Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
Data File : BM026872.D
Acq On : 27 Jul 2020 14:27
Operator : JU/CG
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 27 15:17:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 14:20:42 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV07

Manual Integrations APPROVED
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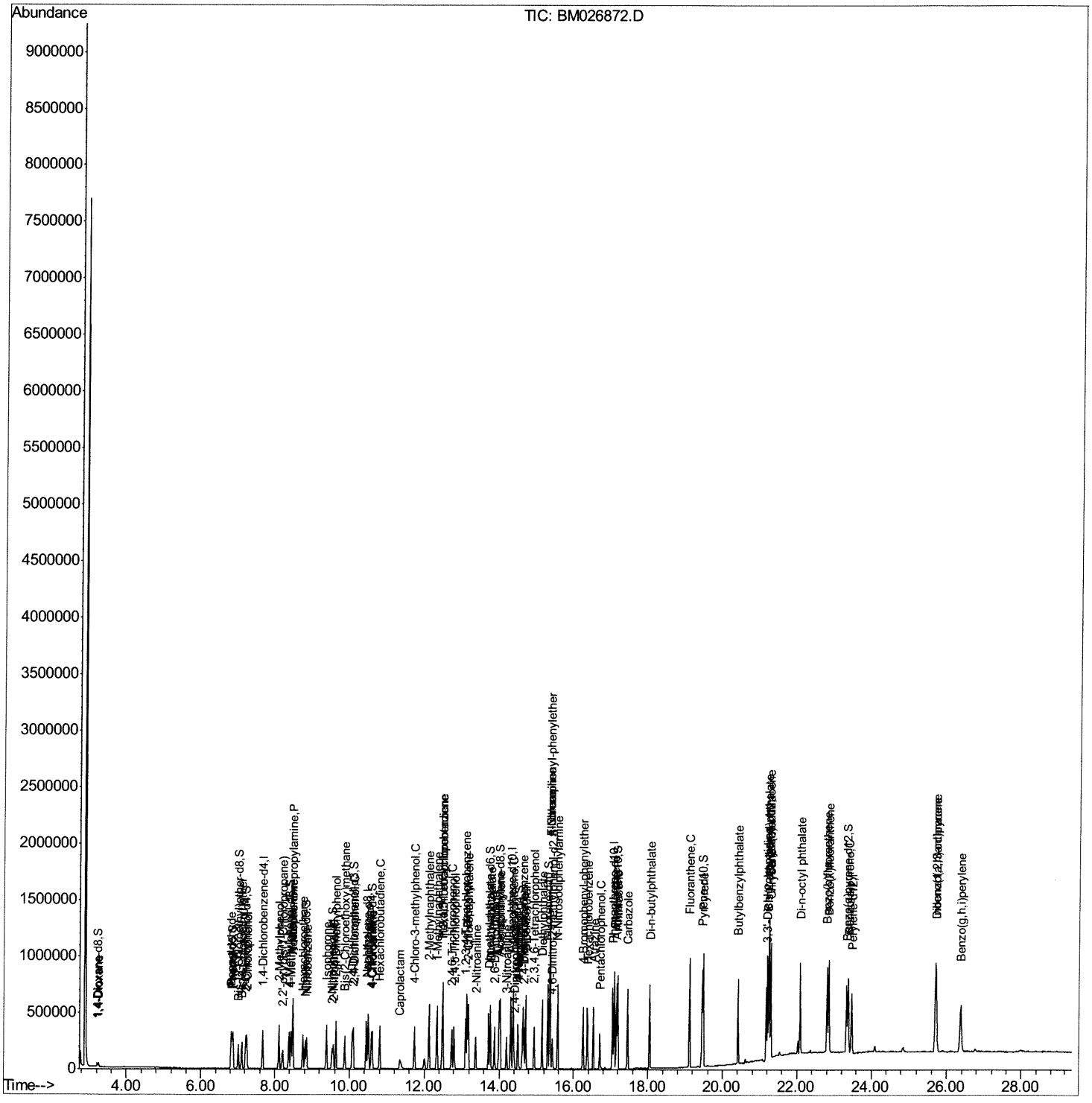

