Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029749.D
Acq On : 01 May 2021 15:48
Operator : CG/JU
Sample : SSTD01016
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 16:19:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010017

Manual Integrations APPROVED
mohammad
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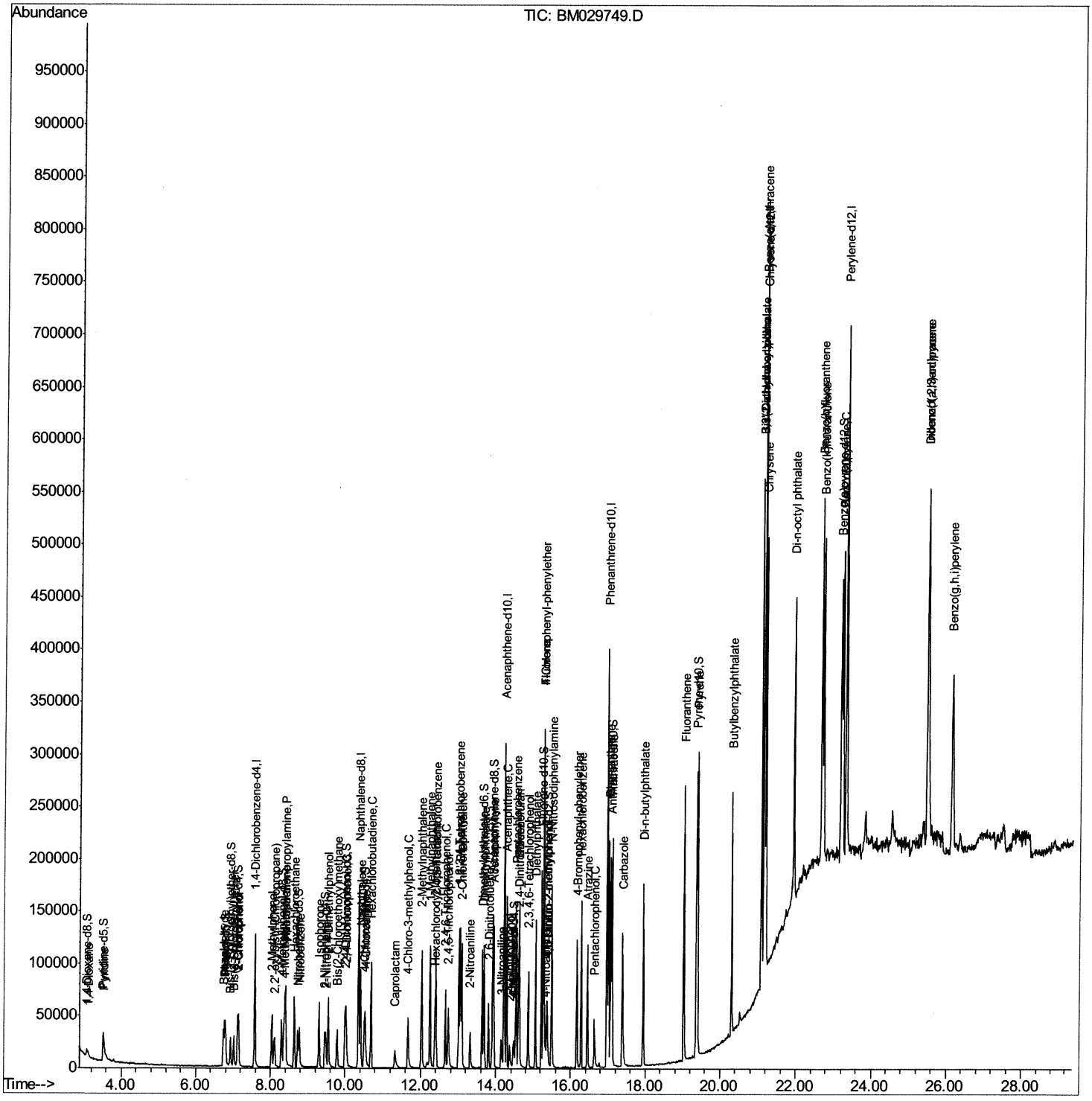

