

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007818.D
 Acq On : 24 Sep 2019 01:04
 Operator : HP/JU
 Sample : K4895-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFDH1

Manual Integrations
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mohammad
 9/24/2019 8:33:38 AM

Quant Time: Sep 24 11:24:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 23 15:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	576278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2311662	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1490413	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3199193	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3460917	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	4038734	20.00	ng/ul	0.00

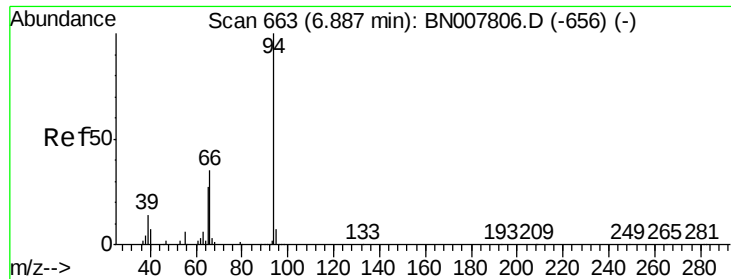
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	15242	1.01	ng/uL	0.01
5) Phenol-d5	6.86	99	331775	6.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	668981	21.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	767912	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	574734	13.74	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	449652	26.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	487631	30.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	925959	24.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1297497	26.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3419510	28.83	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3616753	26.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	160216	7.59	ng/ul	0.00
57) Fluorene-d10	15.31	176	2871712	27.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	511736	29.64	ng/ul	0.00
70) Anthracene-d10	17.16	188	4849363	30.45	ng/ul	0.00
78) Pyrene-d10	19.46	212	5784047	31.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6666261	31.72	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.89	94	3135613	52.591	ng/ul 100
11) 2-Methylphenol	8.13	108	770897	18.233	ng/ul 98
16) 4-Methylphenol	8.45	108	3303713	71.233	ng/ul 100
24) 2,4-Dimethylphenol	9.65	107	2511202m	51.502	ng/ul
28) Naphthalene	10.51	128	2231788	17.121	ng/ul 99
34) 2-Methylnaphthalene	12.12	142	954630	10.142	ng/ul 99
44) Dimethylphthalate	13.77	163	660259	5.462	ng/ul 100
69) Phenanthrene	17.10	178	201765	1.063	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.19	149	396013	2.935	ng/ul 97

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



#6

Phenol

Concen: 52.591 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. 0.01 min

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Instrument :

BNA_N

ClientSampled :

BFDH1

Tot Ion: 94 Resp: 3135613

Ion Ratio Lower Upper

94 100

65 26.5 20.7 31.1

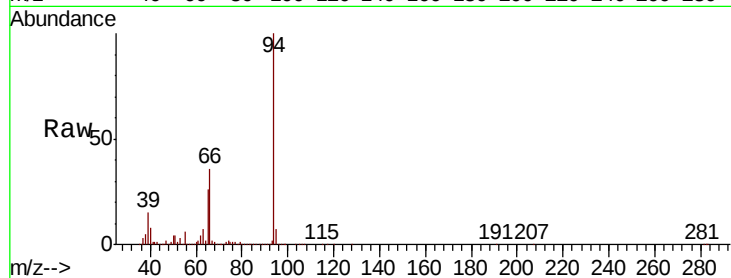
66 35.7 28.6 42.8

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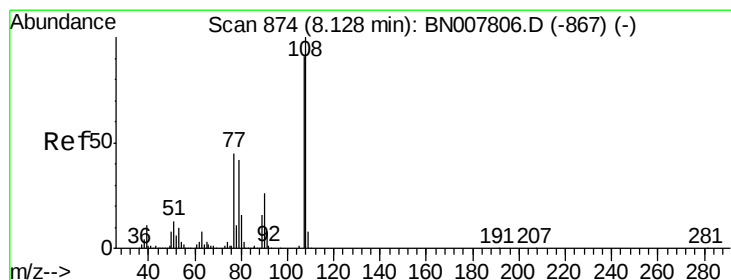
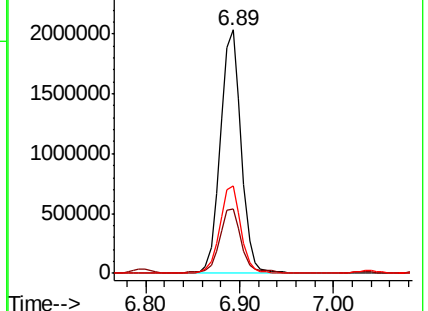
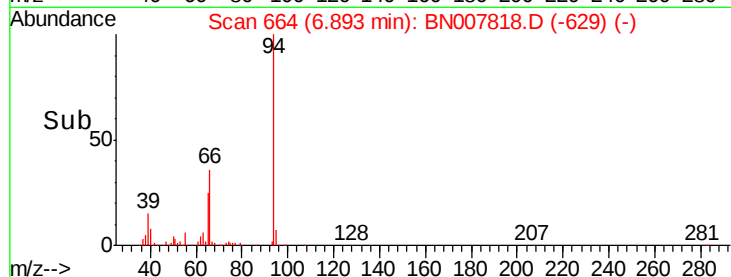
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Abundance Ion 94.00 (93.70 to 94.70): BN007806.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BN007806.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN007806.D (-656) (-)