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
Data File : BM026872.D
Acq On : 27 Jul 2020 14:27
Operator : JU/CG
Sample : SSTDICV020
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ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 27 15:11:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
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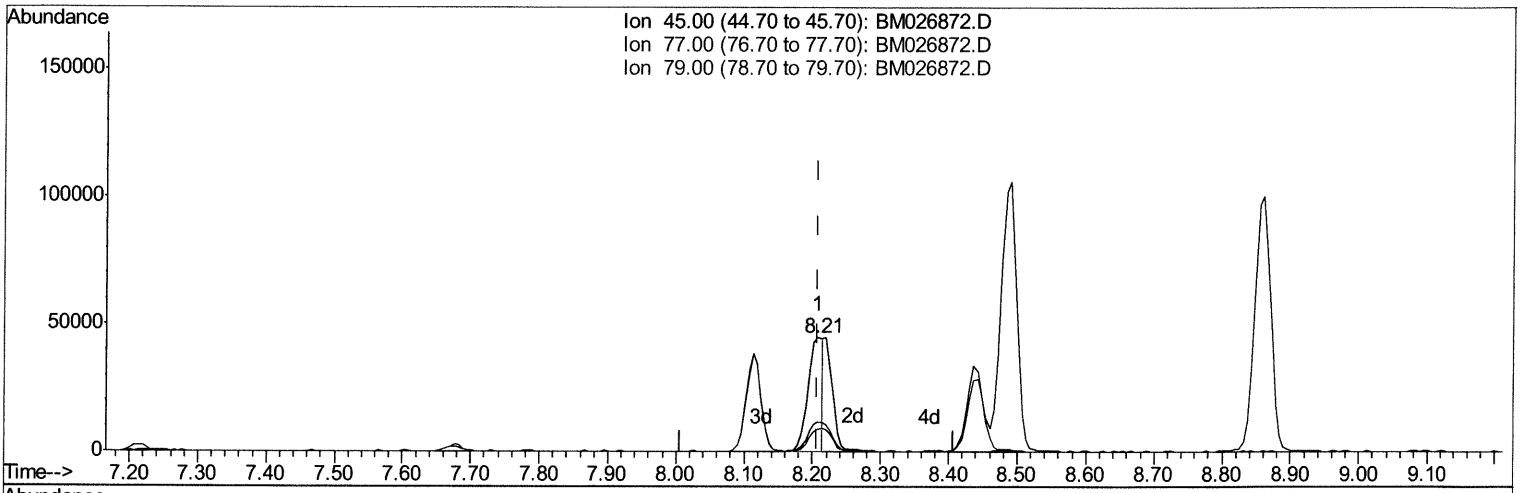