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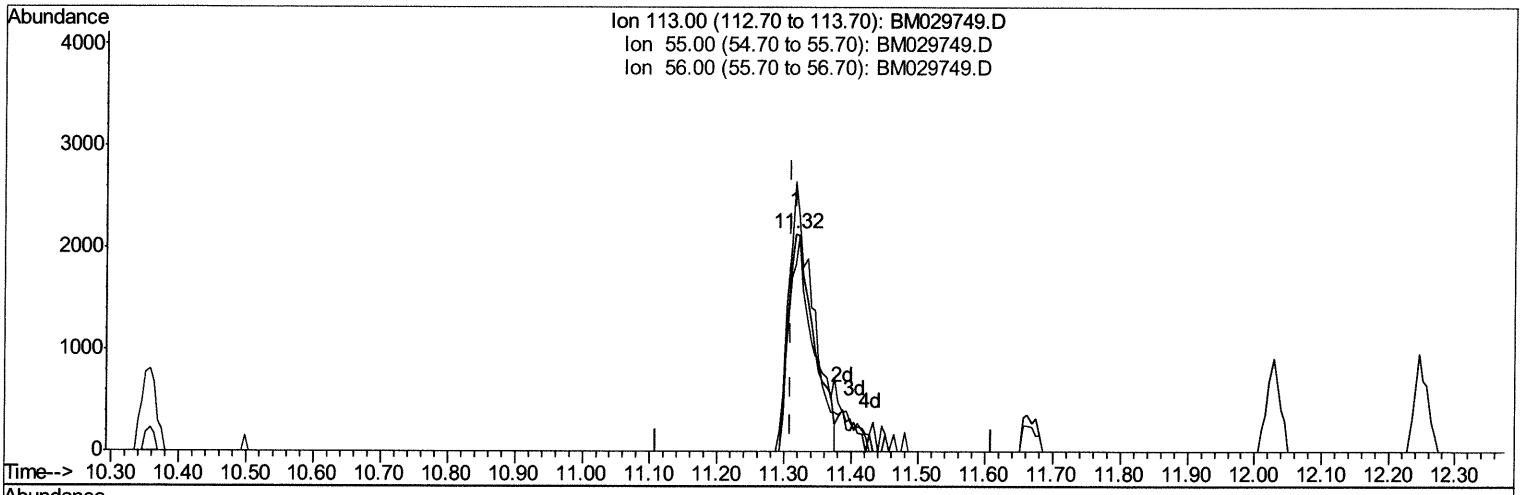

