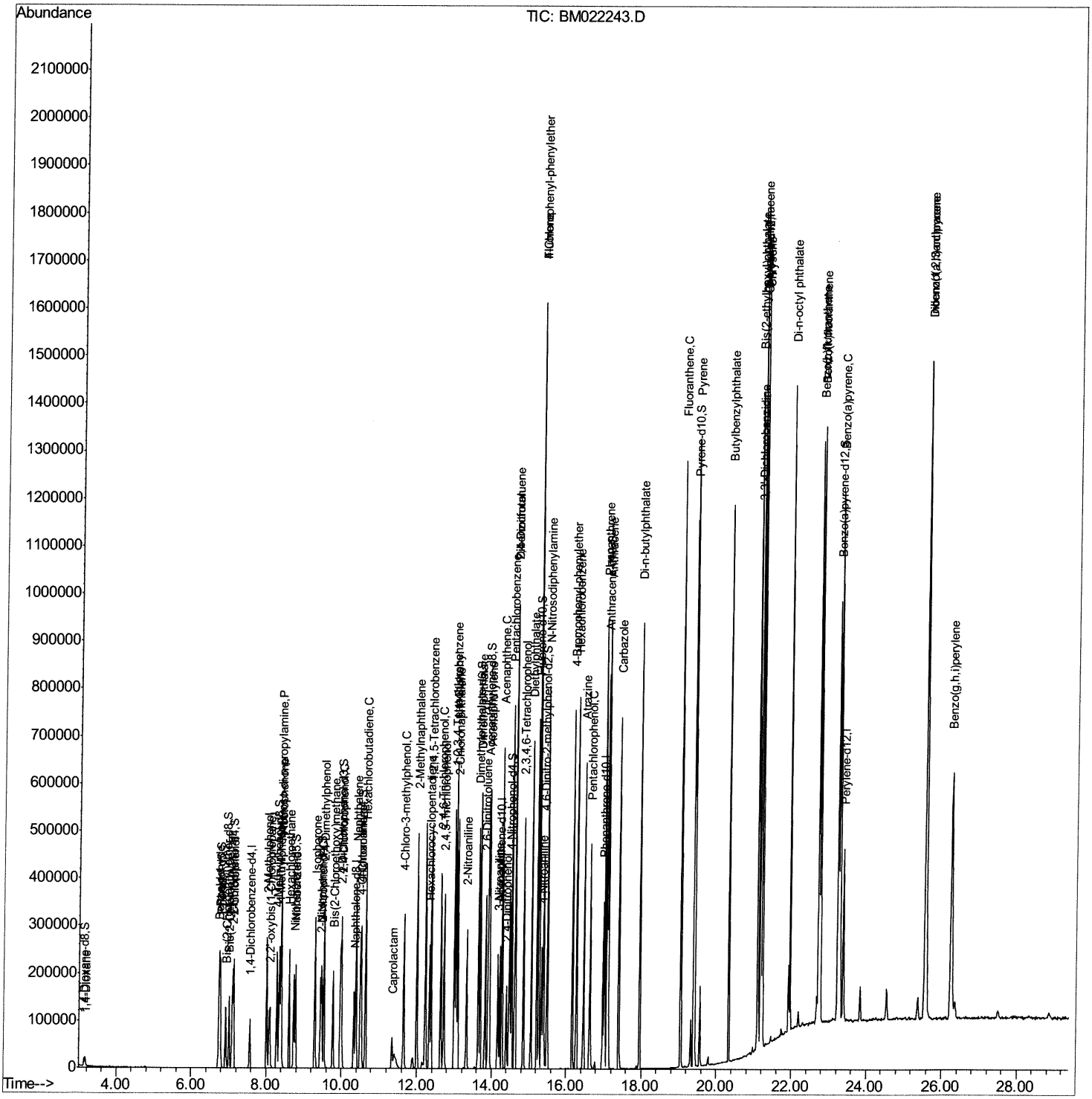
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082219\
Data File : BM022243.D
Acq On : 22 Aug 2019 17:57
Operator : HP/JU
Sample : SSTD04043
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 19:16:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 22 18:08:08 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04043