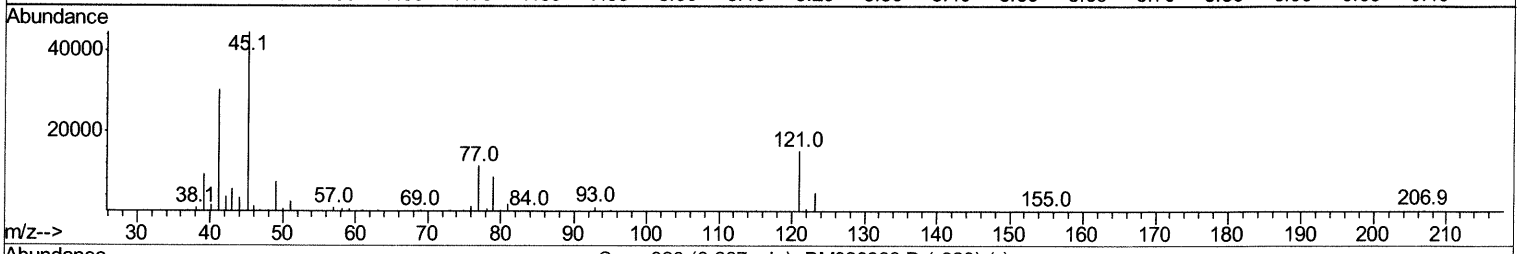

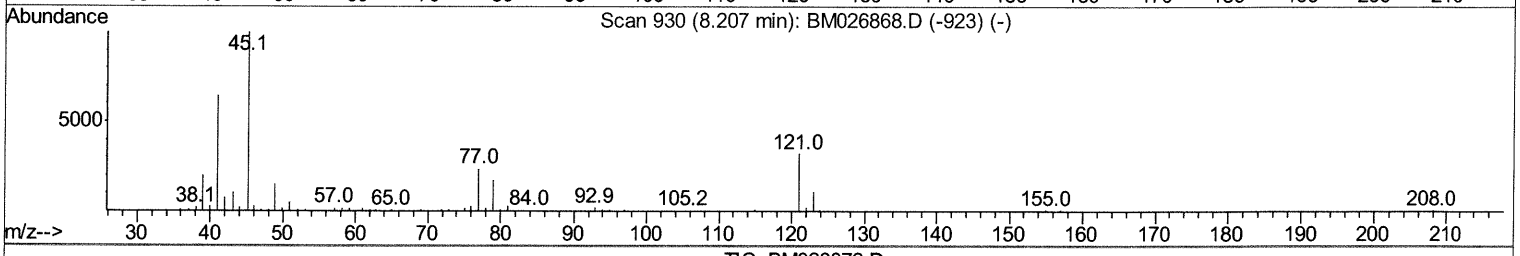

TIC: BM026872.D

(12) 2,2'-oxybis(1-Chloropropane)

8.207min (-0.000) 12.61ng/ul

response 67224

Ion	Exp%	Act%
45.00	100	100
77.00	24.60	25.39
79.00	18.60	19.23
0.00	0.00	0.00

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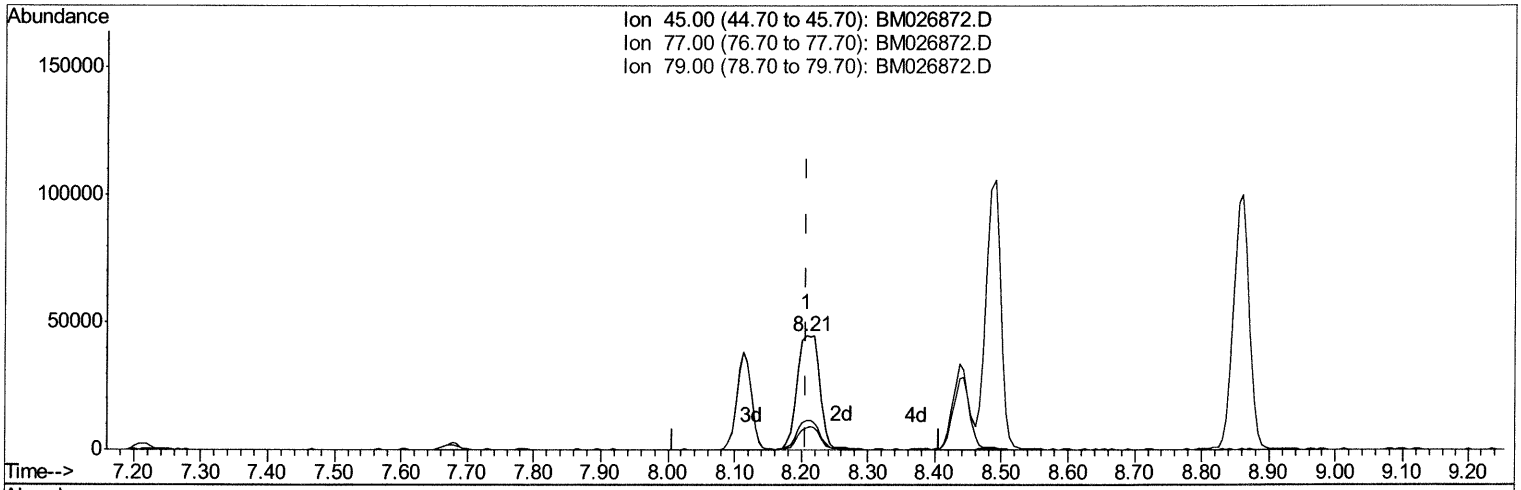