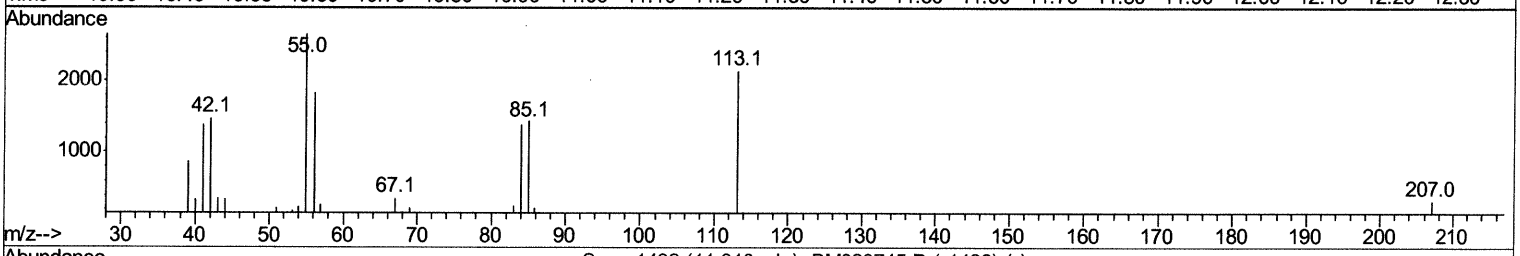

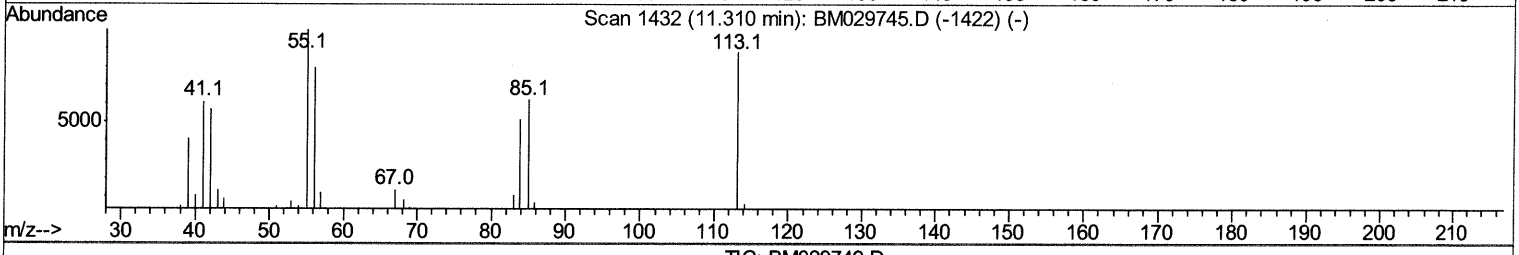

TIC: BM029749.D

(34) Caprolactam

11.316min (+0.006) 8.97ng/ul

response 5656

Ion	Exp%	Act%
113.00	100	100
55.00	113.50	123.94
56.00	90.40	85.51
0.00	0.00	0.00

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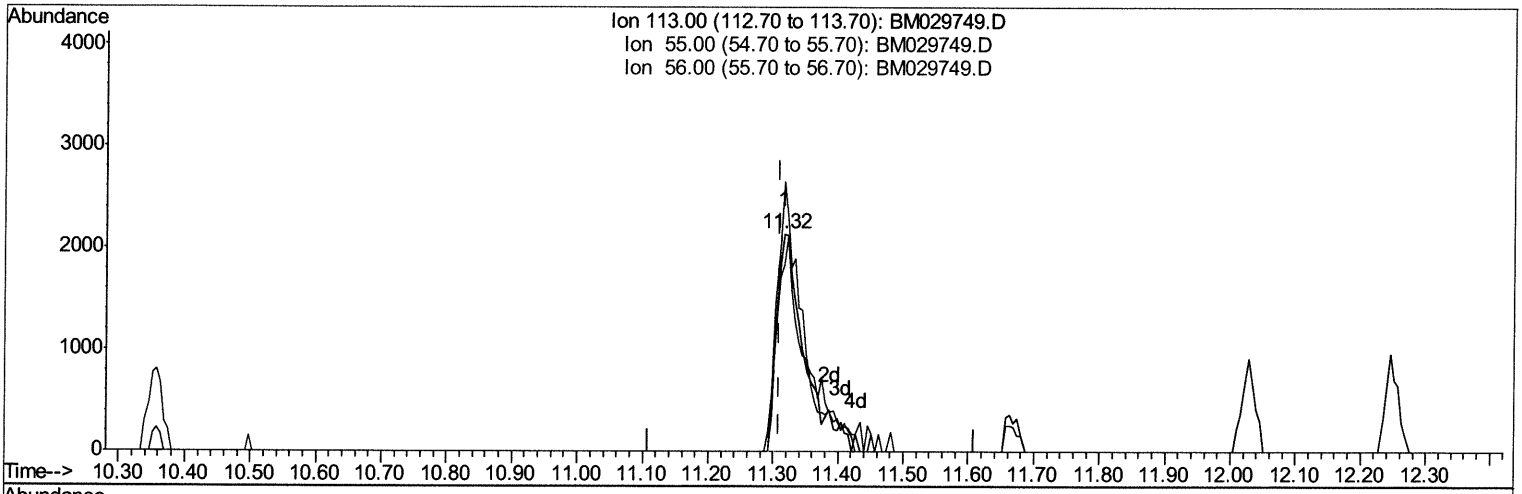