Manual Integrations APPROVED
mohammad
8/26/2019 8:28:53 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082219\
Data File : BM022243.D
Acq On : 22 Aug 2019 17:57
Operator : HP/JU
Sample : SSTD04043
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 19:14:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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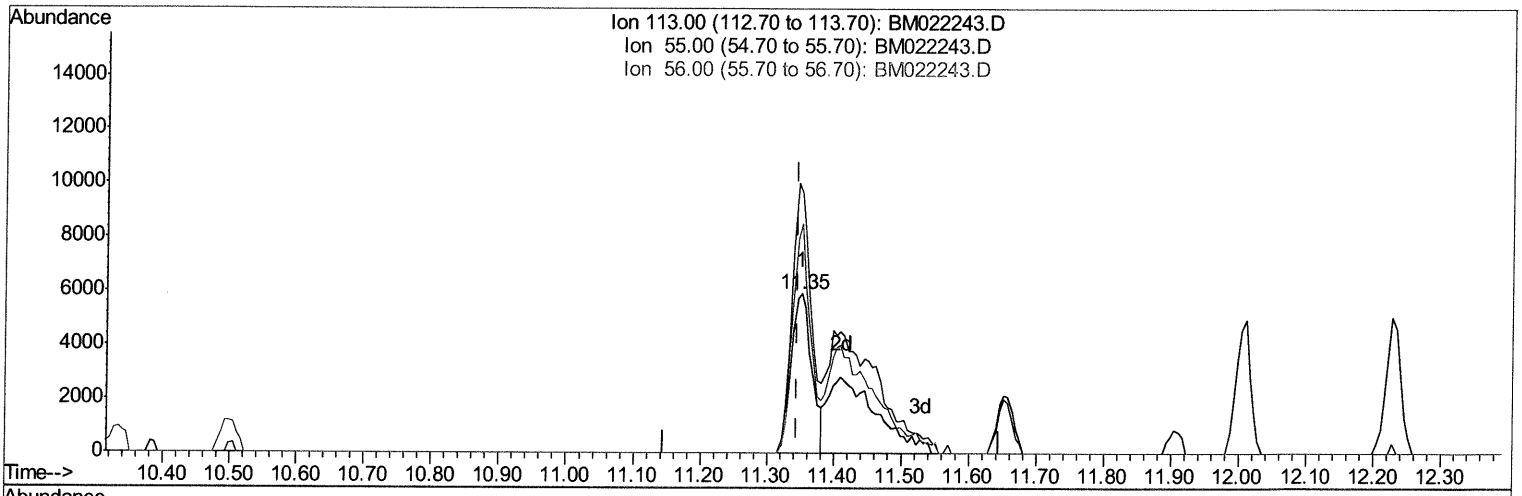

