Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023504.D
Acq On : 31 Oct 2019 05:02
Operator : JU
Sample : K5487-13
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJK8

Manual Integrations APPROVED
mohammad
10/31/2019 5:10:23 PM

Quant Time: Oct 31 06:59:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 31 06:46:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	604508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	2375043	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1467369	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2981973	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2954671	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	3365858	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	59789	4.70	ng/uL	0.00
5) Phenol-d5	6.80	99	250053	4.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	622753	20.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	685360	17.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	455102	11.04	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	417461	23.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	449775	22.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	823484	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	44389	0.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	2882581	25.87	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	3158481	24.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	102858	5.33	ng/ul	0.01
58) Fluorene-d10	15.26	176	2448330	25.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	394271	21.24	ng/ul	0.00
71) Anthracene-d10	17.11	188	3955406	28.07	ng/ul	0.00
79) Pyrene-d10	19.41	212	4270993	26.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	4923393	28.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	23923	1.766	ng/uL	96
6) Phenol	6.82	94	88747	1.697	ng/ul	99
24) 2,4-Dimethylphenol	9.59	107	75349m	1.684	ng/ul	
28) Naphthalene	10.45	128	7673585	63.037	ng/ul	100
34) 2-Methylnaphthalene	12.06	142	703589	7.566	ng/ul	97
45) Dimethylphthalate	13.73	163	351031	3.138	ng/ul	99
50) Acenaphthene	14.33	153	613286	6.589	ng/ul	100