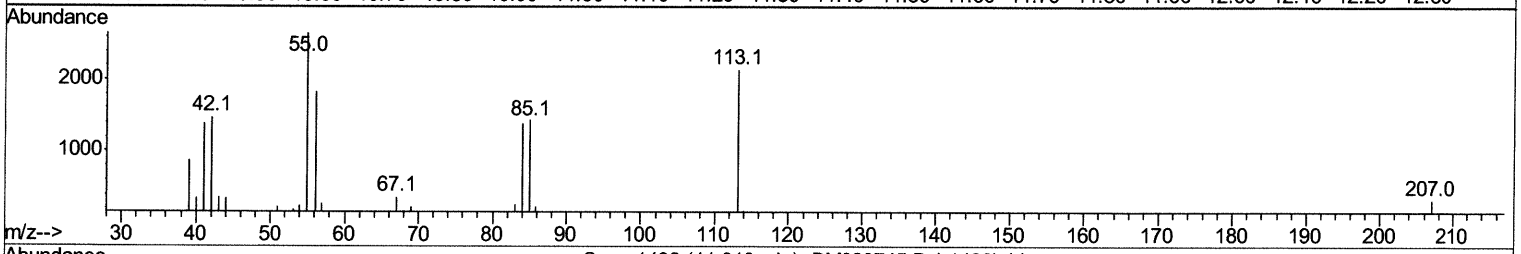

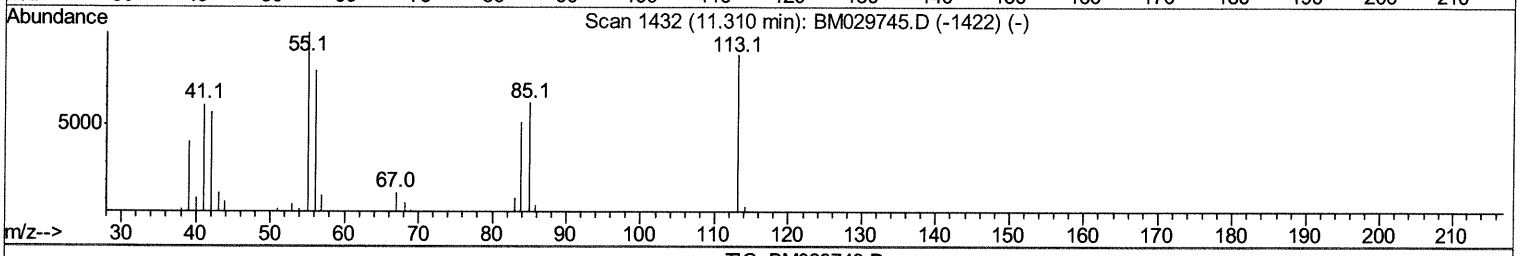

TIC: BM029749.D

(34) Caprolactam

11.316min (+0.006) 9.99ng/ul m 05/04/21 JU

response 6300

Ion	Exp%	Act%
113.00	100	100
55.00	113.50	123.94
56.00	90.40	85.51
0.00	0.00	0.00