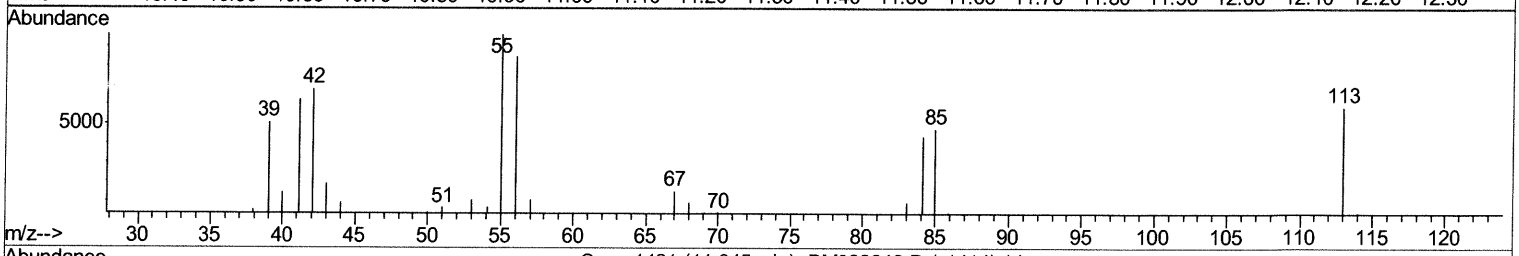

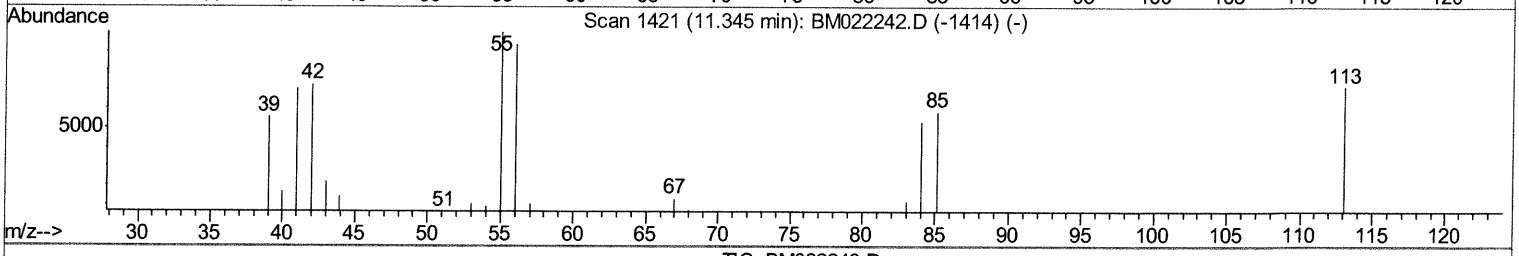

TIC: BM022243.D

(32) Caprolactam

11.351min (+0.006) 24.35ng/ul

response 12511

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	163.45
56.00	130.80	143.75
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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Manual Integrations APPROVED
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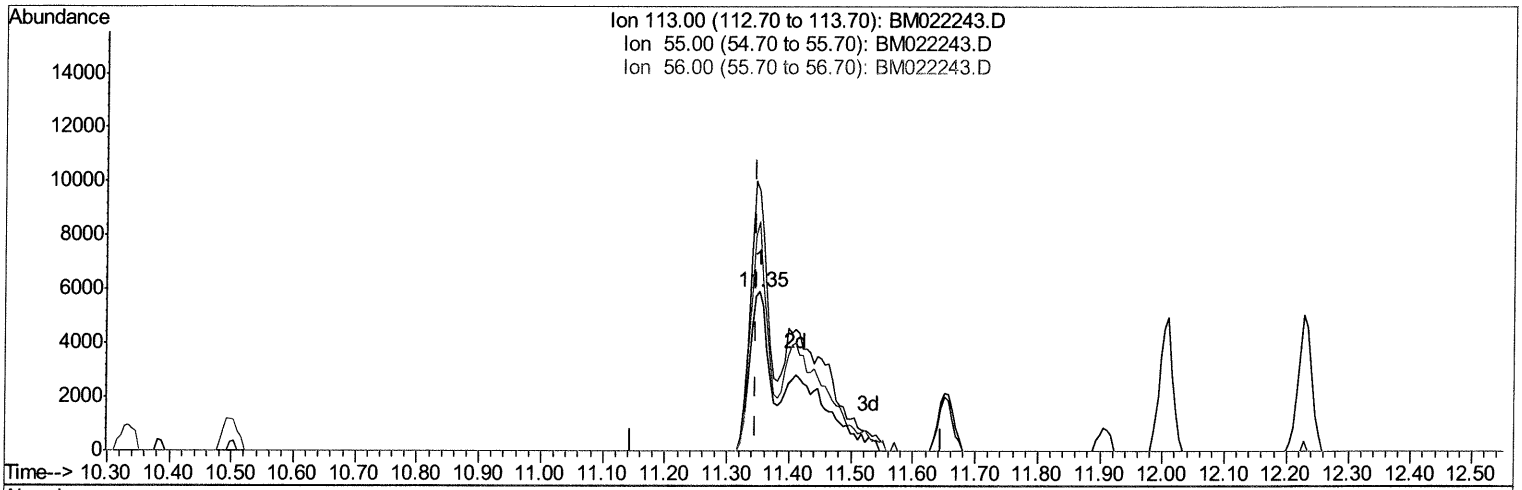