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

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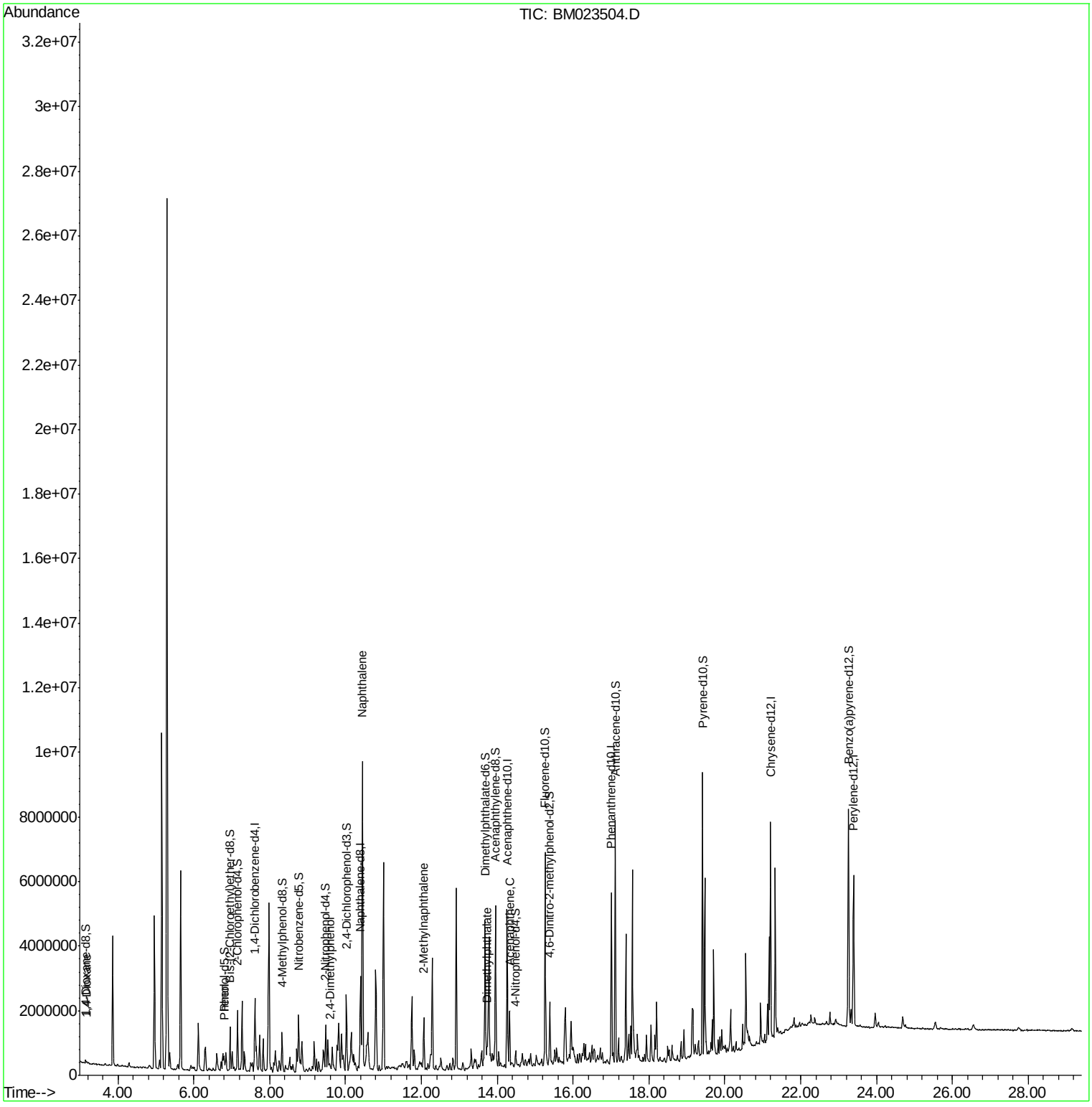
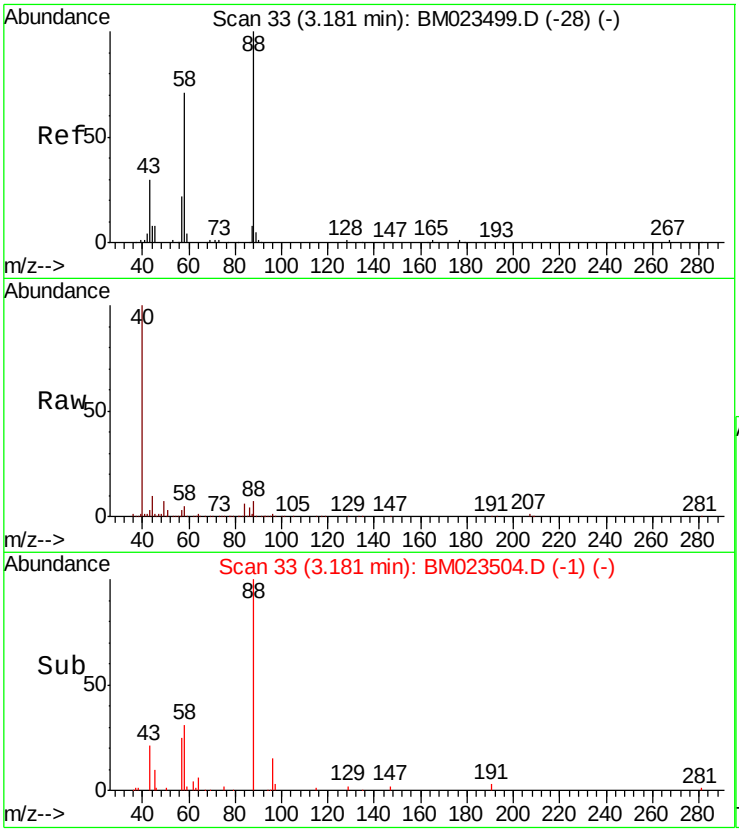
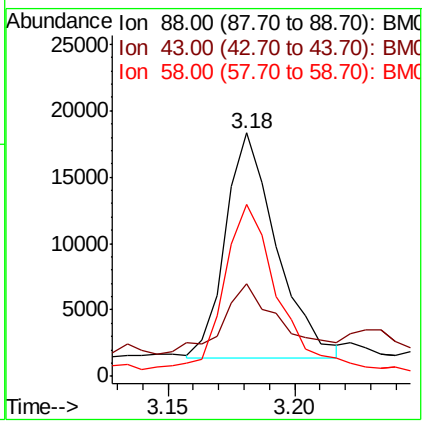




#2
1,4-Dioxane
Concen: 1.766 ng/uL
RT: 3.18 min Scan# 33
Delta R.T. -0.00 min
Lab File: BM023504.D
Acq: 31 Oct 2019 05:02