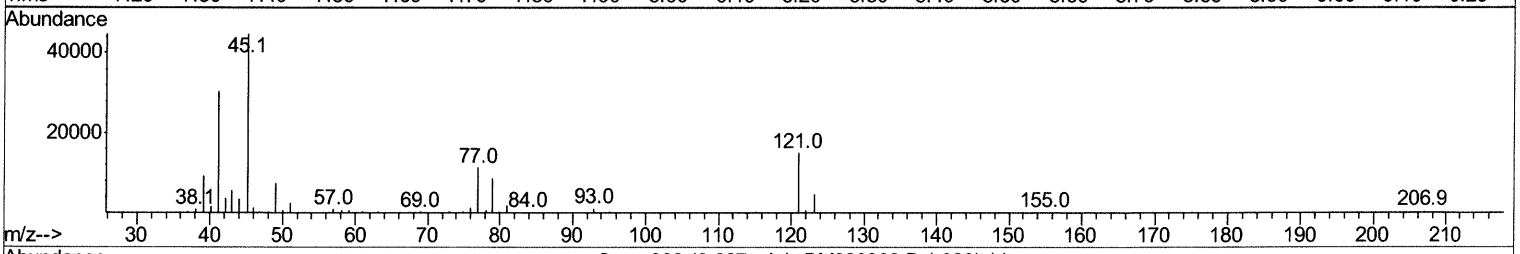

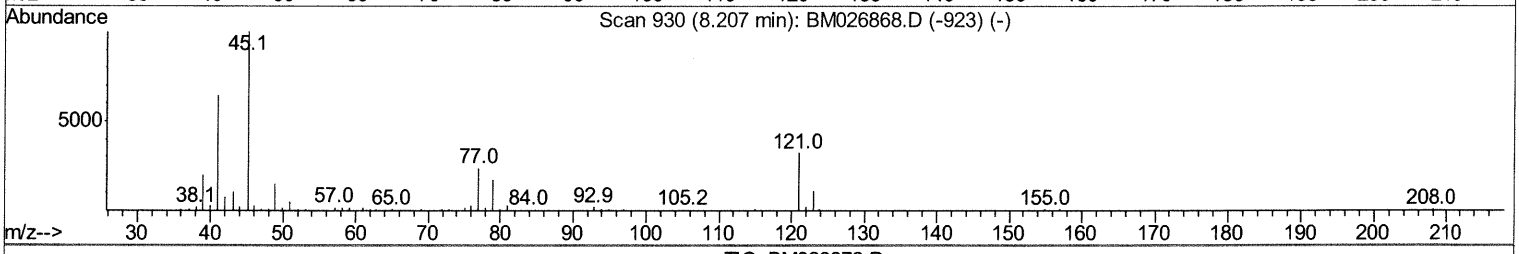

TIC: BM026872.D

(12) 2,2'-oxybis(1-Chloropropane)