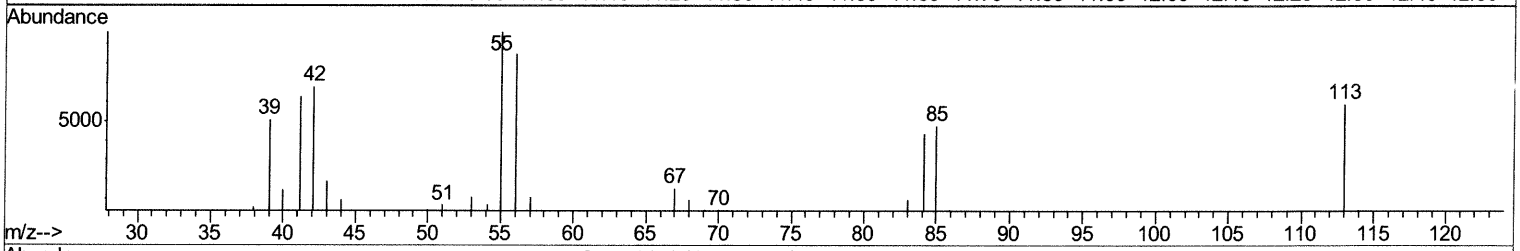

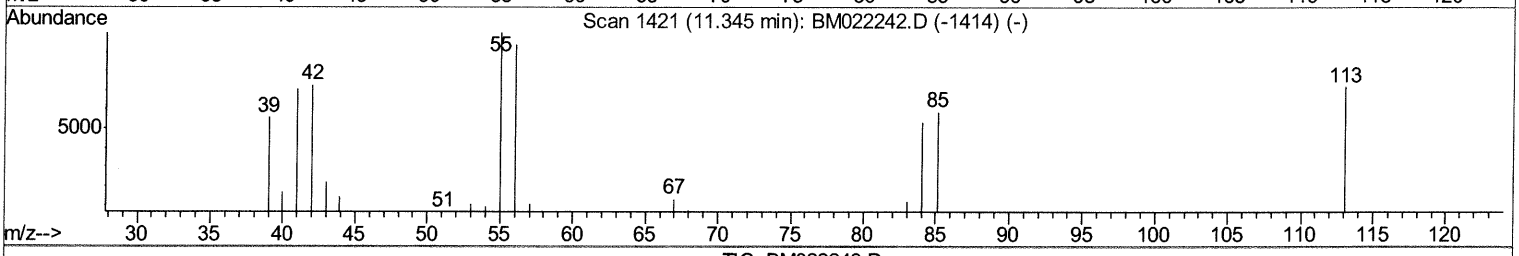

TIC: BM022243.D

(32) Caprolactam

11.351min (+0.006) 52.11ng/ul m JU 08/26/19

response 26769

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	163.45
56.00	130.80	143.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082219\
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Manual Integrations APPROVED
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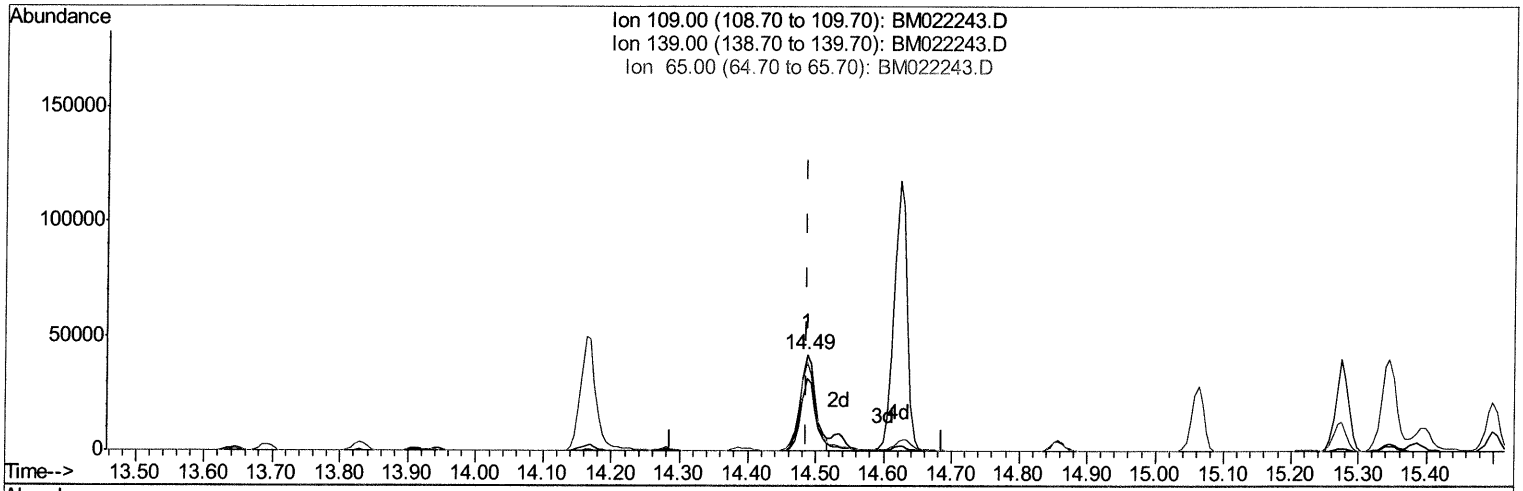