Tgt Ion: 88 Resp: 23923

Ion	Ratio	Lower	Upper
88	100		
43	38.2	26.3	39.5
58	70.7	58.0	87.0



Instrument :
BNA_M
ClientSampleId :
BEJK8

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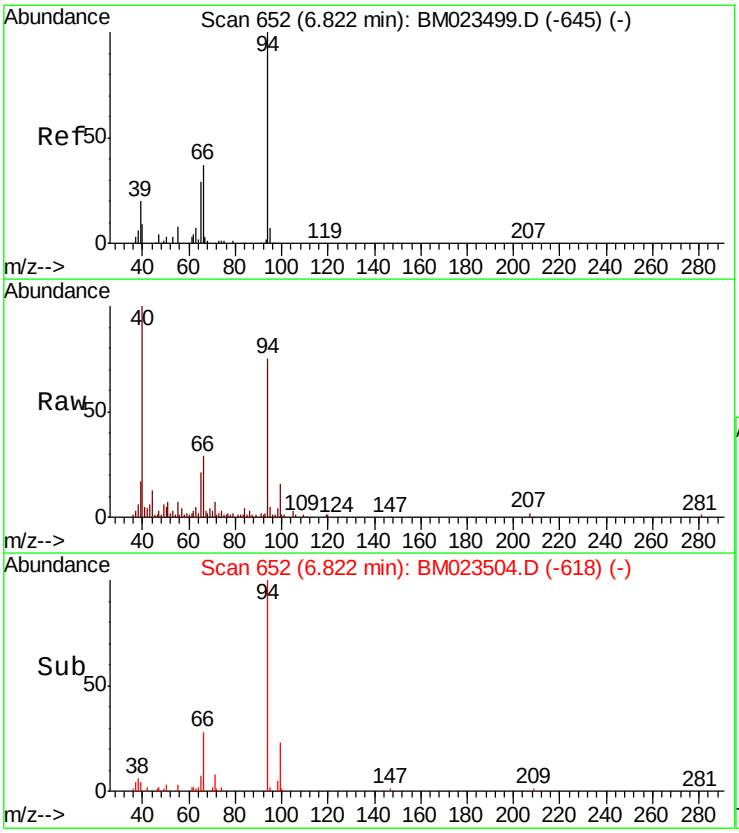
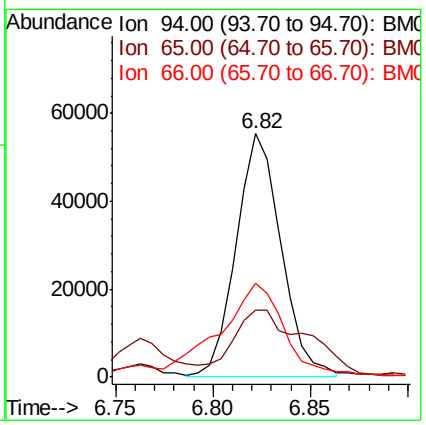
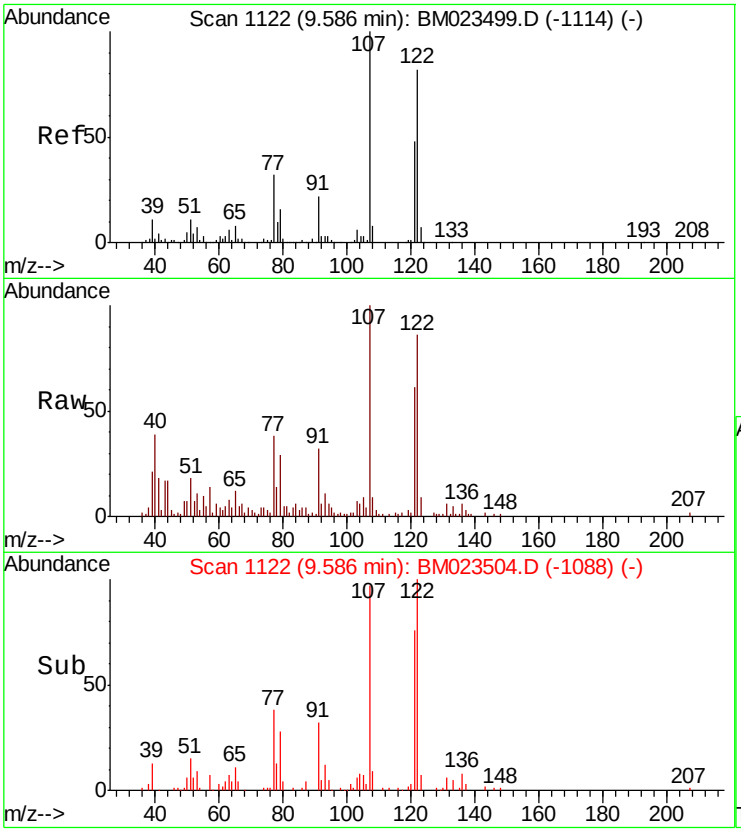