#11

2-Methylphenol

Concen: 18.233 ng/ul

RT: 8.13 min Scan# 874

Delta R.T. 0.00 min

Lab File: BN007818.D

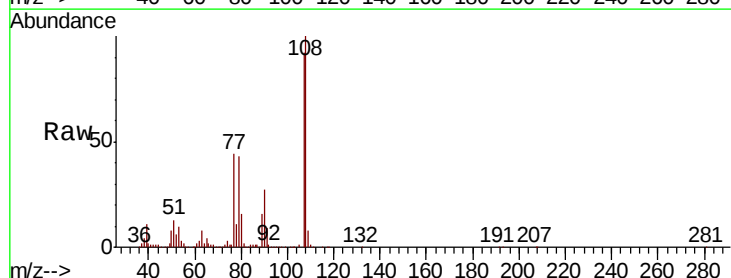
Acq: 24 Sep 2019 01:04

Tgt Ion:108 Resp: 770897

Ion Ratio Lower Upper

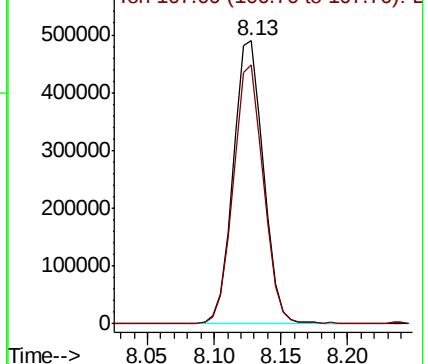
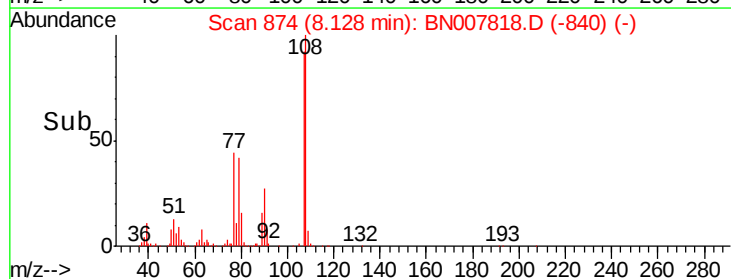
108 100

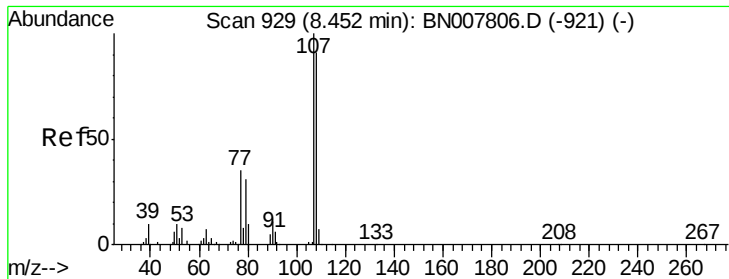
107 91.6 71.4 107.2



Abundance Ion 108.00 (107.70 to 108.70): BN007806.D (-867) (-)

Ion 107.00 (106.70 to 107.70): BN007806.D (-867) (-)





#16

4-Methylphenol

Concen: 71.233 ng/ul

RT: 8.45 min Scan# 929

Delta R.T. 0.00 min

Lab File: BN007818.D

Acq: 24 Sep 2019 01:04

Instrument :