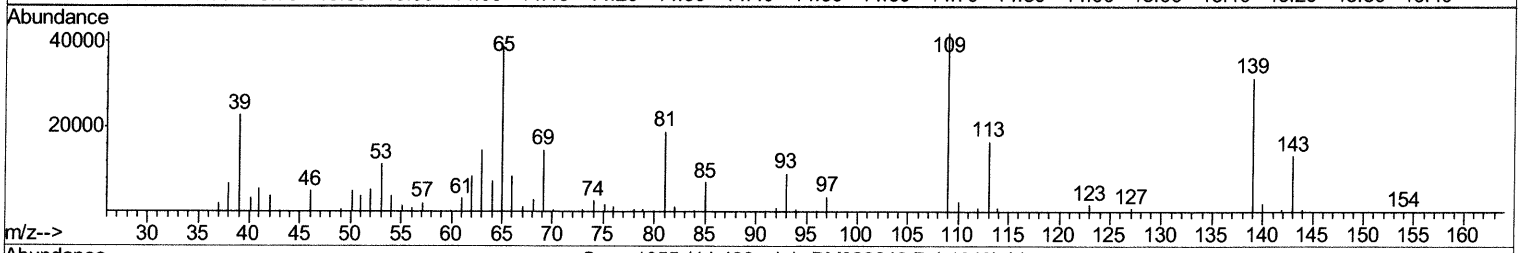

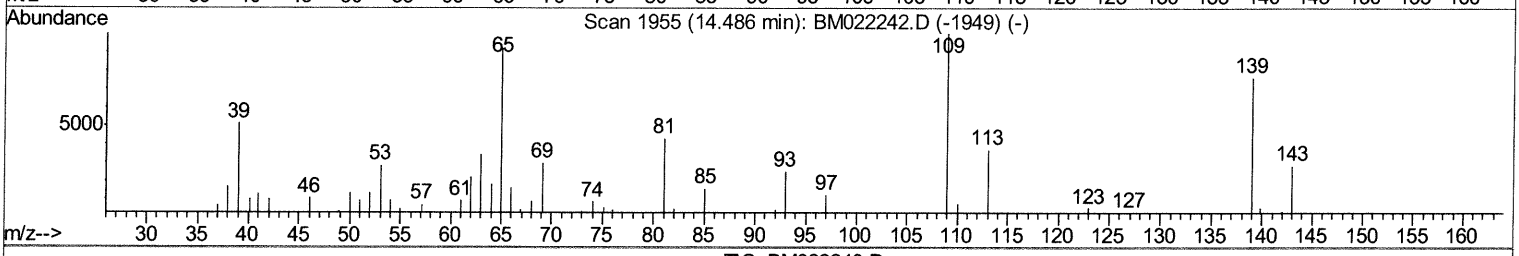

TIC: BM022243.D

(52) 4-Nitrophenol

14.486min (+0.000) 47.32ng/ul

response 64666

Ion	Exp%	Act%
109.00	100	100
139.00	76.20	75.05
65.00	91.80	92.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : HP/JU