8.207min (-0.000) 19.83ng/ul m 7/31/20 JU

response 105706

Ion	Exp%	Act%
45.00	100	100
77.00	24.60	25.39
79.00	18.60	19.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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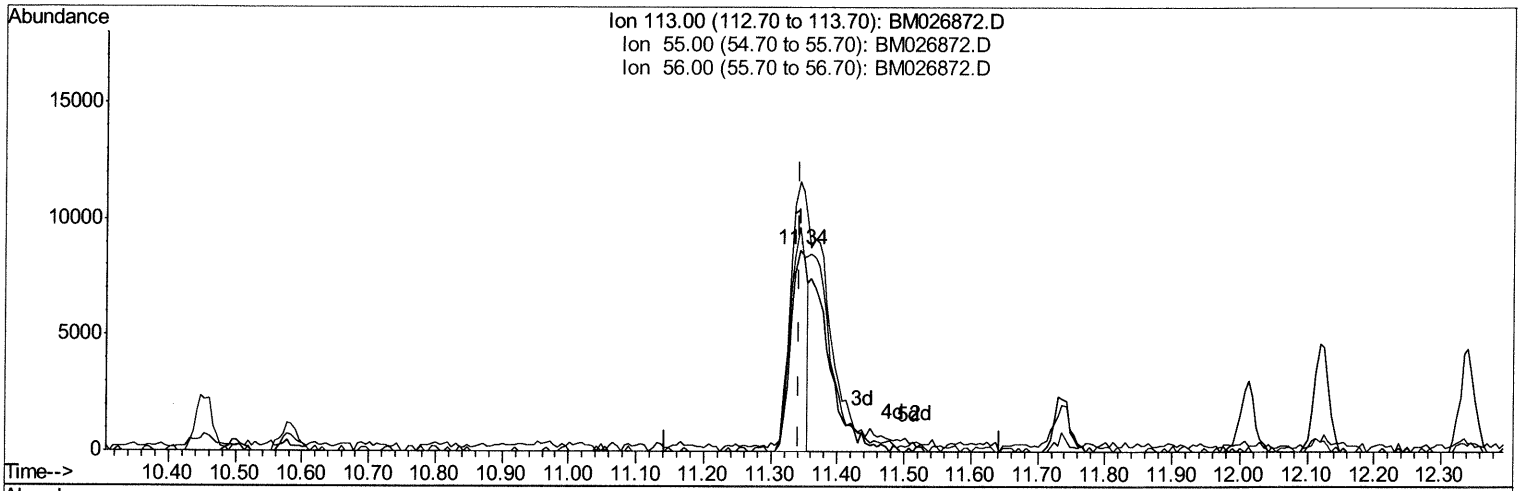

