35	ng/ul	0.12
76) Pyrene-d10	20.13	212	1098538	29.80	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.21	264	964972	29.86	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.67	94	57948	2.29	ng/ul	97
21) Isophorone	10.19	82	3102832	80.33	ng/ul#	95
24) 2,4-Dimethylphenol	10.48	107	60552m	3.07	ng/ul	
27) 2,4-Dichlorophenol	10.94	162	100759	6.81	ng/ul#	80
28) Naphthalene	11.32	128	752813	14.18	ng/ul	98
34) 2-Methylnaphthalene	12.90	142	524914	14.81	ng/ul	99
38) 2,4,6-Trichlorophenol	13.51	196	248233	24.60	ng/ul	99
39) 2,4,5-Trichlorophenol	13.60	196	242831m	23.08	ng/ul	
49) Acenaphthene	15.11	153	80024	2.32	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.74	232	14988589m	1865.55	ng/ul	
58) Fluorene	16.10	166	74489	2.00	ng/ul#	88
68) Pentachlorophenol	17.49	266	45649819m	9838.01	ng/ul	
69) Phenanthrene	17.93	178	275673m	5.86	ng/ul	
71) Anthracene	18.00	178	63580m	1.32	ng/ul	
72) Carbazole	18.22	167	473925m	11.46	ng/ul	
74) Fluoranthene	19.80	202	109530m	2.34	ng/ul	
77) Pyrene	20.16	202	73345	1.50	ng/ul#	46

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



#6

Phenol

Concen: 2.29 ng/ul

RT: 7.67 min Scan# 719

Delta R.T. 0.09 min

Lab File: BN000509.D

Acq: 21 Mar 2018 00:45

Instrument :

BNA_N

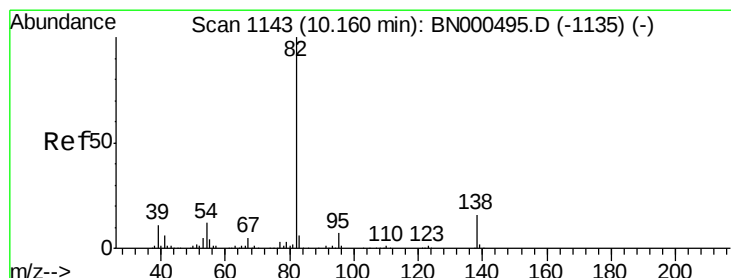
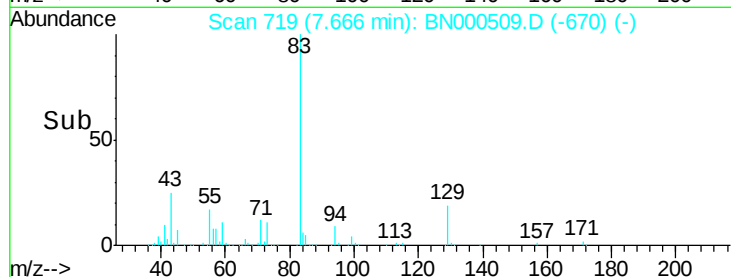
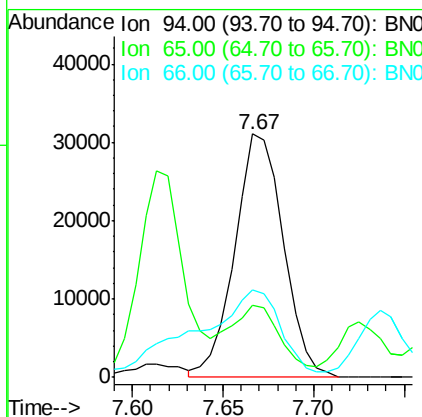
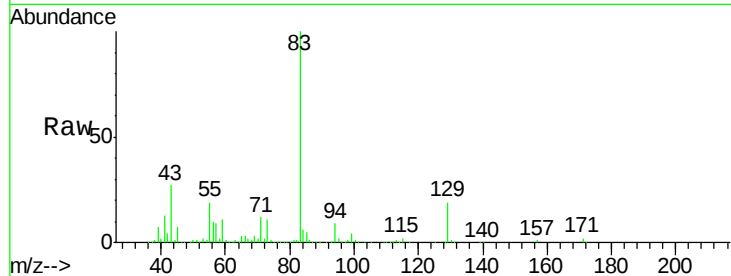
ClientSampleId :

DAM48

Tot Ion:	94	Resp:	57948
Ion	Ratio	Lower	Upper
94	100		
65	29.8	23.0	34.6
66	35.9	30.4	45.6

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#21

Isophorone

Concen: 80.33 ng/ul

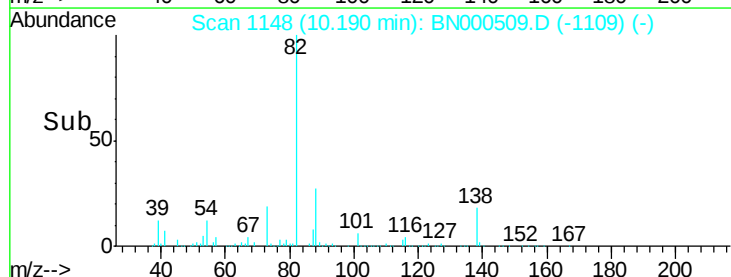
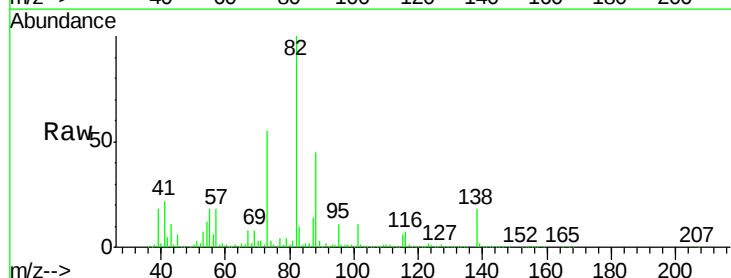
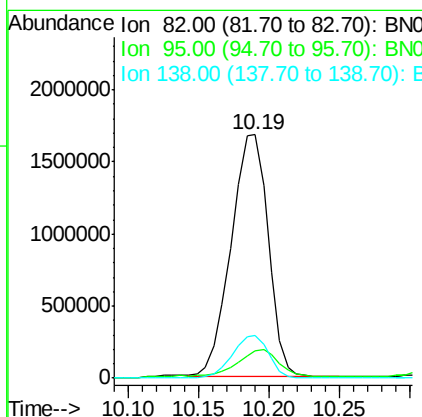
RT: 10.19 min Scan# 1148