Sample : SSTD04043
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 22 19:14:49 2019
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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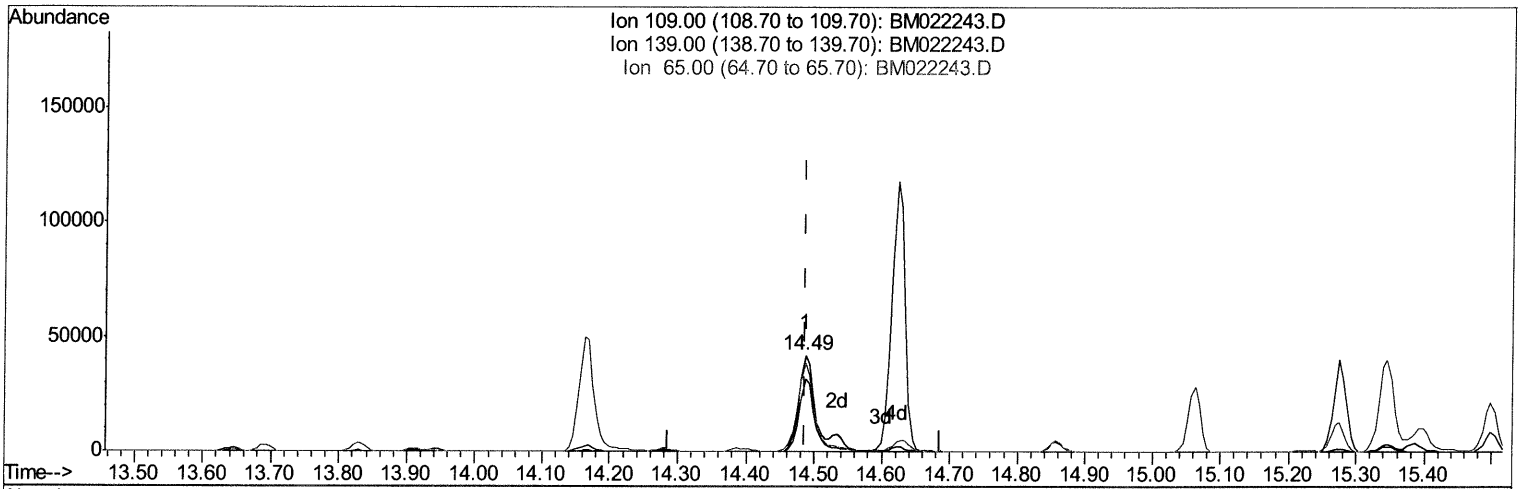