BNA_N

ClientSampleId :

BFDH1

Tot Ion:108 Resp: 3303713

Ion Ratio Lower Upper

108 100

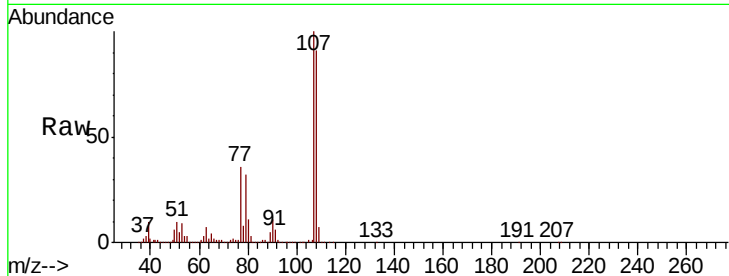
107 110.1 88.0 132.0

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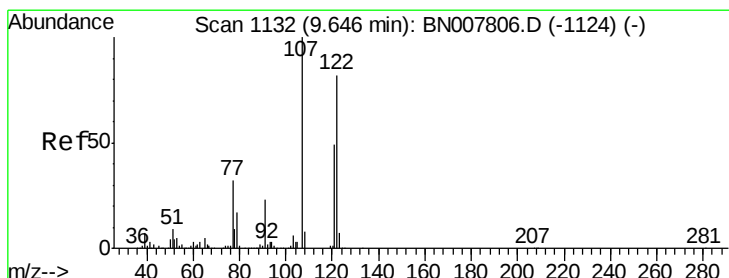
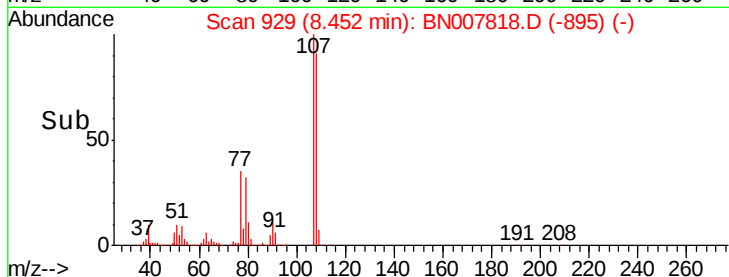
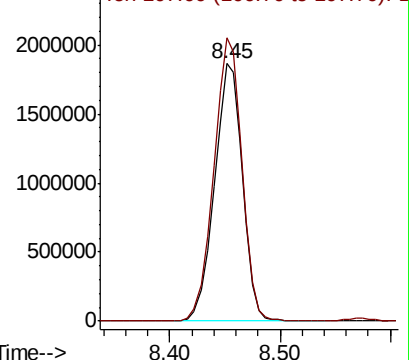
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#24

2,4-Dimethylphenol

Concen: 51.502 ng/ul m

RT: 9.65 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BN007818.D

Acq: 24 Sep 2019 01:04

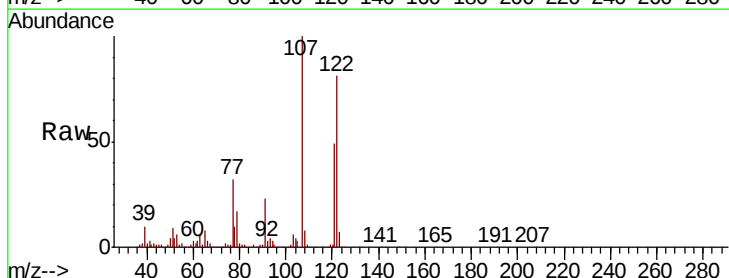
Tgt Ion:107 Resp: 2511202

Ion Ratio Lower Upper

107 100

121 49.4 38.8 58.2

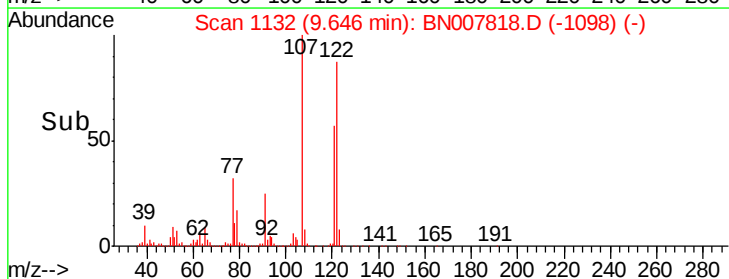
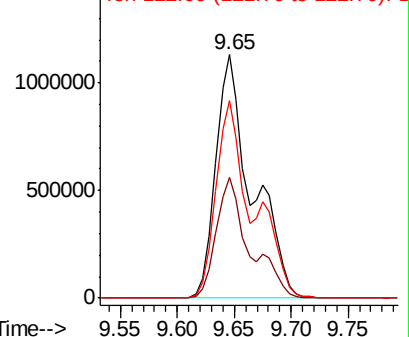
122 80.9 64.2 96.4