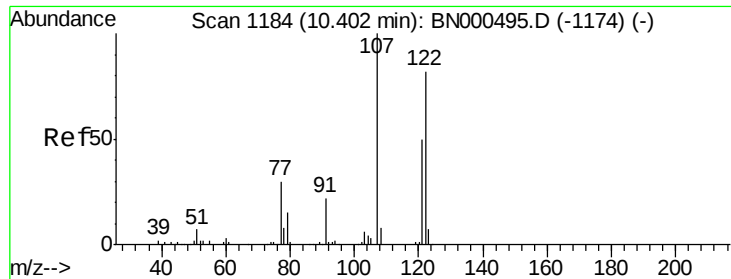
Delta R.T. 0.03 min

Lab File: BN000509.D

Acq: 21 Mar 2018 00:45

Tgt Ion:	82	Resp:	3102832
Ion	Ratio	Lower	Upper
82	100		
95	11.4	6.1	9.1#
138	17.8	13.5	20.3





#24

2,4-Dimethylphenol

Concen: 3.07 ng/ul m

RT: 10.48 min Scan# 1197

Delta R.T. 0.08 min

Lab File: BN000509.D

Acq: 21 Mar 2018 00:45

Instrument :

BNA_N

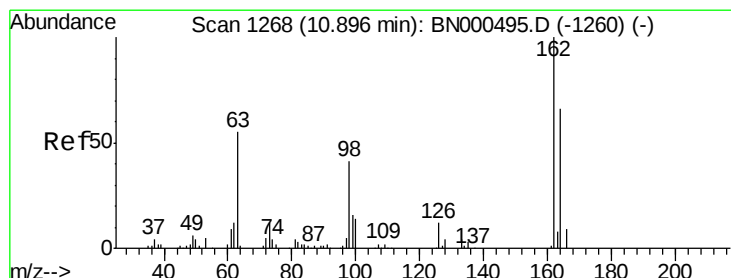
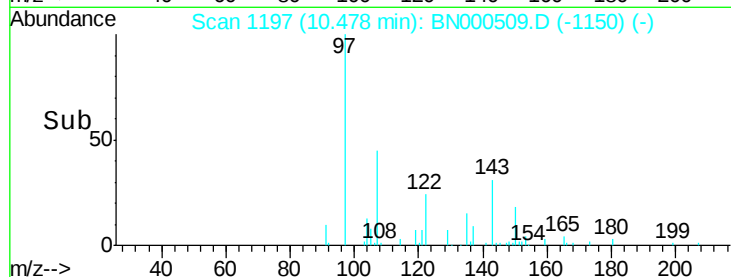
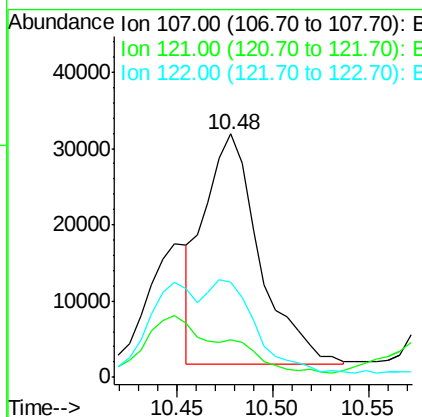
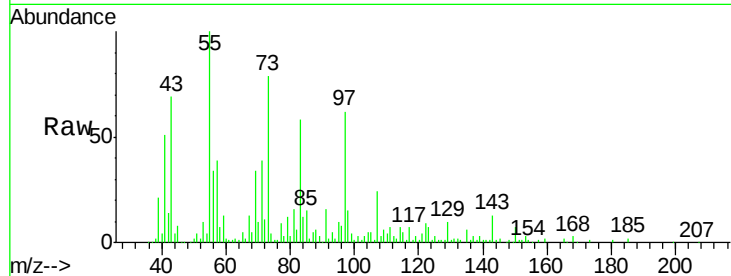
ClientSampled :

DAM48

Tot Ion:	107	Resp:	60552
Ion Ratio	Lower	Upper	
107	100		
121	15.3	38.1	57.1#
122	39.2	63.8	95.8#

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#27

2,4-Dichlorophenol

Concen: 6.81 ng/ul

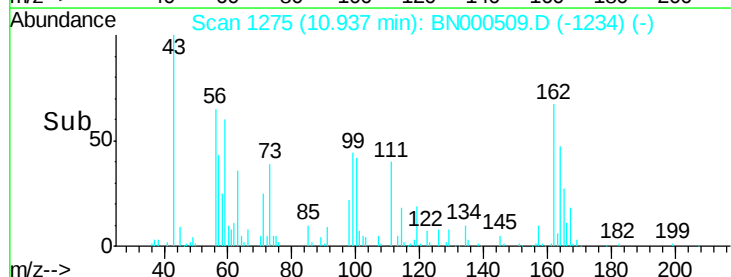
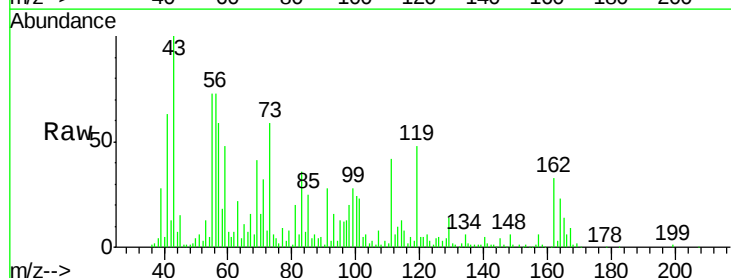
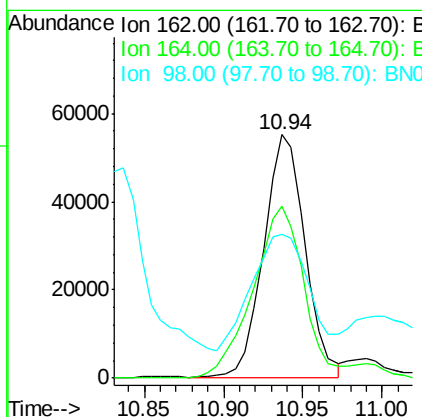
RT: 10.94 min Scan# 1275