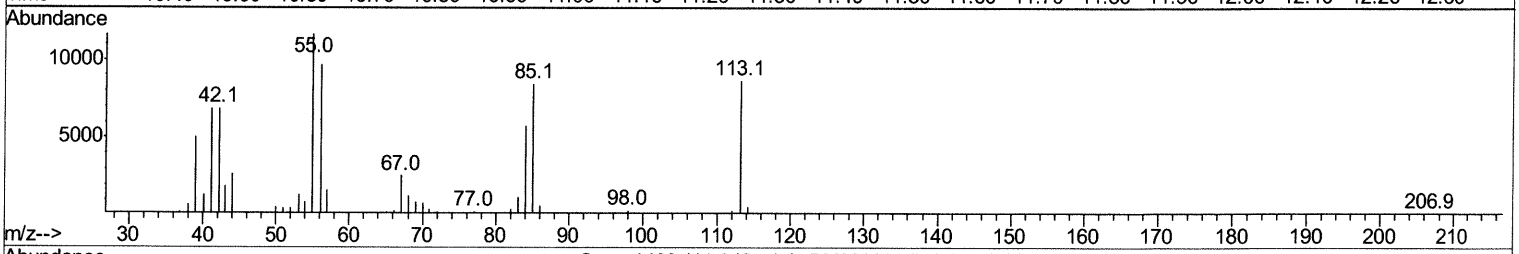

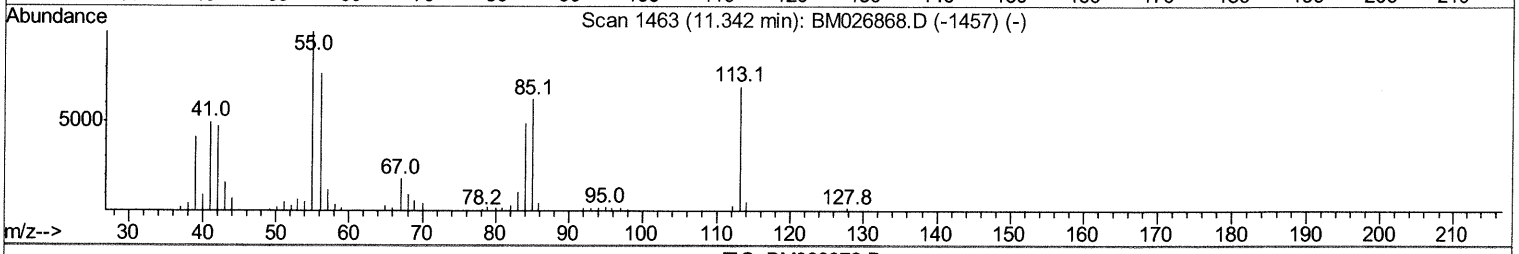

TIC: BM026872.D

(32) Caprolactam

11.342min (-0.000) 9.16ng/ul

response 14981

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	133.88
56.00	112.70	111.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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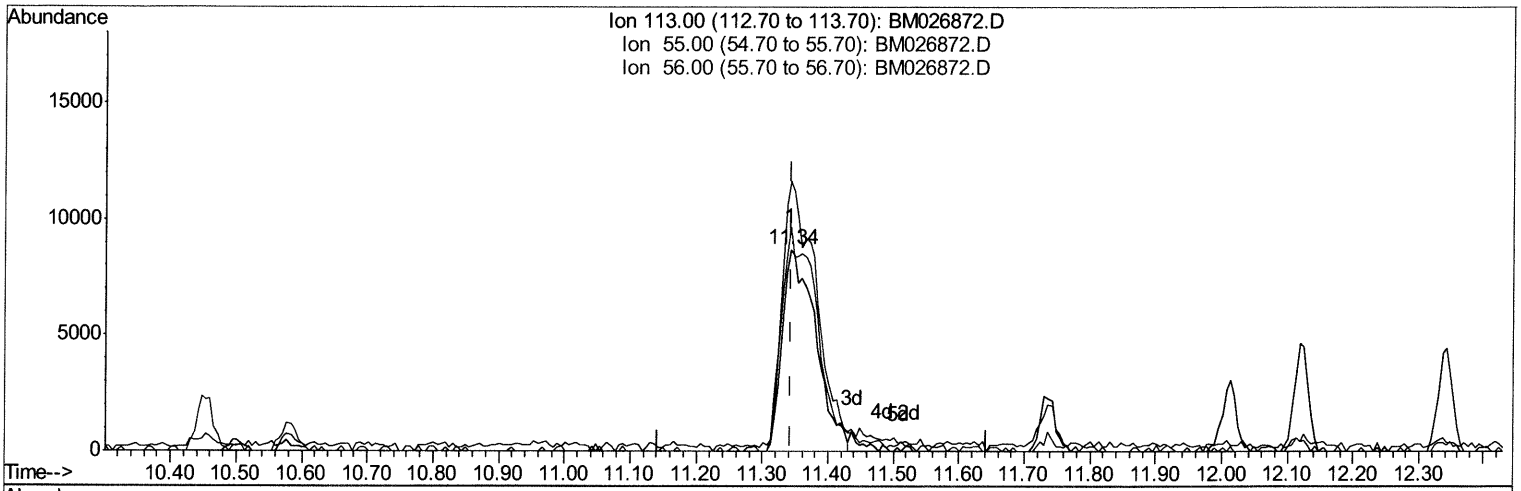