#6
Phenol
Concen: 1.697 ng/ul
RT: 6.82 min Scan# 652
Delta R.T. -0.00 min
Lab File: BM023504.D
Acq: 31 Oct 2019 05:02

Tgt Ion: 94 Resp: 88747

Ion	Ratio	Lower	Upper
94	100		
65	27.7	22.9	34.3
66	38.7	31.4	47.2

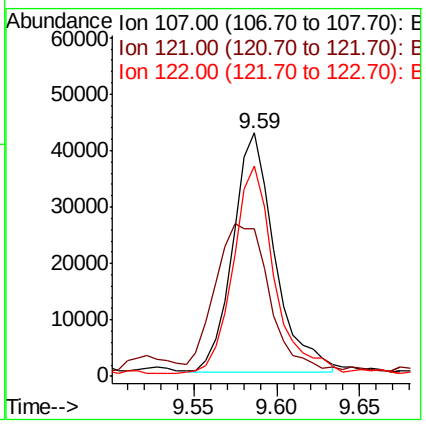




#24
2,4-Dimethylphenol
Concen: 1.684 ng/ul m
RT: 9.59 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BM023504.D
Acq: 31 Oct 2019 05:02

Tgt Ion:107 Resp: 75349

Ion	Ratio	Lower	Upper
107	100		
121	60.5	39.8	59.8#
122	86.4	66.4	99.6



Instrument :
BNA_M
ClientSampleId :
BEJK8

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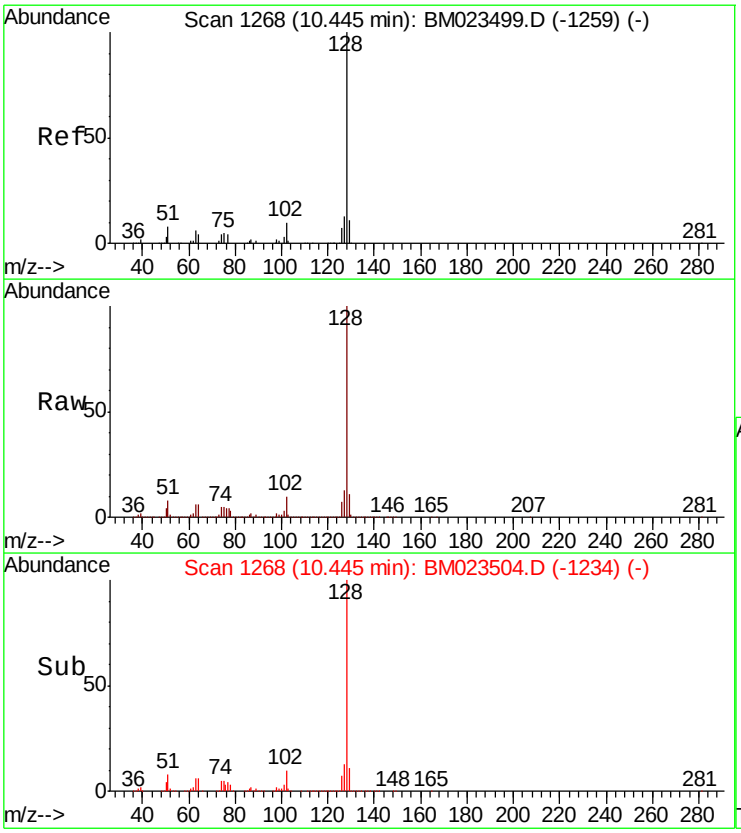
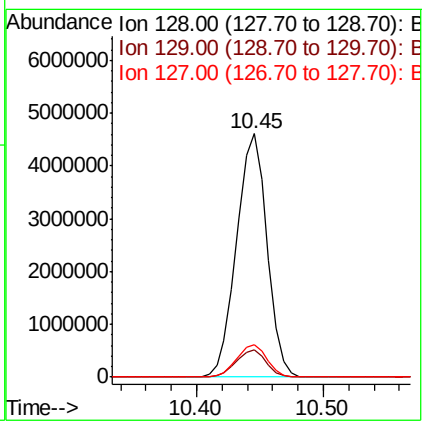
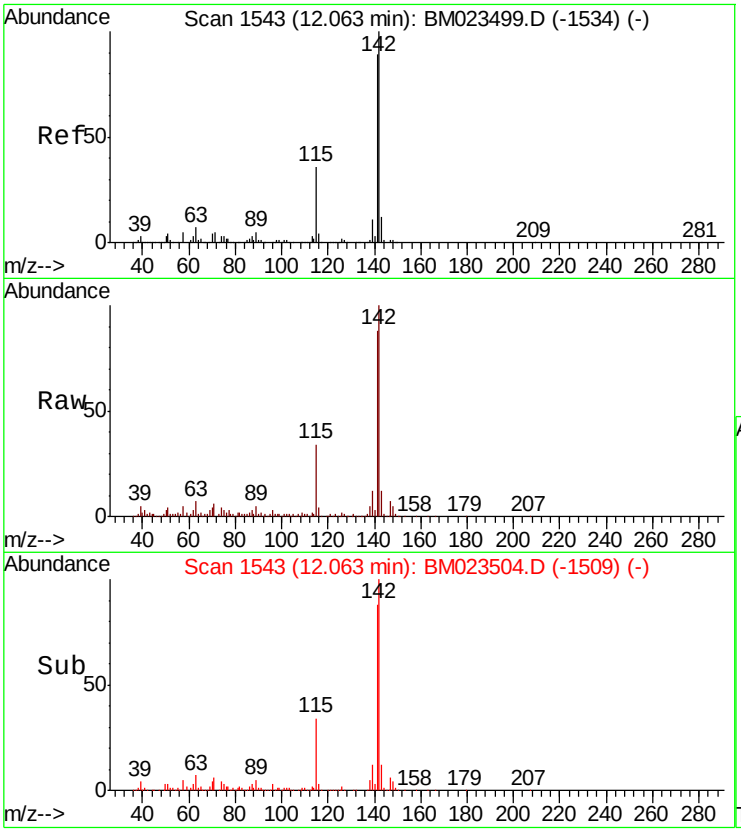