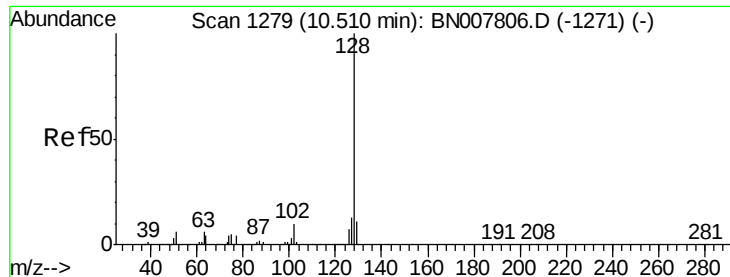


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





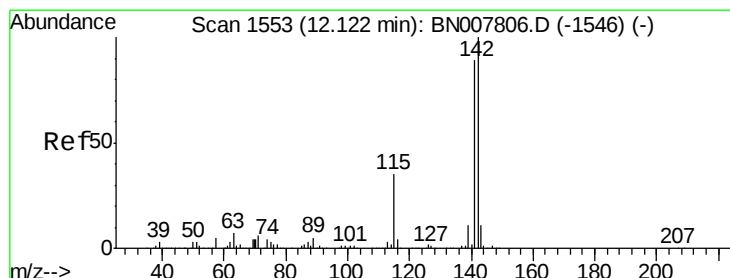
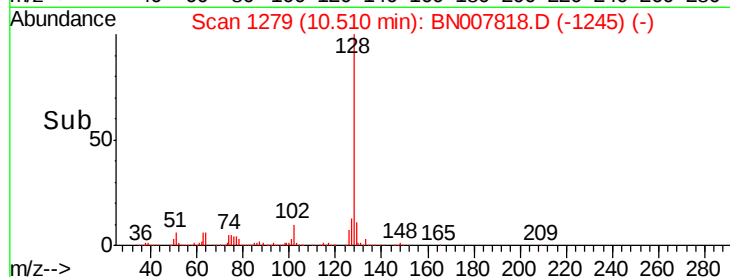
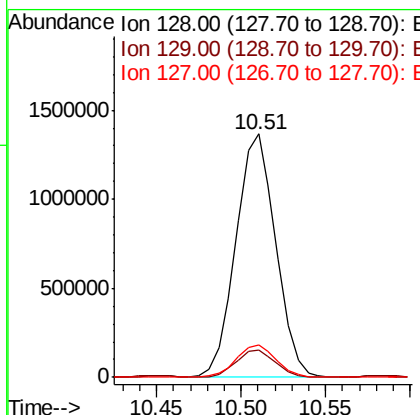
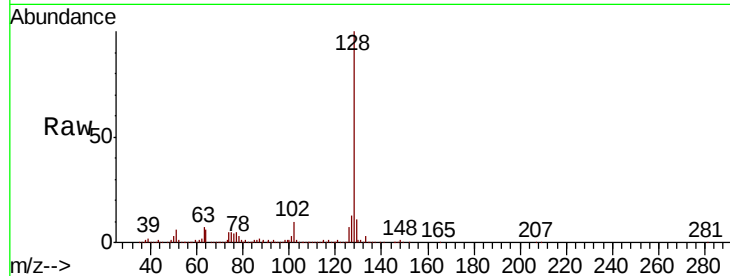
#28
Naphthalene
Concen: 17.121 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BN007818.D
Acq: 24 Sep 2019 01:04