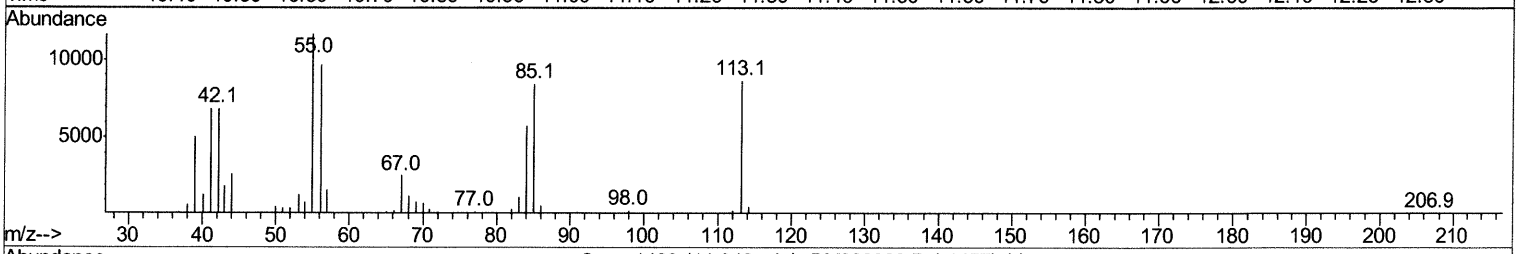

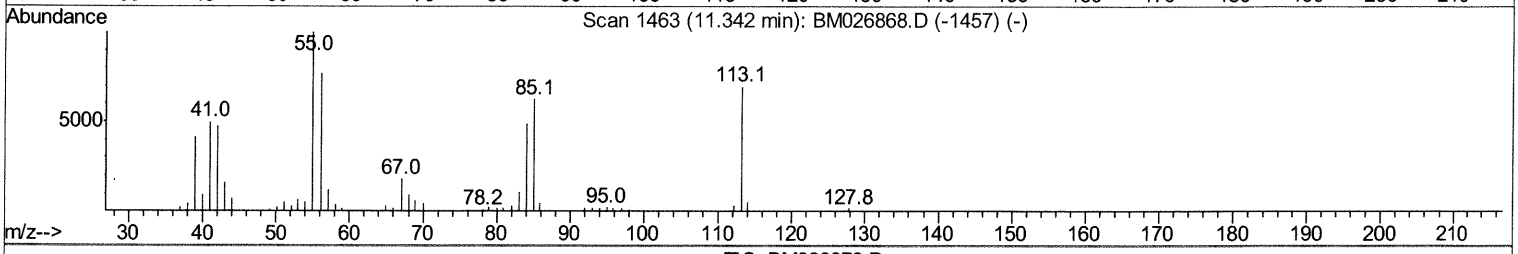

TIC: BM026872.D

(32) Caprolactam

11.342min (-0.000) 18.82ng/ul m 7/31/2020

response 30778

Ion	Exp%	Act%
113.00	100	100
55.00	149.60	133.88
56.00	112.70	111.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072720\
Data File : BM026872.D
Acq On : 27 Jul 2020 14:27
Operator : JU/CG
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Jul 27 15:17:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 14:20:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	81143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	315854	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	192711	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	389102	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	367989	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	359207	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	14751	8.29	ng/uL	0.00
5) Phenol-d5	6.85	99	140694	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	97217	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	106895	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	106602	19.49	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	49159	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	45059	20.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	105880	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	125725	19.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	300538	19.89	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	386739	20.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	48768	19.08	ng/ul	0.00
58) Fluorene-d10	15.31	176	265309	20.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	30302	17.47	ng/ul	0.00
71) Anthracene-d10	17.15	188	385736	19.84	ng/ul	0.00
79) Pyrene-d10	19.45	212	400540	20.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	400205	19.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	17377	7.861	ng/uL	95
4) Benzaldehyde	6.82	77	113634	19.622	ng/ul	99
6) Phenol	6.87	94	147773	19.426	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.11	93	120698	20.051	ng/ul	99
10) 2-Chlorophenol	7.24	128	110077	19.930	ng/ul	98
11) 2-Methylphenol	8.11	108	107051	19.670	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.21	45	105706m>	19.830	ng/ul>	7/31/20 JU
14) Acetophenone	8.49	105	183221	20.189	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.48	70	109716	20.017	ng/ul	98
16) 4-Methylphenol	8.44	108	115868	19.978	ng/ul	95
17) Hexachloroethane	8.75	117	52592	19.979	ng/ul	95
20) Nitrobenzene	8.86	77	162592	20.428	ng/ul	99
21) Isophorone	9.38	82	279499	19.919	ng/ul	99
23) 2-Nitrophenol	9.57	139	53106	20.670	ng/ul	97
24) 2,4-Dimethylphenol	9.64	107	133134	19.837	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.87	93	157835	20.190	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	104518	19.956	ng/ul	97
28) Naphthalene	10.50	128	354503	20.089	ng/ul	99
30) 4-Chloroaniline	10.61	127	126548	19.572	ng/ul	95
31) Hexachlorobutadiene	10.81	225	73010	19.740	ng/ul	98
32) Caprolactam	11.34	113	30778m>	18.818	ng/ul>	7/31/20 JU
33) 4-Chloro-3-methylphenol	11.74	107	116126	19.886	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	251389	20.151	ng/ul	100