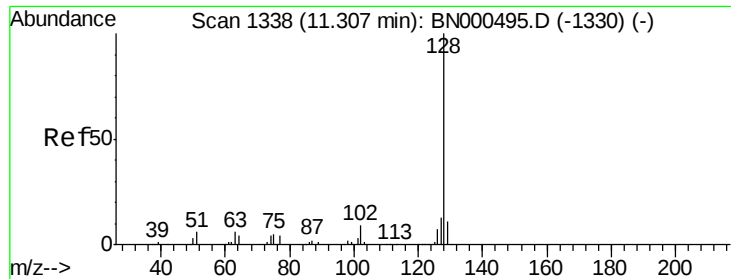
Delta R.T. 0.04 min

Lab File: BN000509.D

Acq: 21 Mar 2018 00:45

Tgt Ion:	162	Resp:	100759
Ion Ratio	Lower	Upper	
162	100		
164	70.4	52.0	78.0
98	59.2	26.6	39.8#





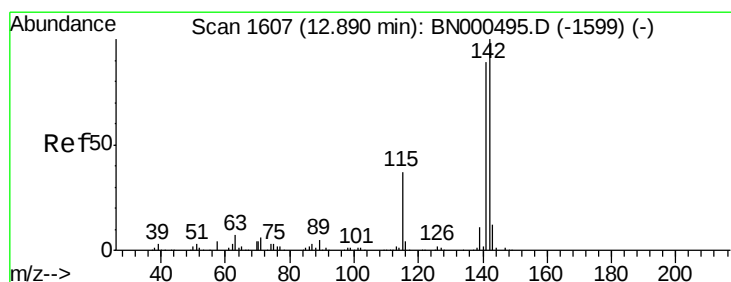
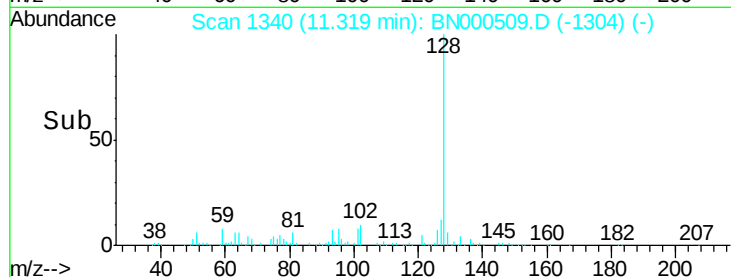
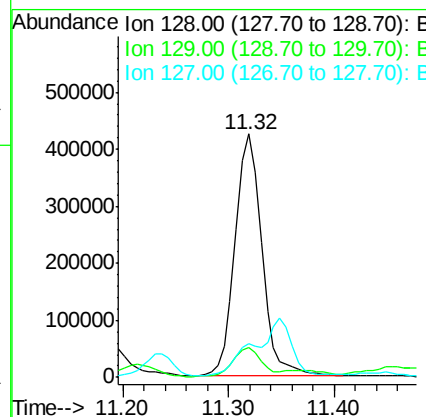
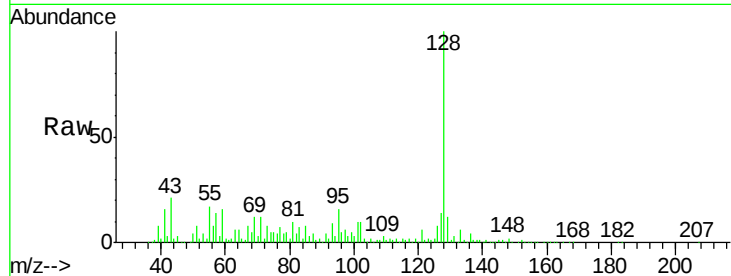
#28
Naphthalene
Concen: 14.18 ng/ul
RT: 11.32 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BN000509.D
Acq: 21 Mar 2018 00:45

Instrument :
BNA_N
ClientSampled :
DAM48

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.3	12.5
127	13.6	10.8	16.2

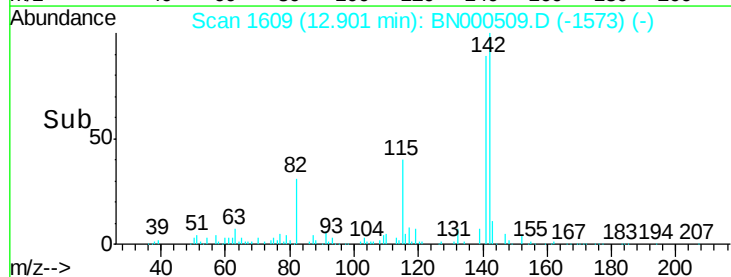
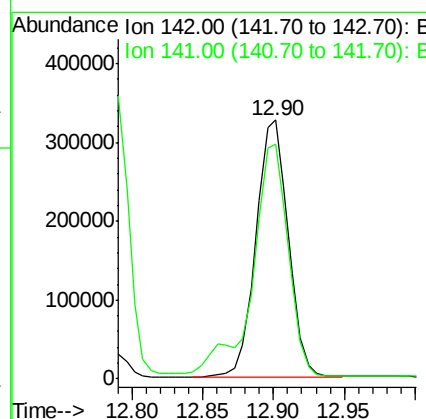
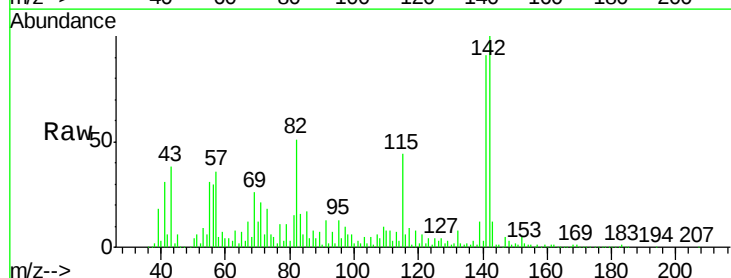
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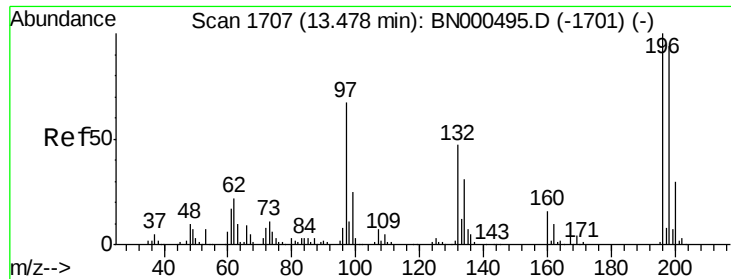
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#34
2-Methylnaphthalene
Concen: 14.81 ng/ul
RT: 12.90 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BN000509.D
Acq: 21 Mar 2018 00:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.2





