

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022864.D
 Acq On : 01 Oct 2019 21:05
 Operator : JU
 Sample : K4983-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDM3

Manual Integrations
 APPROVED

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 10/2/2019 3:58:09 PM

Quant Time: Oct 02 13:15:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	224141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1043055	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	698564	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1407758	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1131418	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1018356	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	22693	4.38	ng/uL	0.00
5) Phenol-d5	6.97	99	132299	6.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	272628	25.15	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.34	132	330030	20.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	241289	14.88	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	200186	24.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	227333	25.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	406525	23.23	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	534842	25.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1449218	26.73	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1616270	25.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	64845	6.05	ng/ul	-0.01
58) Fluorene-d10	15.43	176	1198271	25.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	210062	22.93	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1984826	28.87	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2155657	35.40	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	1616349	30.68	ng/ul	-0.02

Target Compounds					Qvalue
24) 2,4-Dimethylphenol	9.77	107	26097m	1.333	ng/ul
28) Naphthalene	10.65	128	141640	2.514	ng/ul 99
34) 2-Methylnaphthalene	12.26	142	105220	2.491	ng/ul 99
45) Dimethylphthalate	13.89	163	139538	2.505	ng/ul 99

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

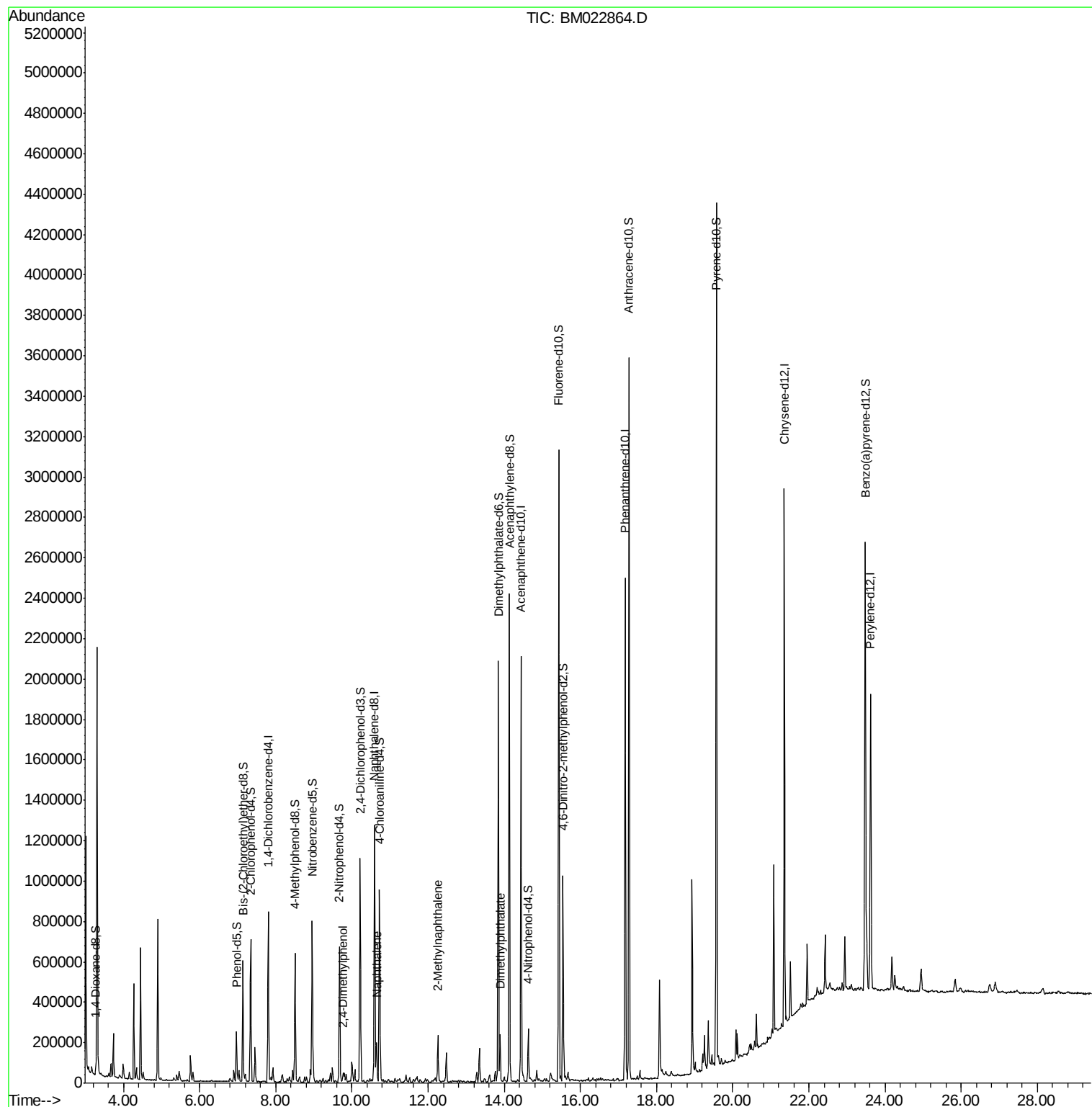
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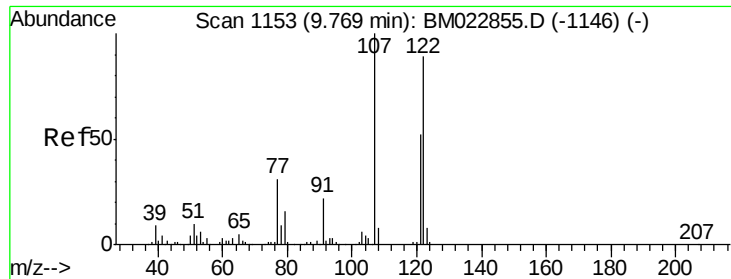
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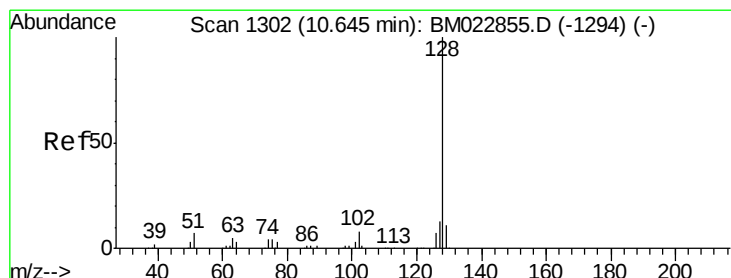
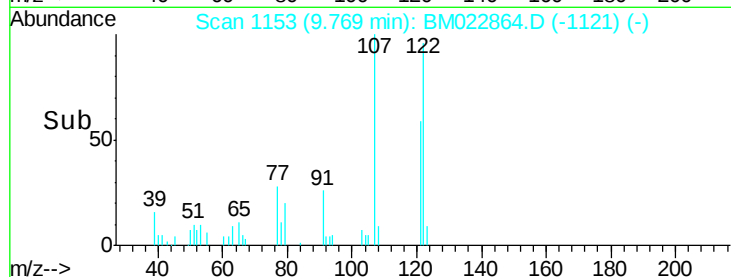
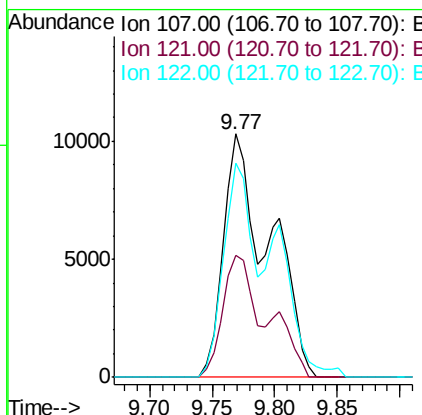
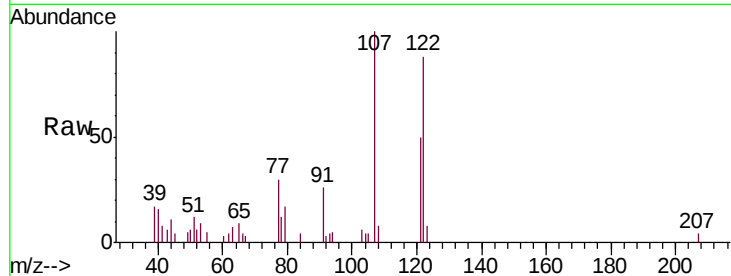
#24
2,4-Dimethylphenol
Concen: 1.333 ng/ul m
RT: 9.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM022864.D
Acq: 01 Oct 2019 21:05

Instrument :
BNA_M
ClientSampled :
BFD3

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.2	43.0	64.4
122	88.0	71.4	107.0