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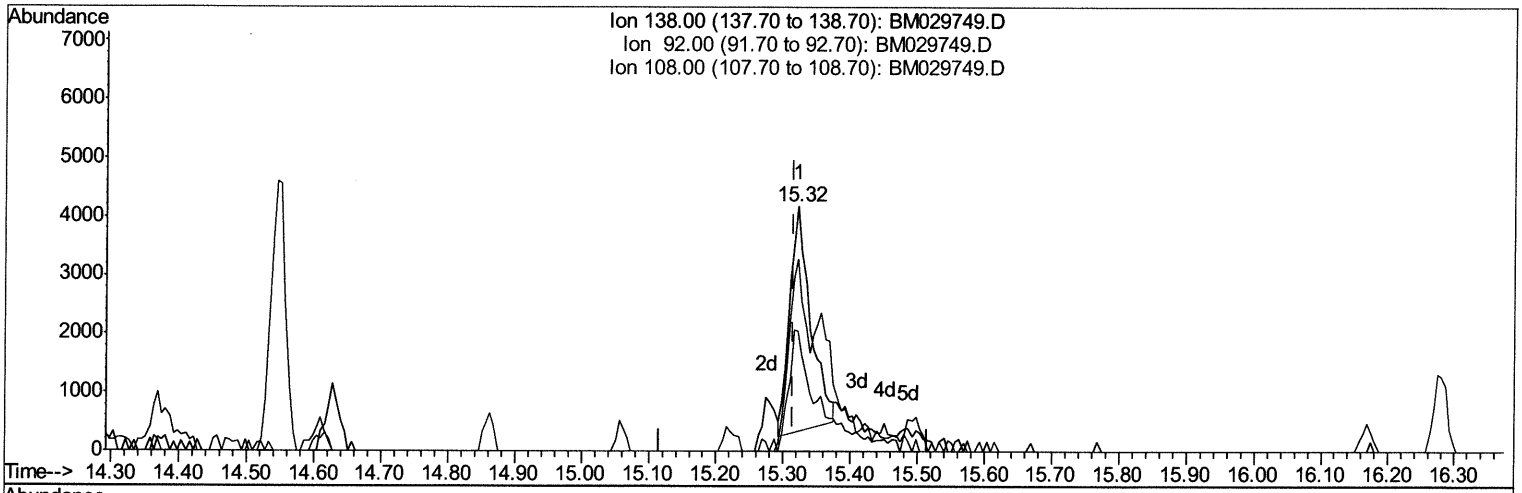