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
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Quant Time: Jul 27 15:17:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 14:20:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	242508	19.895 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	130675	19.839 ng/ul	99
38) Hexachlorocyclopentadiene	12.49	237	87569	19.607 ng/ul	98
39) 2,4,6-Trichlorophenol	12.74	196	75190	19.921 ng/ul	98
40) 2,4,5-Trichlorophenol	12.80	196	81493	20.206 ng/ul	98
41) 1,1'-Biphenyl	13.14	154	321659	19.974 ng/ul	100
42) 2-Chloronaphthalene	13.18	162	263035	20.299 ng/ul	98
43) 2-Nitroaniline	13.37	65	78738	20.432 ng/ul	98
45) Dimethylphthalate	13.77	163	316075	19.930 ng/ul	98
46) 2,6-Dinitrotoluene	13.88	165	58465	20.910 ng/ul	95
48) Acenaphthylene	14.03	152	389410	19.931 ng/ul	100
49) 3-Nitroaniline	14.20	138	51725	18.926 ng/ul	95
50) Acenaphthene	14.38	153	272048	20.211 ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	18950	16.926 ng/ul	93
53) 4-Nitrophenol	14.51	109	48633	18.993 ng/ul	94
54) Dibenzofuran	14.71	168	374632	20.078 ng/ul	100
55) 2,4-Dinitrotoluene	14.67	165	83907	20.887 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.94	232	64662	20.437 ng/ul#	95
57) Diethylphthalate	15.15	149	313269	19.700 ng/ul	99
59) Fluorene	15.36	166	314572	20.021 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	153899	19.681 ng/ul	99
61) 4-Nitroaniline	15.37	138	64436	19.236 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.43	198	36448	18.492 ng/ul	98
65) N-Nitrosodiphenylamine	15.57	169	260042	20.430 ng/ul	96
66) 4-Bromophenyl-phenylether	16.26	248	91821	20.116 ng/ul	98
67) Hexachlorobenzene	16.37	284	104745	20.235 ng/ul	93
68) Atrazine	16.53	200	88816	19.009 ng/ul	98
69) Pentachlorophenol	16.71	266	48066	18.661 ng/ul	97
70) Phenanthrene	17.09	178	472796	20.018 ng/ul	99
72) Anthracene	17.19	178	480711	19.801 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	124304	20.334 ng/uL	98
74) Pentachlorobenzene	14.64	250	121787	20.548 ng/uL	99
75) Carbazole	17.45	167	416465	19.407 ng/ul	99
76) Di-n-butylphthalate	18.05	149	491588	19.473 ng/ul	100
77) Fluoranthene	19.12	202	530287	19.015 ng/ul	99
80) Pyrene	19.48	202	547735	20.458 ng/ul	97
81) Butylbenzylphthalate	20.41	149	189319	19.017 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.18	252	159889	18.377 ng/ul	99
83) Benzo(a)anthracene	21.24	228	512299	20.198 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	283082	18.966 ng/ul	99
85) Chrysene	21.29	228	488768	19.760 ng/ul	99
87) Di-n-octyl phthalate	22.09	149	467405	17.709 ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	495084	19.267 ng/ul	100
89) Benzo(k)fluoranthene	22.86	252	493759	20.025 ng/ul	100
91) Benzo(a)pyrene	23.38	252	458008	19.753 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.70	276	562771	19.564 ng/ul	99
93) Dibenzo(a,h)anthracene	25.71	278	479164	19.696 ng/ul	98
94) Benzo(g,h,i)perylene	26.37	276	466189	19.600 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