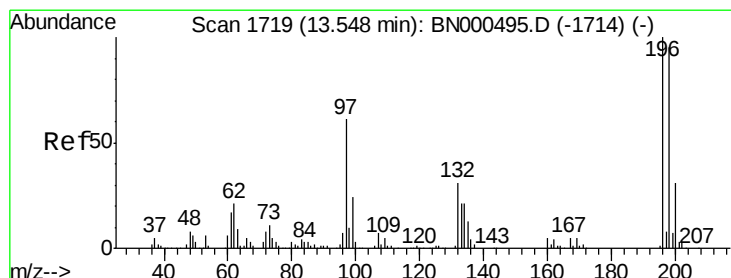
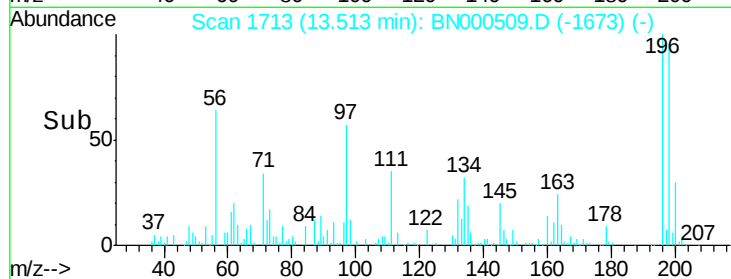
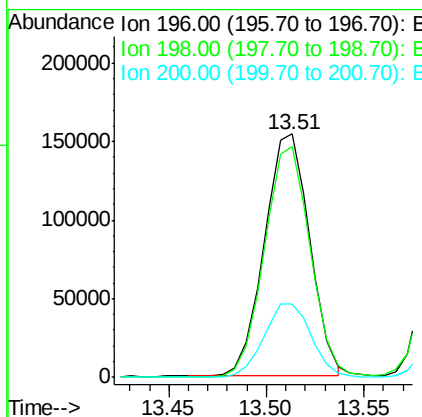
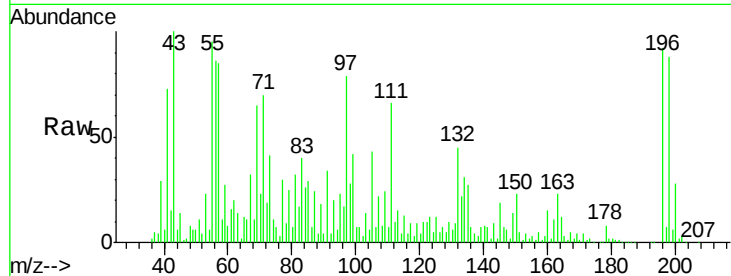
#38
 2,4,6-Trichlorophenol
 Concen: 24.60 ng/ul
 RT: 13.51 min Scan# 1713
 Delta R.T. 0.04 min
 Lab File: BN000509.D
 Acq: 21 Mar 2018 00:45

Instrument :
 BNA_N
 ClientSampled :
 DAM48

Tot Ion	Ratio	Resp	Lower	Upper
196	100	248233		
198	94.8	75.9	113.9	
200	30.4	25.8	38.6	

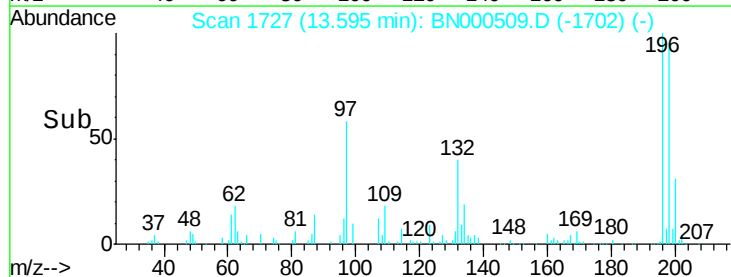
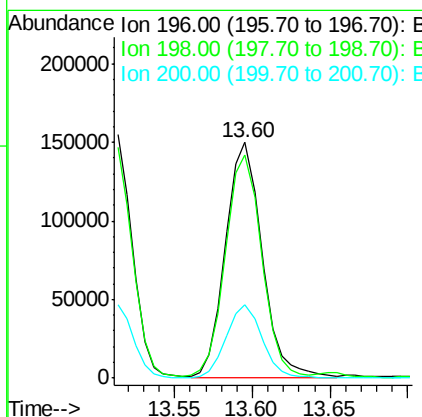
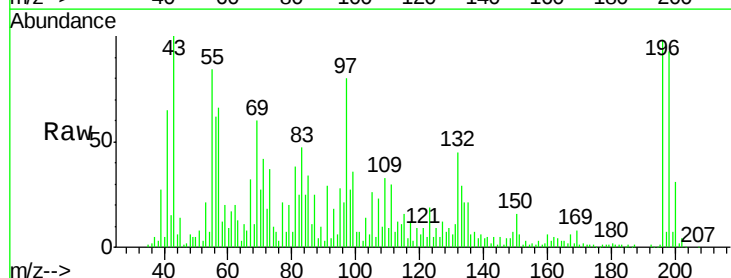
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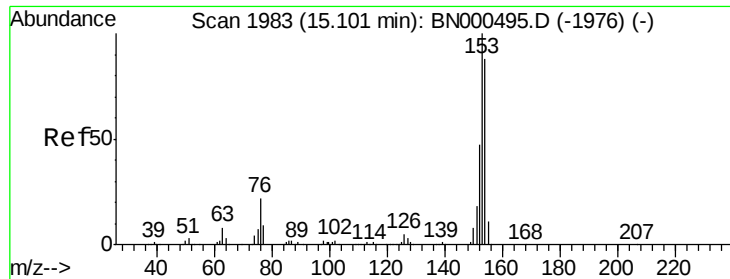
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#39
 2,4,5-Trichlorophenol
 Concen: 23.08 ng/ul m
 RT: 13.60 min Scan# 1727
 Delta R.T. 0.05 min
 Lab File: BN000509.D
 Acq: 21 Mar 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242831		
198	95.0	74.7	112.1	
200	31.1	25.4	38.0	