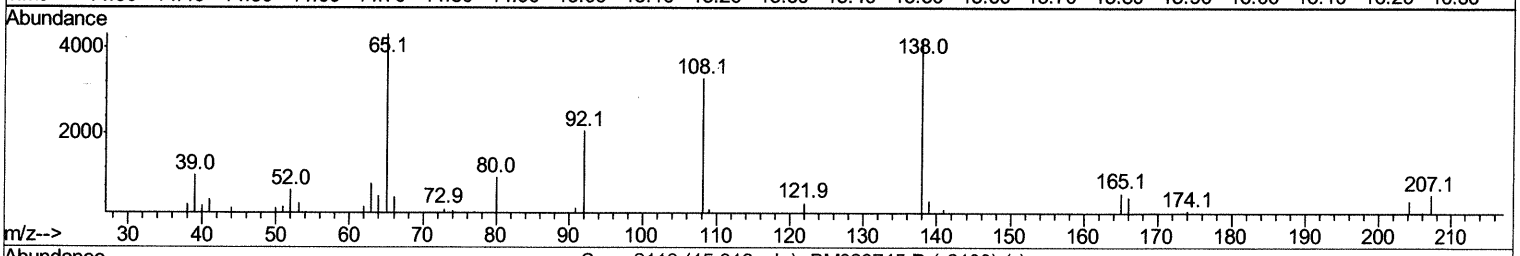

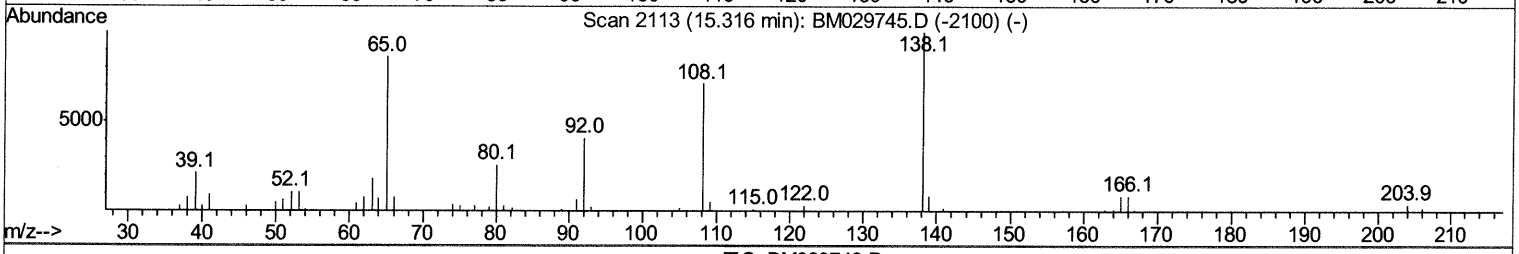

TIC: BM029749.D

(63) 4-Nitroaniline

15.321min (+0.006) 5.14ng/ul

response 8328

Ion	Exp%	Act%
138.00	100	100
92.00	42.50	49.15
108.00	71.00	78.51
0.00	0.00	0.00

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Manual Integrations APPROVED
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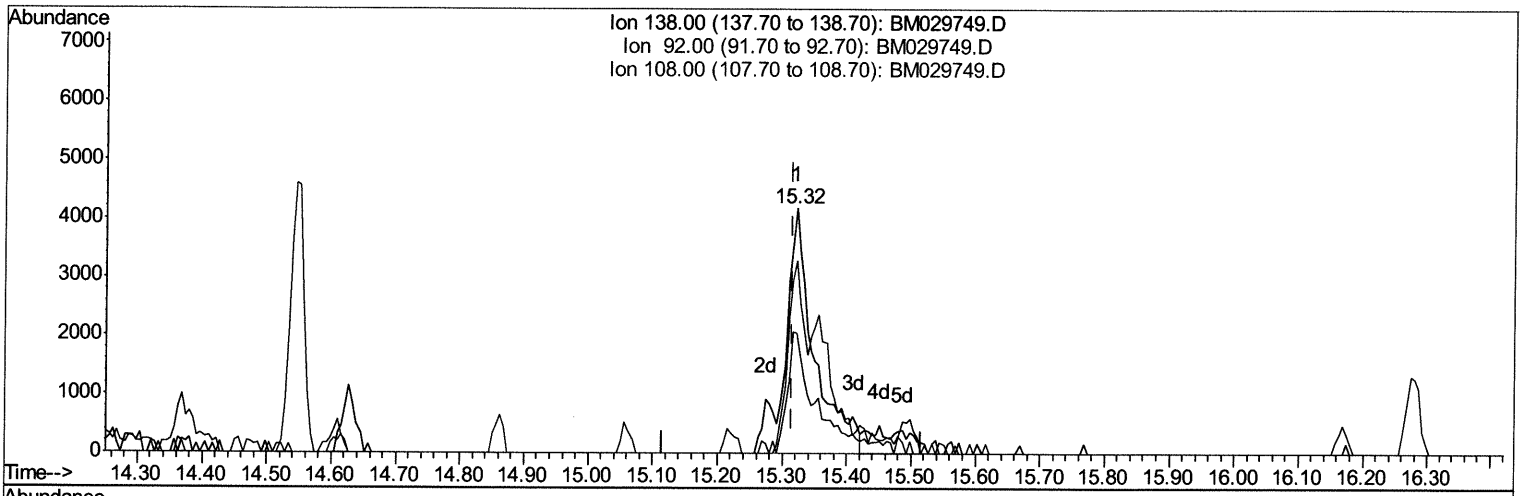