Instrument :
BNA_N
ClientSampled :
BFDH1

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.4	11.0	16.4

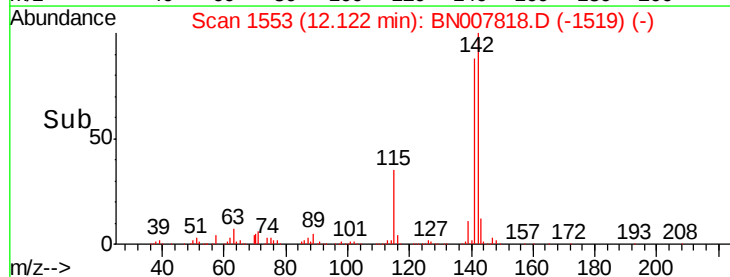
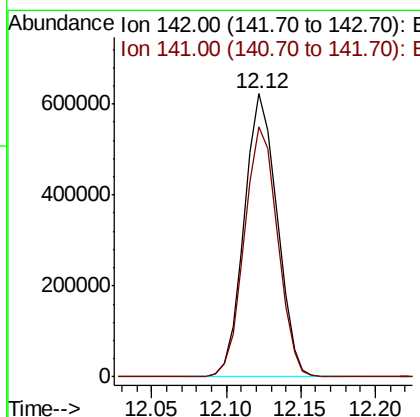
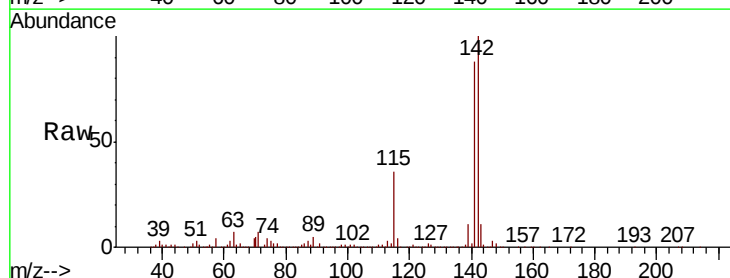
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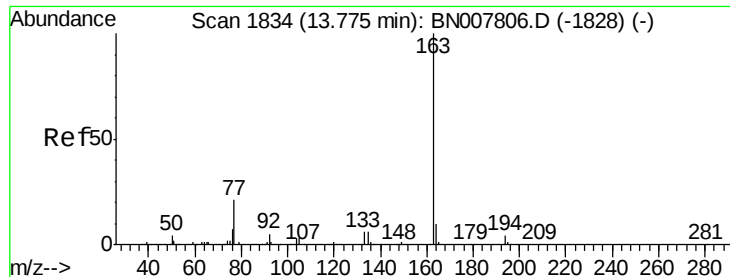
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#34
2-Methylnaphthalene
Concen: 10.142 ng/ul
RT: 12.12 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BN007818.D
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8





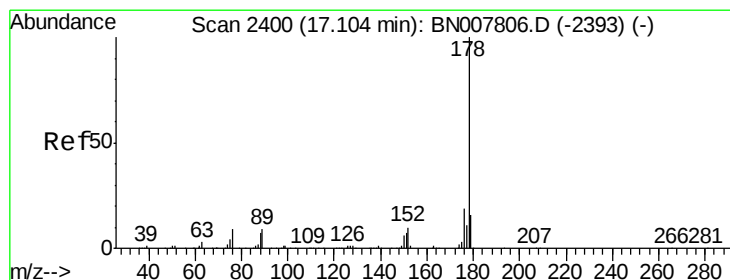
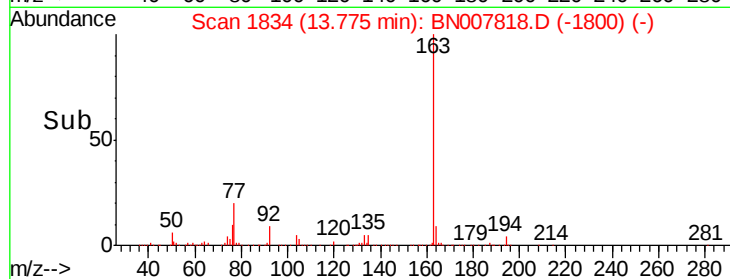
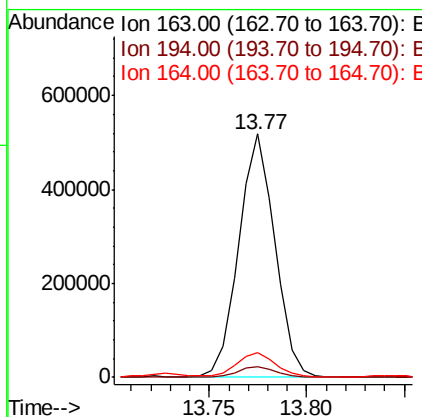
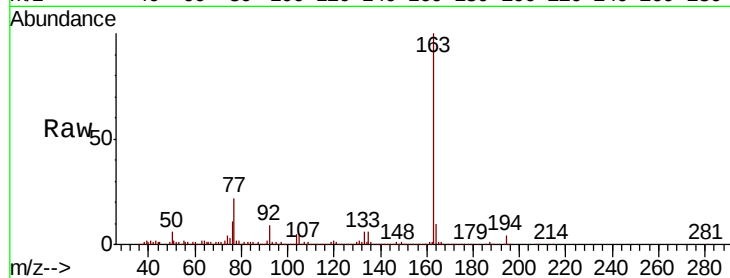
#44
Dimethylphthalate
Concen: 5.462 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007818.D
Acq: 24 Sep 2019 01:04