#49

Acenaphthene

Concen: 2.32 ng/ul

RT: 15.11 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BN000509.D

Acq: 21 Mar 2018 00:45

Instrument :

BNA_N

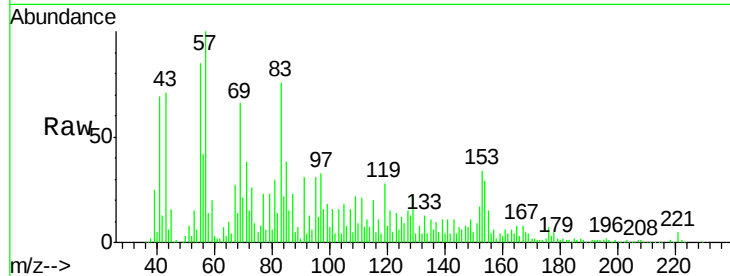
ClientSampled :

DAM48

Tot Ion:	153	Resp:	80024
Ion Ratio	Lower	Upper	
153	100		
152	48.9	37.9	56.9
154	85.4	69.8	104.6

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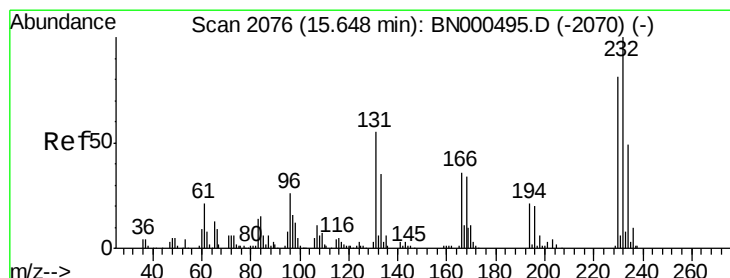
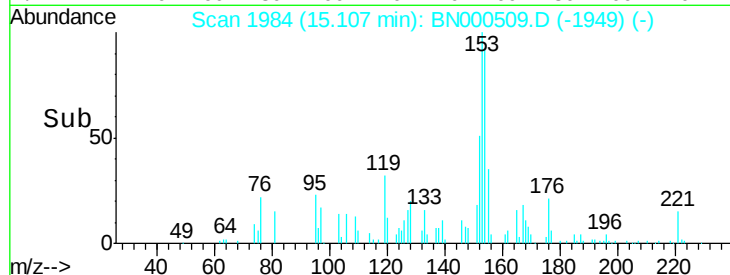
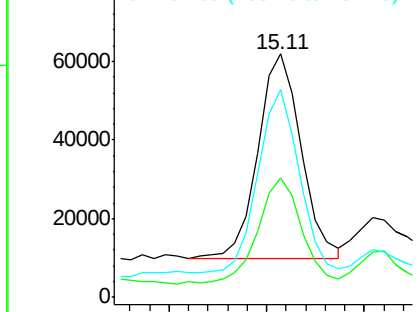


Abundance

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



#55

2,3,4,6-Tetrachlorophenol

Concen: 1865.55 ng/ul m

RT: 15.74 min Scan# 2092

Delta R.T. 0.09 min

Lab File: BN000509.D

Acq: 21 Mar 2018 00:45

Tgt Ion:	232	Resp:	14988589
Ion Ratio	Lower	Upper	
232	100		
131	36.4	48.0	72.0#
130	0.0	4.0	6.0#
166	27.8	32.0	48.0#

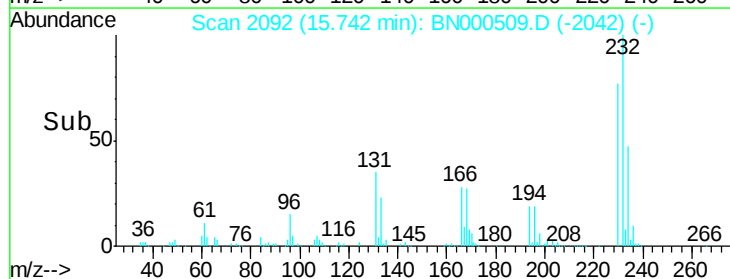
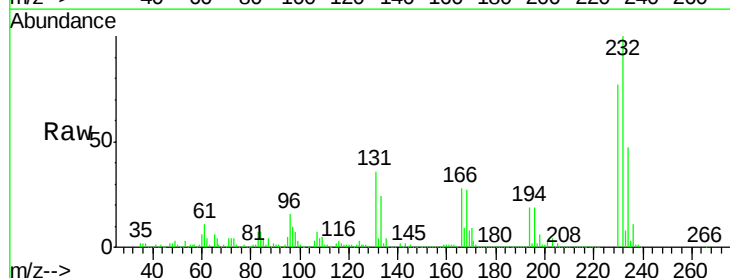
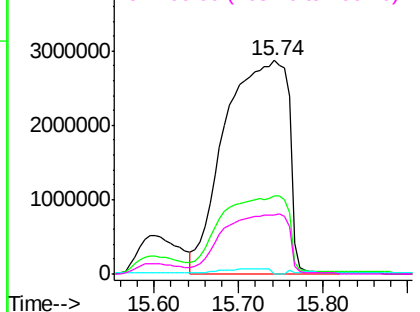
Abundance

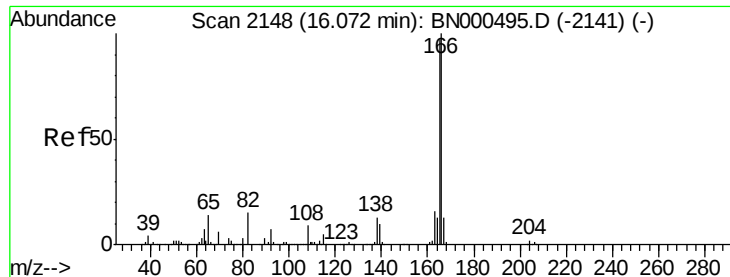
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