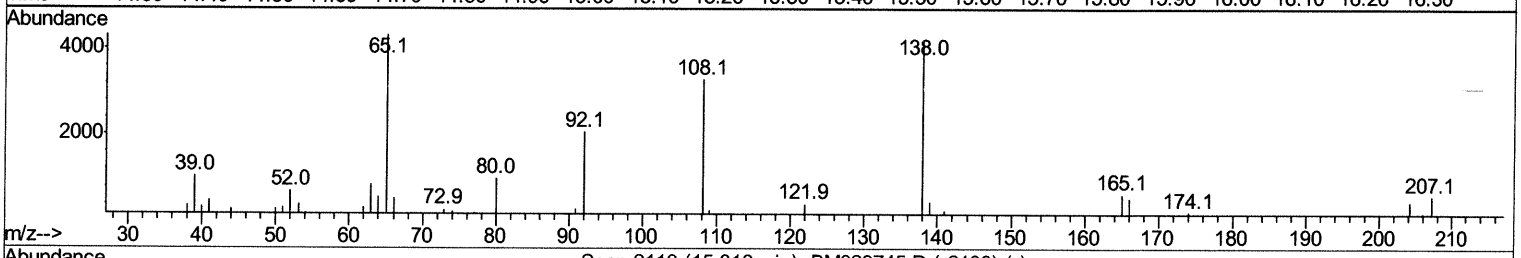

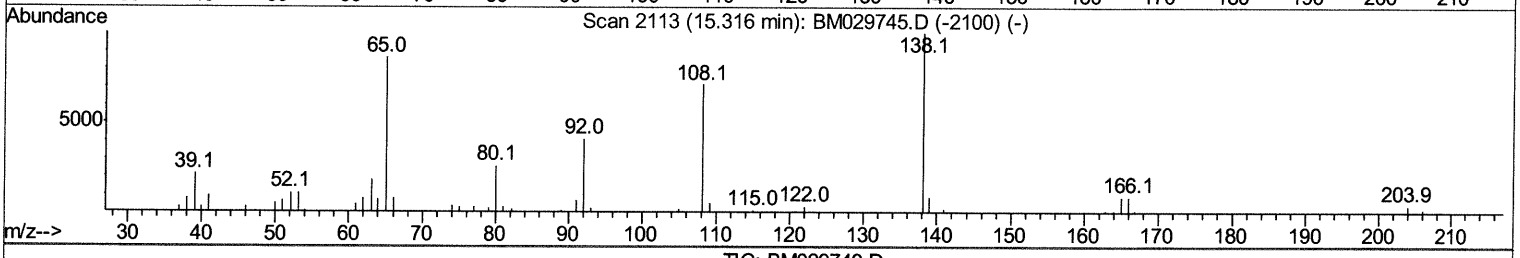

TIC: BM029749.D

(63) 4-Nitroaniline

15.321min (+0.006) 8.13ng/ul m 05/04/21 JU

response 13164

Ion	Exp%	Act%
138.00	100	100
92.00	42.50	49.15
108.00	71.00	78.51
0.00	0.00	0.00

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Instrument : BNA_M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	41288	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	154323	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	116814	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	265846	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	334715	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	362320	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3629	3.45	ng/uL	0.00
4) Pyridine-d5	3.52	84	13873	5.05	ng/ul	0.02
7) Phenol-d5	6.77	99	24927	7.64	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	13638	7.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	24397	9.61	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	20911	8.26	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	10175	10.37	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	12704	13.58	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	27601	11.26	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	28497	8.21	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	88428	10.04	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	109008	10.47	ng/ul	0.00
54) 4-Nitrophenol-d4	14.46	143	7363	5.13	ng/ul	0.00
60) Fluorene-d10	15.22	176	77790	10.26	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	13540	10.80	ng/ul	0.00
73) Anthracene-d10	17.07	188	128580	10.13	ng/ul	0.00
81) Pyrene-d10	19.36	212	158506	10.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.18	264	202387	10.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	3791	3.595	ng/uL	93
5) Pyridine	3.53	79	15865	5.625	ng/ul	93
6) Benzaldehyde	6.73	77	14635	8.364	ng/ul	95
8) Phenol	6.79	94	24793	7.235	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.02	93	19124	7.552	ng/ul	91
12) 2-Chlorophenol	7.15	128	24037	8.878	ng/ul	93
13) 2-Methylphenol	8.03	108	19020	7.524	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.11	45	19427	5.853	ng/ul	94
16) Acetophenone	8.40	105	33818	8.176	ng/ul	93
17) N-Nitroso-di-n-propylamine	8.39	70	16912	8.596	ng/ul	96
18) 4-Methylphenol	8.36	108	20953	7.806	ng/ul	98
19) Hexachloroethane	8.65	117	11082	9.556	ng/ul	98
22) Nitrobenzene	8.77	77	24246	8.472	ng/ul	97
23) Isophorone	9.30	82	45983	8.993	ng/ul#	97
25) 2-Nitrophenol	9.48	139	13424	12.452	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	25645	8.753	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.79	93	27116	8.878	ng/ul	97
29) 2,4-Dichlorophenol	10.02	162	26490	10.674	ng/ul	91
30) Naphthalene	10.40	128	81473	9.745	ng/ul	99
32) 4-Chloroaniline	10.53	127	28701	8.135	ng/ul	98
33) Hexachlorobutadiene	10.69	225	23973	13.452	ng/ul	96
34) Caprolactam	11.32	113	6300m >	9.988	ng/ul >	