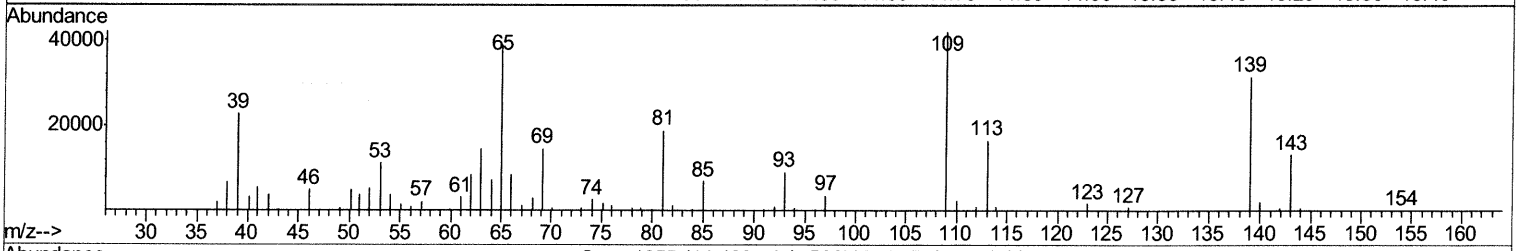

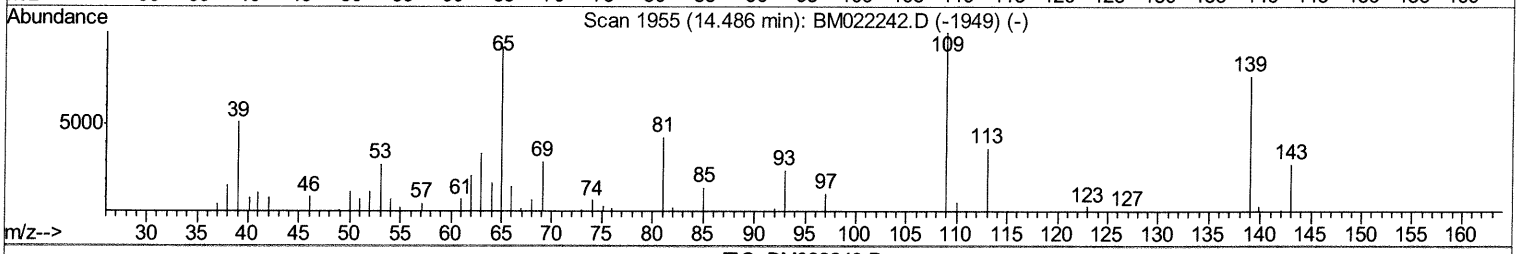

TIC: BM022243.D

(52) 4-Nitrophenol

14.486min (+0.000) 55.50ng/ul m JU 08/26/19

response 75851

Ion	Exp%	Act%
109.00	100	100
139.00	76.20	75.05
65.00	91.80	92.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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QLast Update : Thu Aug 22 18:08:08 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD04043

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	24158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	112812	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	79683	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	185484	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	247374	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	257024	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	9912	16.81	ng/uL	0.00
5) Phenol-d5	6.75	99	90132	47.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	52793	46.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	75923	47.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	77795	50.19	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	38424	45.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	46200	47.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	90228	46.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	108861	50.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	302641	45.66	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	328696	43.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	46497	51.82	ng/ul	0.00
57) Fluorene-d10	15.22	176	251443	45.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	59350	45.93	ng/ul	0.00
70) Anthracene-d10	17.08	188	423411	44.13	ng/ul	0.00
78) Pyrene-d10	19.39	212	559674	42.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	622602	45.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	10251	14.860	ng/uL	87
4) Benzaldehyde	6.73	77	48600	43.804	ng/ul	94
6) Phenol	6.78	94	97420	48.322	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.01	93	71374	47.466	ng/ul	97
10) 2-Chlorophenol	7.13	128	78906	46.780	ng/ul	98
11) 2-Methylphenol	8.01	108	76542	50.645	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.09	45	91197	48.760	ng/ul	99
14) Acetophenone	8.40	105	134083	50.935	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.38	70	70948	55.511	ng/ul	98
16) 4-Methylphenol	8.35	108	84974	52.888	ng/ul	99
17) Hexachloroethane	8.60	117	38435	45.316	ng/ul	95
20) Nitrobenzene	8.78	77	107606	43.360	ng/ul	98
21) Isophorone	9.29	82	198679	48.183	ng/ul	99
23) 2-Nitrophenol	9.47	139	50037	46.978	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	111429	46.374	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	108067	46.573	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	92508	48.738	ng/ul	98
28) Naphthalene	10.39	128	267952	43.520	ng/ul	100
30) 4-Chloroaniline	10.52	127	114775	50.773	ng/ul	97
31) Hexachlorobutadiene	10.64	225	82564	42.221	ng/ul	98
32) Caprolactam	11.35	113	26769m→	52.107	ng/ul	97
33) 4-Chloro-3-methylphenol	11.65	107	100591	50.615	ng/ul	100
34) 2-Methylnaphthalene	12.01	142	207293	46.821	ng/ul	95