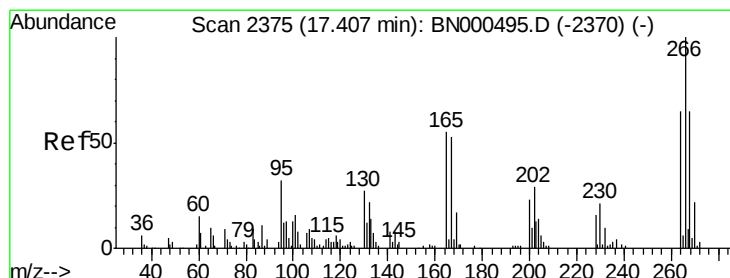
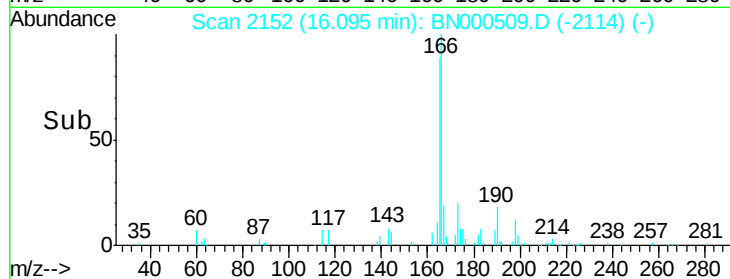
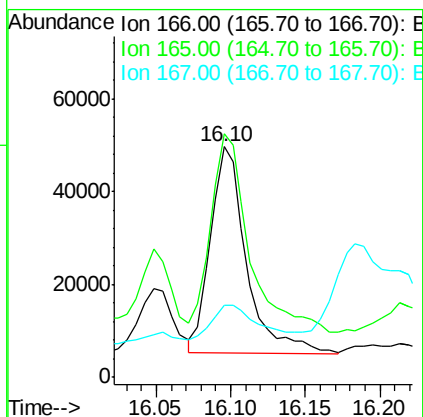
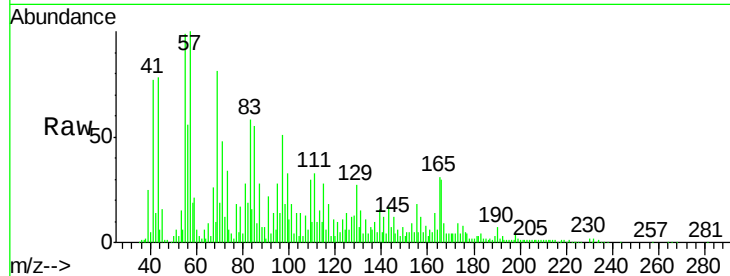
#58
 Fluorene
 Concen: 2.00 ng/ul
 RT: 16.10 min Scan# 2152
 Delta R.T. 0.02 min
 Lab File: BN000509.D
 Acq: 21 Mar 2018 00:45

Instrument :
 BNA_N
 ClientSampled :
 DAM48

Tot Ion	Ratio	Lower	Upper
166	100		
165	105.5	78.4	117.6
167	31.2	11.1	16.7#

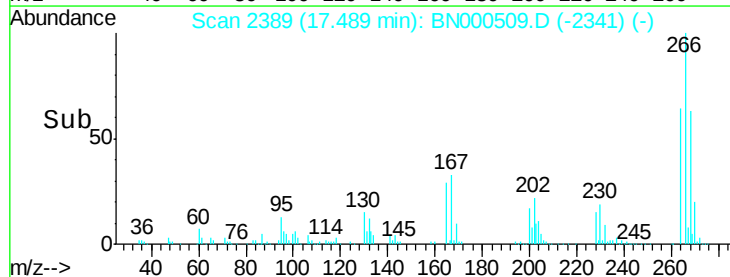
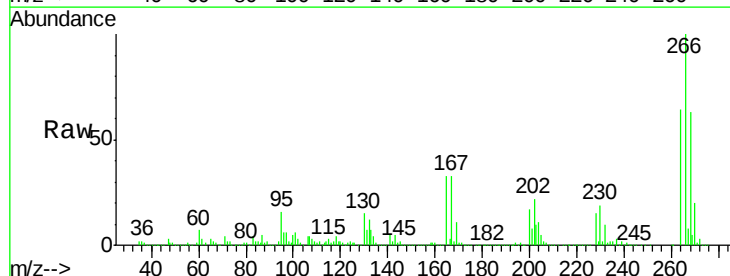
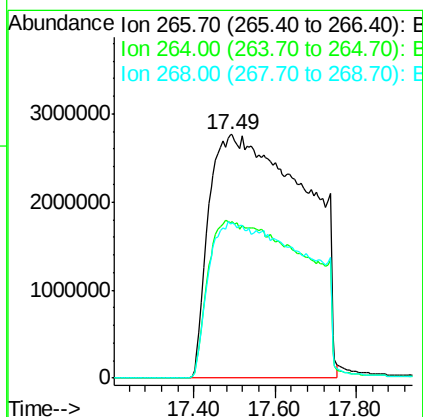
Manual Integrations
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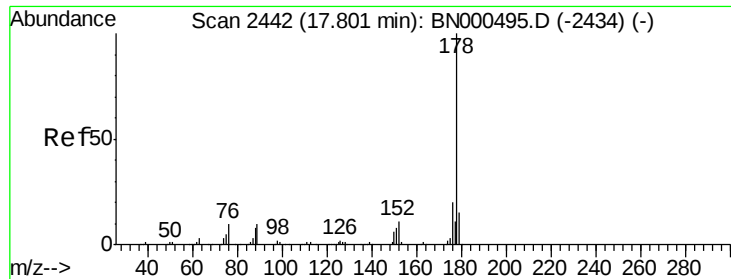
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#68
 Pentachlorophenol
 Concen: 9838.01 ng/ul m
 RT: 17.49 min Scan# 2389
 Delta R.T. 0.08 min
 Lab File: BN000509.D
 Acq: 21 Mar 2018 00:45

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.6	48.2	72.4
268	63.3	52.3	78.5