#28
Naphthalene
Concen: 63.037 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BM023504.D
Acq: 31 Oct 2019 05:02

Tgt Ion:128 Resp: 7673585

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.2	10.4	15.6





#34
2-Methylnaphthalene
Concen: 7.566 ng/ul
RT: 12.06 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BM023504.D
Acq: 31 Oct 2019 05:02

Tgt Ion:142 Resp: 703589

Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.4	108.6

Instrument :
BNA_M
ClientSampleId :
BEJK8

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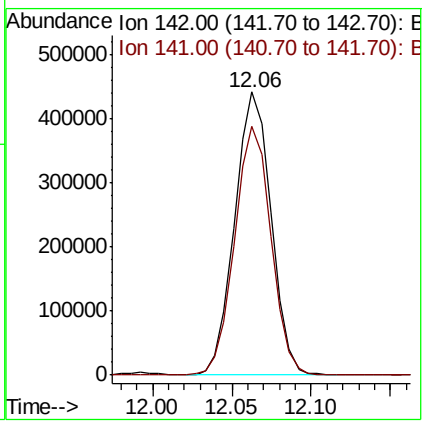
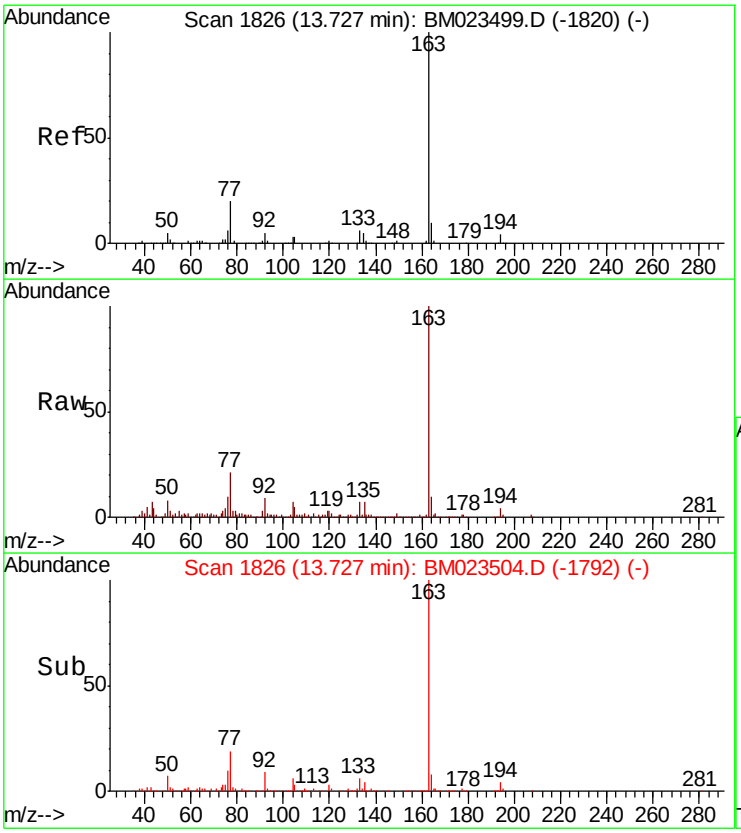
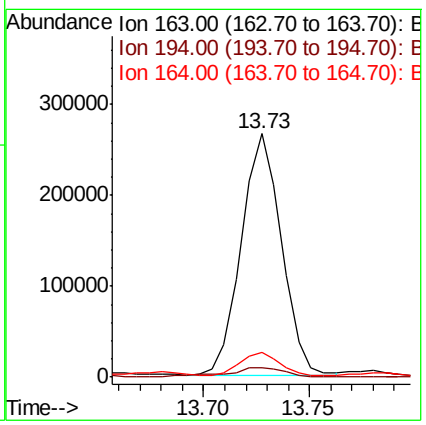