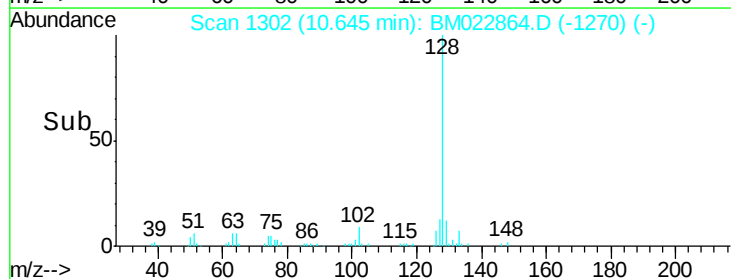
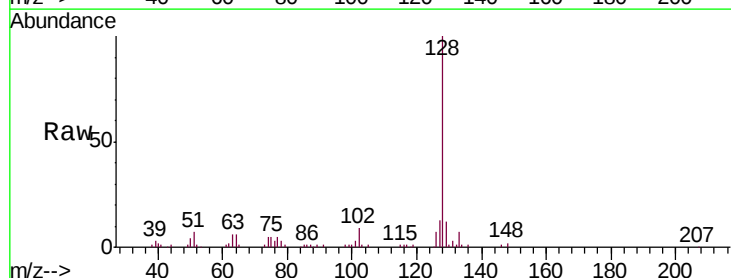
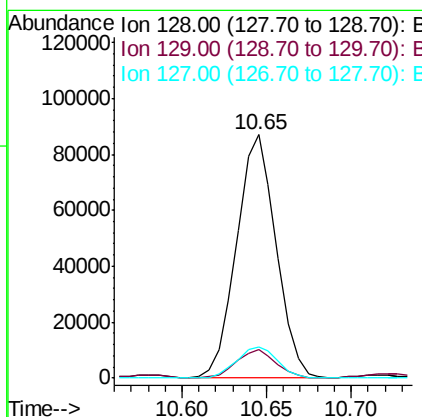
Manual Integrations
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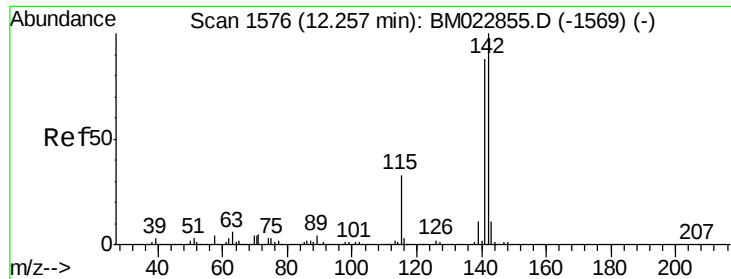
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#28
Naphthalene
Concen: 2.514 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022864.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	12.8	10.2	15.4





#34

2-Methylnaphthalene

Concen: 2.491 ng/ul

RT: 12.26 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM022864.D

Acq: 01 Oct 2019 21:05

Instrument :

BNA_M

ClientSampleId :

BFDM3

Tgt Ion:142 Resp: 105220

Ion Ratio Lower Upper

142 100

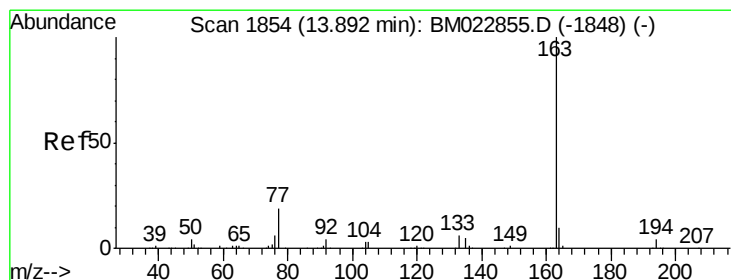
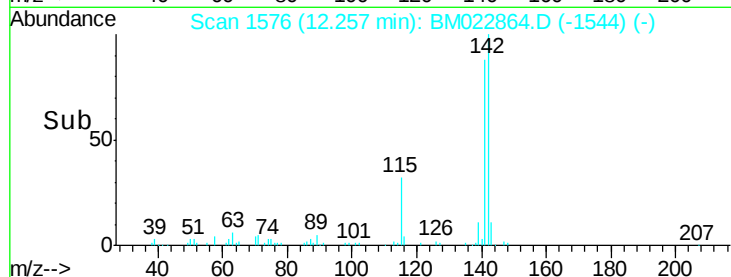
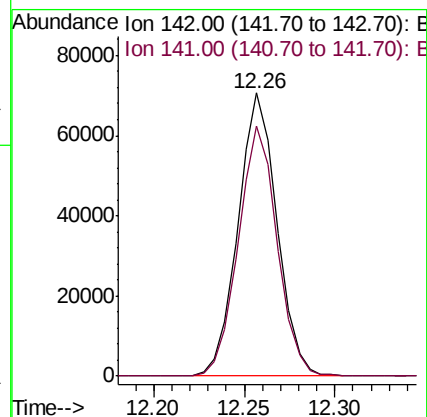
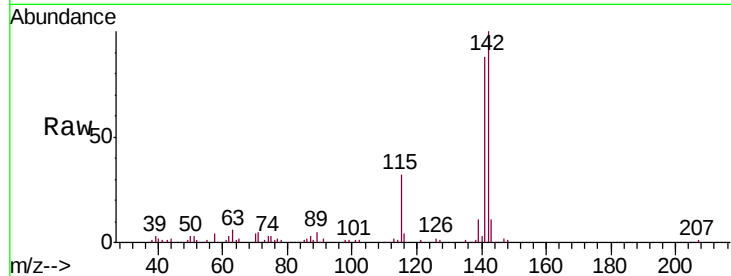
141 88.2 71.2 106.8

Manual Integrations

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#45

Dimethylphthalate

Concen: 2.505 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022864.D

Acq: 01 Oct 2019 21:05

Tgt Ion:163 Resp: 139538

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.5 8.1 12.1