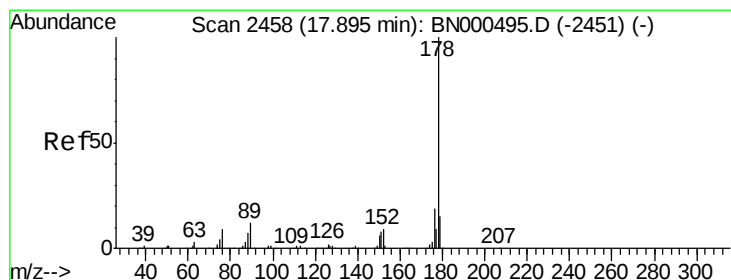
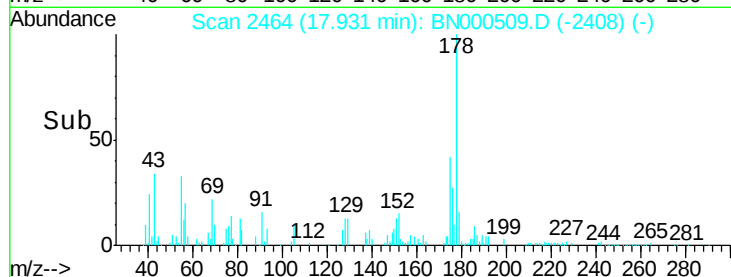
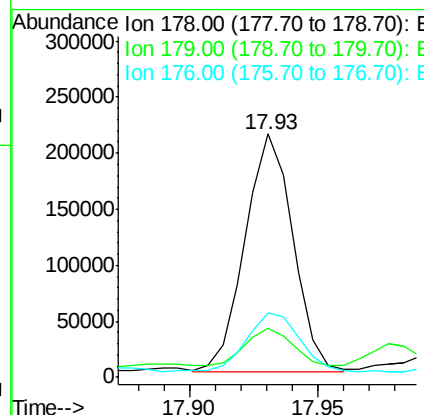
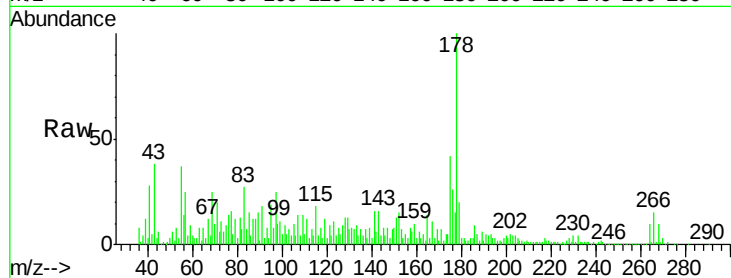
#69
Phenanthrene
Concen: 5.86 ng/ul m
RT: 17.93 min Scan# 2464
Delta R.T. 0.13 min
Lab File: BN000509.D
Acq: 21 Mar 2018 00:45

Instrument :
BNA_N
ClientSampled :
DAM48

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.0	12.3	18.5#
176	26.3	15.4	23.0#

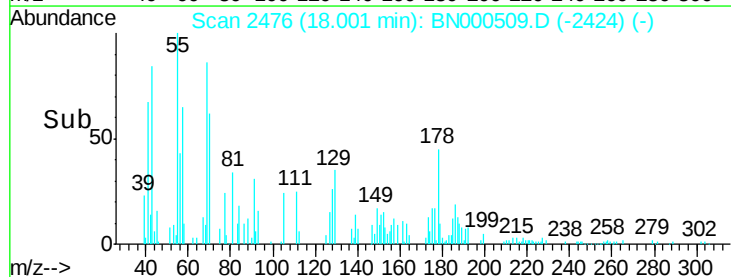
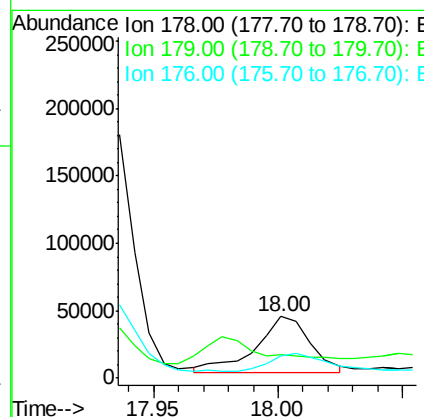
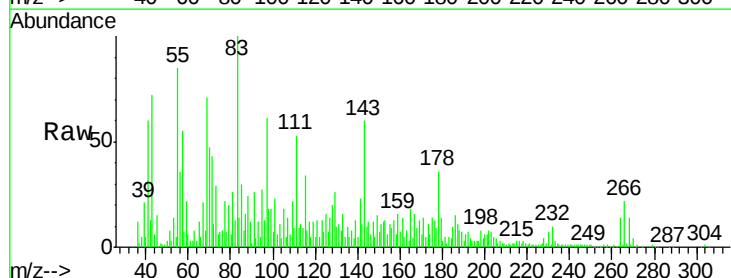
Manual Integrations
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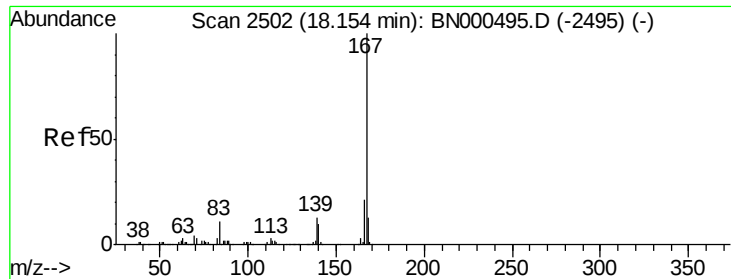
Sohil
3/22/2018 6:48:16 PM



#71
Anthracene
Concen: 1.32 ng/ul m
RT: 18.00 min Scan# 2476
Delta R.T. 0.11 min
Lab File: BN000509.D
Acq: 21 Mar 2018 00:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	38.9	13.4	20.2#
176	36.1	15.4	23.0#





#72

Carbazole

Concen: 11.46 ng/ul m

RT: 18.22 min Scan# 2513

Delta R.T. 0.06 min

Lab File: BN000509.D

Acq: 21 Mar 2018 00:45

Instrument :