JU 08/26/19

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	144239	41.391	ng/ul	98
37) Hexachlorocyclopentadiene	12.33	237	67522	50.895	ng/ul	98
38) 2,4,6-Trichlorophenol	12.64	196	87251	45.615	ng/ul	99
39) 2,4,5-Trichlorophenol	12.72	196	92157	43.888	ng/ul	97
40) 1,1'-Biphenyl	13.04	154	285788	43.213	ng/ul	99
41) 2-Chloronaphthalene	13.08	162	219087	42.066	ng/ul	98
42) 2-Nitroaniline	13.32	65	73792	50.103	ng/ul	99
44) Dimethylphthalate	13.69	163	312396	46.192	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	61889	48.893	ng/ul	92
47) Acenaphthylene	13.94	152	347817	43.922	ng/ul	100
48) 3-Nitroaniline	14.17	138	52511	46.958	ng/ul	93
49) Acenaphthene	14.28	153	241308	43.284	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	35966	52.447	ng/ul	93
52) 4-Nitrophenol	14.49	109	75851m	55.503	ng/ul	JU 08/26/19
53) Dibenzofuran	14.62	168	362282	45.067	ng/ul	98
54) 2,4-Dinitrotoluene	14.63	165	96970	51.306	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.86	232	93965	48.607	ng/ul	96
56) Diethylphthalate	15.06	149	337573	48.114	ng/ul	98
58) Fluorene	15.27	166	308285	47.517	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	190304	48.886	ng/ul	98
60) 4-Nitroaniline	15.35	138	51090	47.009	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.40	198	64741	46.512	ng/ul	100
64) N-Nitrosodiphenylamine	15.50	169	253890	44.071	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	118780	45.274	ng/ul	95
66) Hexachlorobenzene	16.27	284	131671	45.454	ng/ul	98
67) Atrazine	16.47	200	121976	44.112	ng/ul	97
68) Pentachlorophenol	16.63	266	74454	45.312	ng/ul	99
69) Phenanthrene	17.02	178	486997	44.579	ng/ul	99
71) Anthracene	17.12	178	512565	45.477	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	146066	39.218	ng/uL	99
73) Pentachlorobenzene	14.53	250	155080	41.534	ng/uL	99
74) Carbazole	17.40	167	431561	43.847	ng/ul	99
75) Di-n-butylphthalate	17.95	149	588707	49.334	ng/ul	99
76) Fluoranthene	19.05	202	673206	44.496	ng/ul	99
79) Pyrene	19.42	202	702576	42.160	ng/ul	99
80) Butylbenzylphthalate	20.33	149	299574	45.673	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.12	252	281235	45.992	ng/ul	100
82) Benzo(a)anthracene	21.17	228	818214	43.896	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	444033	47.436	ng/ul	98
84) Chrysene	21.23	228	760844	43.493	ng/ul	100
86) Di-n-octyl phthalate	21.96	149	761927	50.309	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	805983	46.713	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	767753	45.346	ng/ul	98
90) Benzo(a)pyrene	23.29	252	752687	45.283	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.58	276	874964	42.246	ng/ul	98
92) Dibenzo(a,h)anthracene	25.59	278	748681	43.185	ng/ul	98
93) Benzo(g,h,i)perylene	26.25	276	644839	39.192	ng/ul	98

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