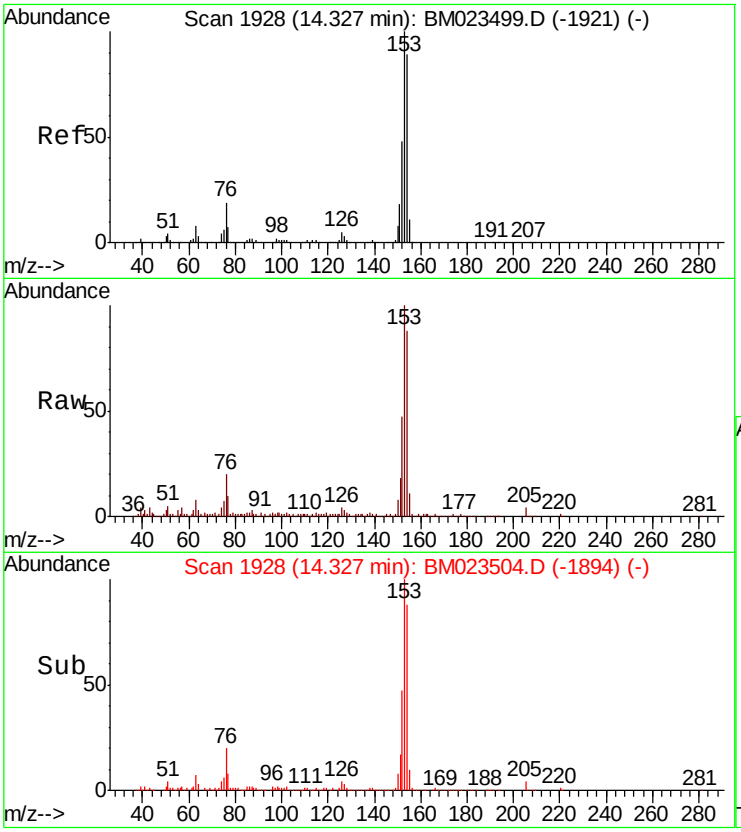


#45
Dimethylphthalate
Concen: 3.138 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BM023504.D
Acq: 31 Oct 2019 05:02

Tgt Ion:163 Resp: 351031

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	7.9	11.9

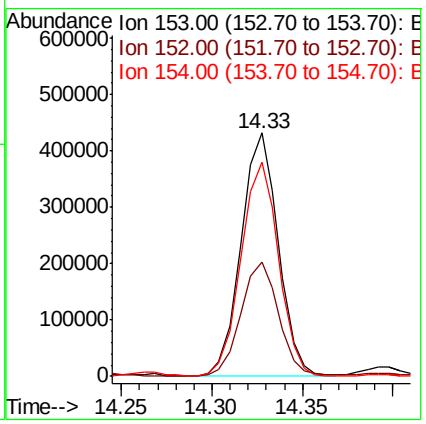




#50
Acenaphthene
Concen: 6.589 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM023504.D
Acq: 31 Oct 2019 05:02

Tgt Ion:153 Resp: 613286

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.9	56.9
154	88.1	70.6	106.0



Instrument :
BNA_M
ClientSampleId :
BEJK8

Manual Integrations APPROVED
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