BNA_N

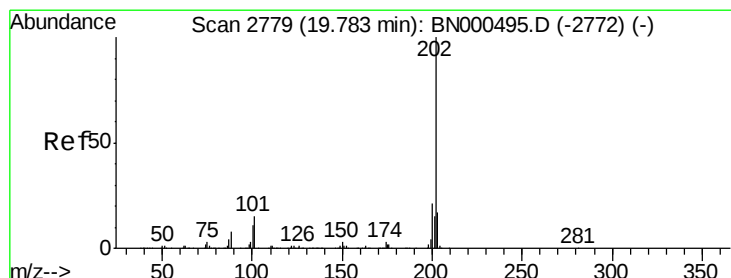
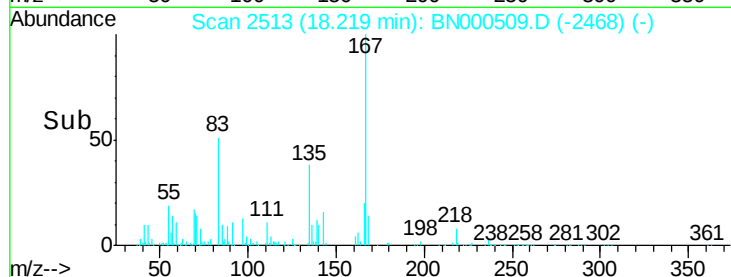
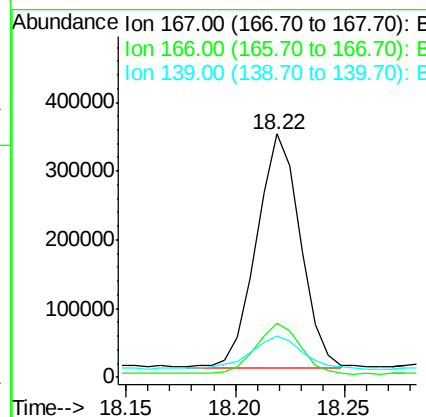
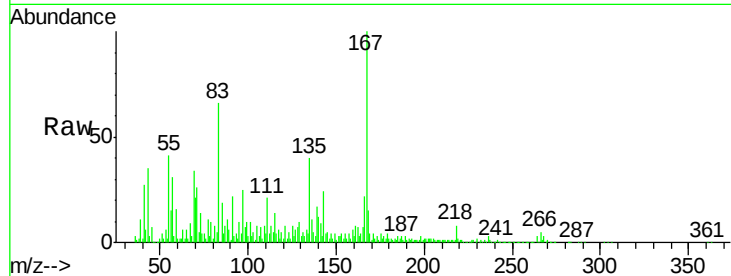
ClientSampled :

DAM48

Tot Ion:	167	Resp:	473925
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.0	25.4
139	16.8	9.1	13.7#

Manual Integrations
APPROVED

Sohil
3/22/2018 6:48:16 PM



#74

Fluoranthene

Concen: 2.34 ng/ul m

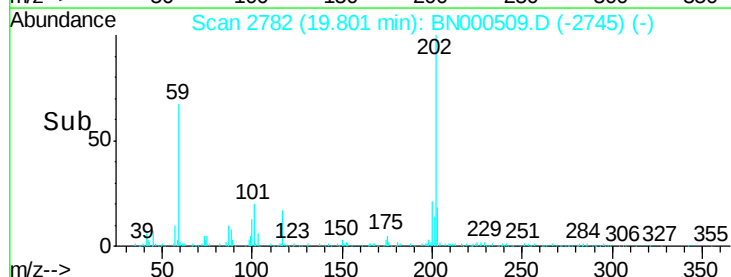
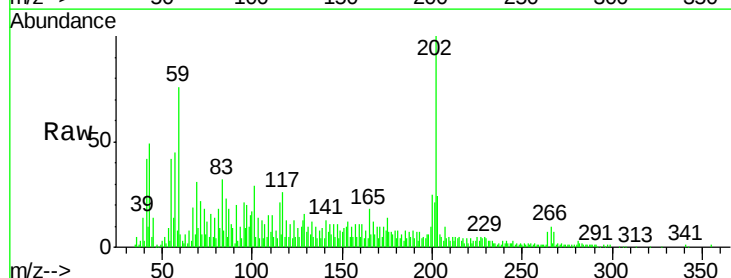
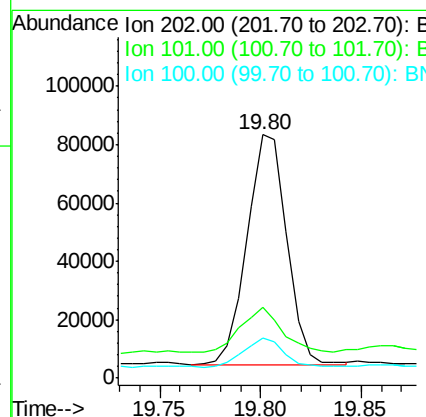
RT: 19.80 min Scan# 2782

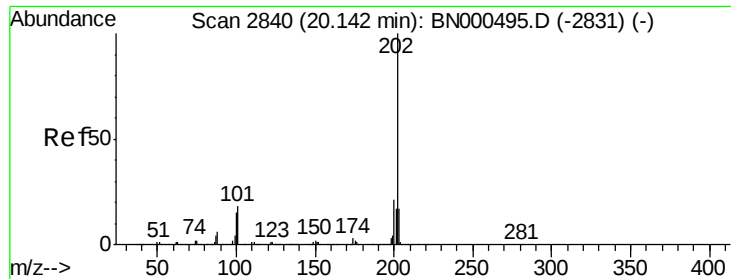
Delta R.T. 0.02 min

Lab File: BN000509.D

Acq: 21 Mar 2018 00:45

Tgt Ion:	202	Resp:	109530
Ion Ratio	Lower	Upper	
202	100		
101	29.0	6.1	9.1#
100	16.7	4.6	7.0#





#77
 Pvrene
 Concen: 1.50 ng/ul
 RT: 20.16 min Scan# 2843
 Delta R.T. 0.02 min
 Lab File: BN000509.D
 Acq: 21 Mar 2018 00:45

Instrument :
 BNA_N
 ClientSampleId :
 DAM48

Tot Ion:	202	Resp:	73345
Ion Ratio	Lower	Upper	
202	100		
101	31.8	6.9	10.3#
100	21.1	5.6	8.4#

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:48:16 PM