05/04/21 JU

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.66	107	22199	9.208 ng/ul	99
36) 2-Methylnaphthalene	12.03	142	60314	10.212 ng/ul	98
37) 1-Methylnaphthalene	12.25	142	60462	10.369 ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	42806	10.605 ng/ul	98
40) Hexachlorocyclopentadiene	12.38	237	13185	4.973 ng/ul	93
41) 2,4,6-Trichlorophenol	12.66	196	23560	10.616 ng/ul	95
42) 2,4,5-Trichlorophenol	12.73	196	23353	9.881 ng/ul	97
43) 1,1'-Biphenyl	13.05	154	82539	8.679 ng/ul	99
44) 2-Chloronaphthalene	13.09	162	66705	8.885 ng/ul	98
45) 2-Nitroaniline	13.32	65	11440	7.103 ng/ul	93
47) Dimethylphthalate	13.69	163	85853	9.521 ng/ul	99
48) 2,6-Dinitrotoluene	13.81	165	16723	11.916 ng/ul	95
50) Acenaphthylene	13.94	152	100307	9.312 ng/ul	100
51) 3-Nitroaniline	14.15	138	11605	7.478 ng/ul	84
52) Acenaphthene	14.29	153	70845	8.857 ng/ul	98
53) 2,4-Dinitrophenol	14.37	184	8527	11.323 ng/ul	96
55) 4-Nitrophenol	14.48	109	4721	3.458 ng/ul	94
56) Dibenzofuran	14.63	168	106181	9.553 ng/ul	99
57) 2,4-Dinitrotoluene	14.61	165	23176	11.573 ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.86	232	24017	12.681 ng/ul	96
59) Diethylphthalate	15.06	149	83105	9.361 ng/ul	99
61) Fluorene	15.28	166	88336	9.498 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.27	204	48891	10.473 ng/ul	99
63) 4-Nitroaniline	15.32	138	13164m >	8.128 ng/ul>	05/04/21 JU
66) 4,6-Dinitro-2-methylphenol	15.37	198	13306	10.093 ng/ul#	97
67) N-Nitrosodiphenylamine	15.49	169	76859	9.050 ng/ul	100
68) 4-Bromophenyl-phenylether	16.17	248	30004	10.606 ng/ul	99
69) Hexachlorobenzene	16.28	284	35624	11.304 ng/ul	97
70) Atrazine	16.45	200	29886	9.186 ng/ul	98
71) Pentachlorophenol	16.64	266	13154	7.351 ng/ul	90
72) Phenanthrene	17.02	178	146733	9.349 ng/ul	99
74) Anthracene	17.10	178	149003	9.239 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	46377	10.802 ng/uL	97
76) Pentachlorobenzene	14.54	250	43404	10.355 ng/uL	96
77) Carbazole	17.38	167	122711	8.267 ng/ul	99
78) Di-n-butylphthalate	17.94	149	134277	8.758 ng/ul	99
80) Fluoranthene	19.03	202	185047	9.220 ng/ul	99
82) Pyrene	19.40	202	198890	9.454 ng/ul	99
83) Butylbenzylphthalate	20.30	149	68841	9.312 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.09	252	75490	10.891 ng/ul	99
85) Benzo(a)anthracene	21.14	228	210958	9.770 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.08	149	108287	8.915 ng/ul	98
87) Chrysene	21.19	228	215266	10.197 ng/ul	99
89) Di-n-octyl phthalate	21.94	149	193240	8.361 ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	231961	9.906 ng/ul	98
91) Benzo(k)fluoranthene	22.71	252	215467	9.209 ng/ul	99
93) Benzo(a)pyrene	23.23	252	208410	9.822 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.49	276	269197	9.435 ng/ul	99
95) Dibenzo(a,h)anthracene	25.50	278	223614	9.289 ng/ul	97
96) Benzo(g,h,i)perylene	26.15	276	224497	9.593 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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