Instrument :
BNA_N
ClientSampleId :
BFDH1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	660259		
194	4.3		3.4	5.2
164	10.3		8.4	12.6

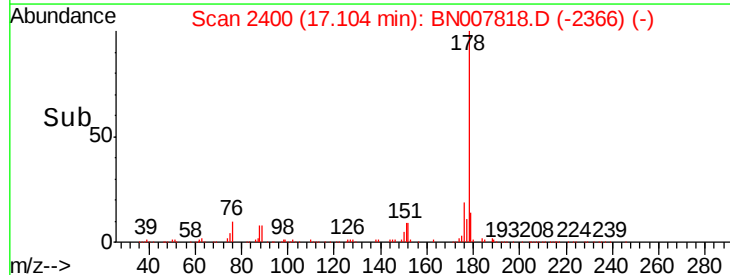
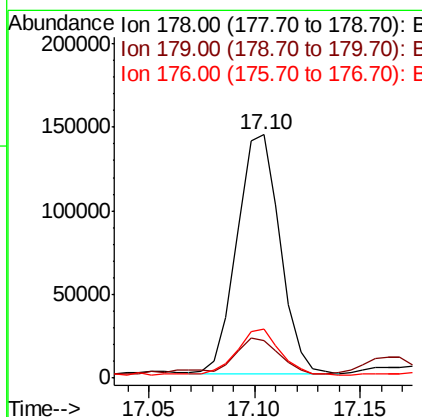
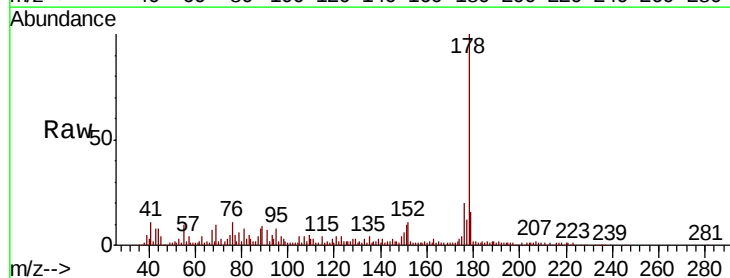
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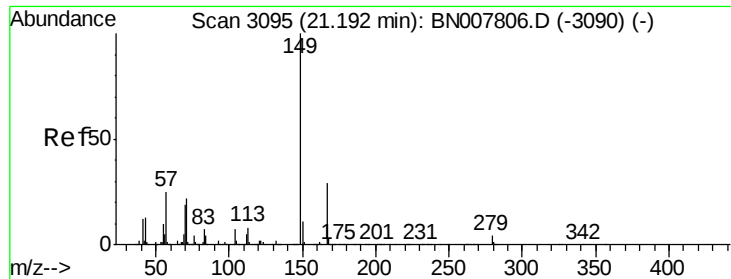
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#69
Phenanthrene
Concen: 1.063 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BN007818.D
Acq: 24 Sep 2019 01:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	201765		
179	15.6		11.9	17.9
176	20.3		15.2	22.8





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.935 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN007818.D
 Acq: 24 Sep 2019 01:04

Instrument :
 BNA_N
 ClientSampleId :
 BFDH1

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	28.6	21.8	32.6
279	4.6	3.4	5.0

Manual Integrations
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