Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP080921\
Data File : BP006615.D
Acq On : 09 Aug 2021 18:06
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 13 09:07:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 13 08:57:38 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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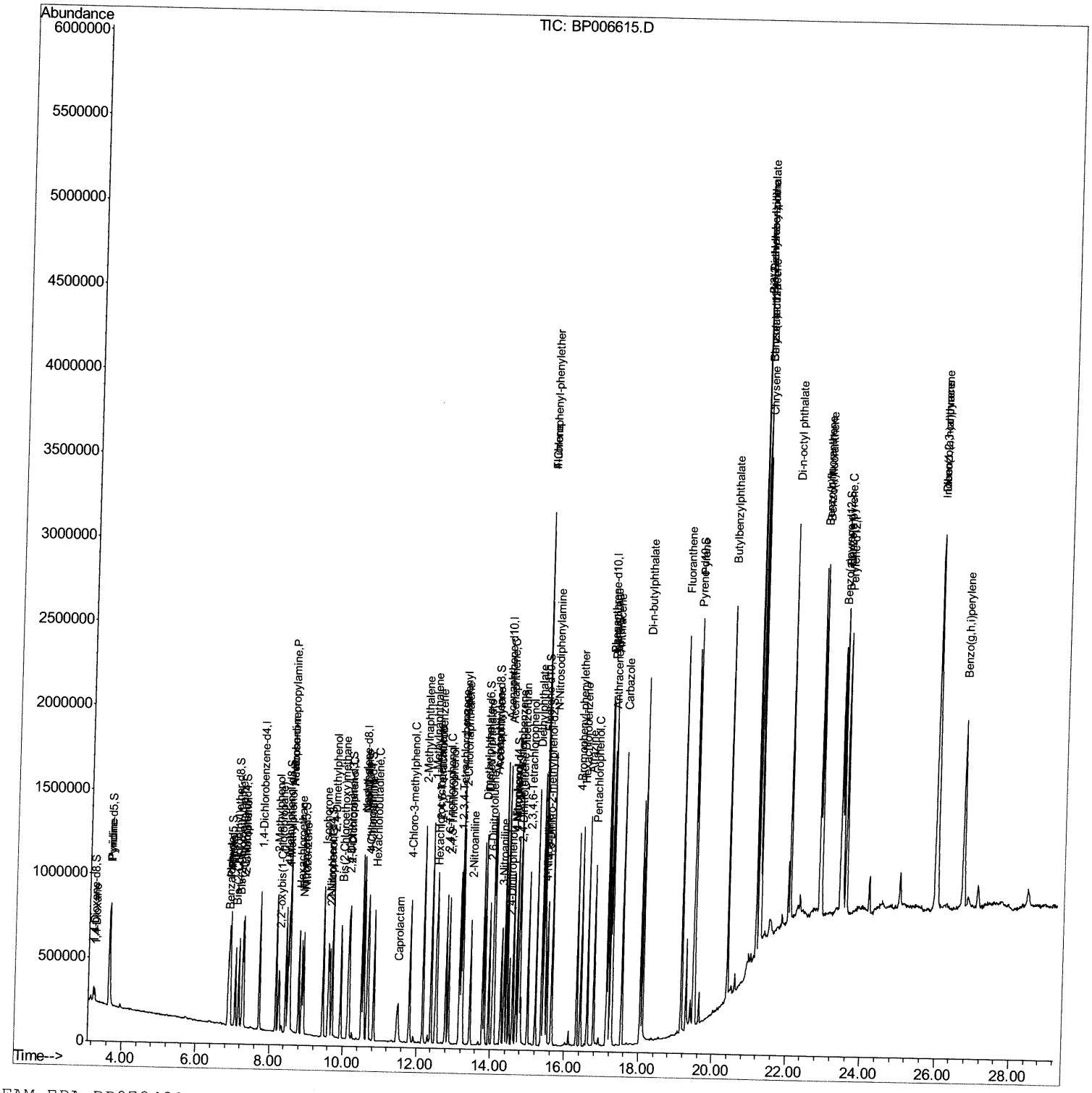

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
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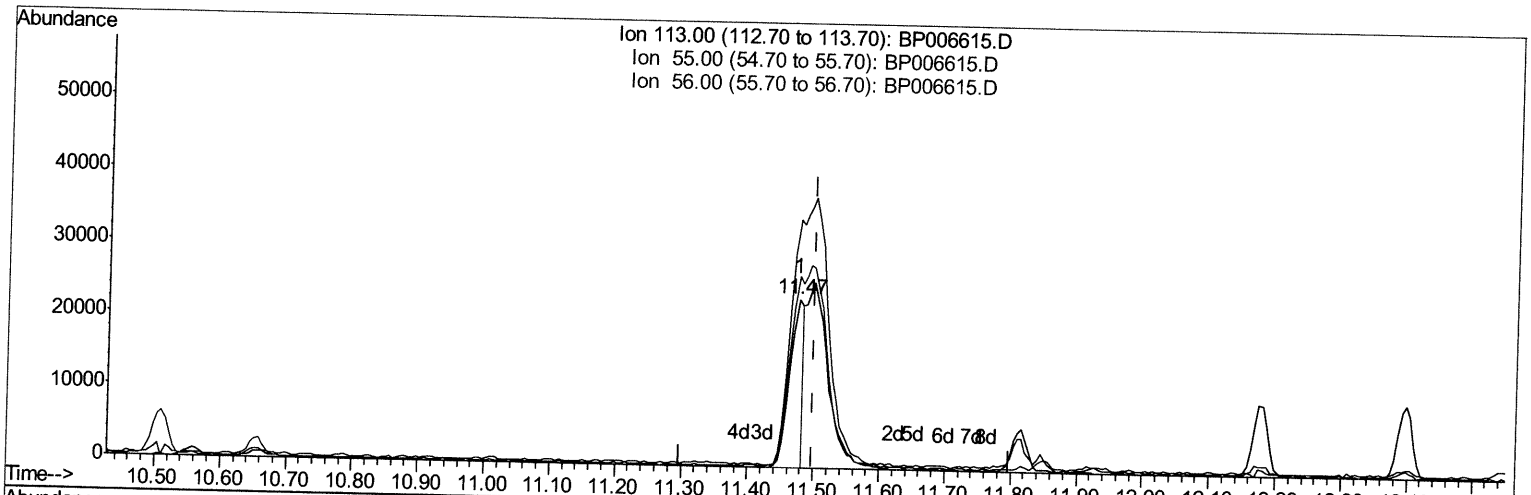

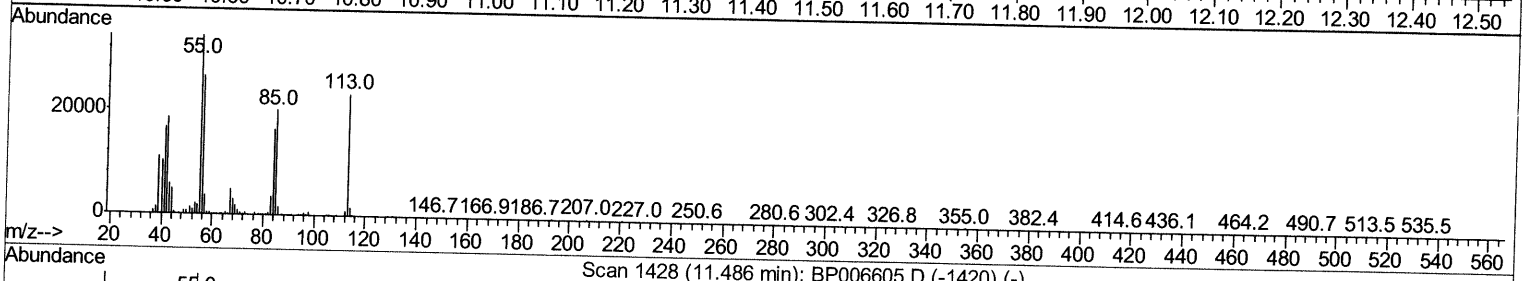

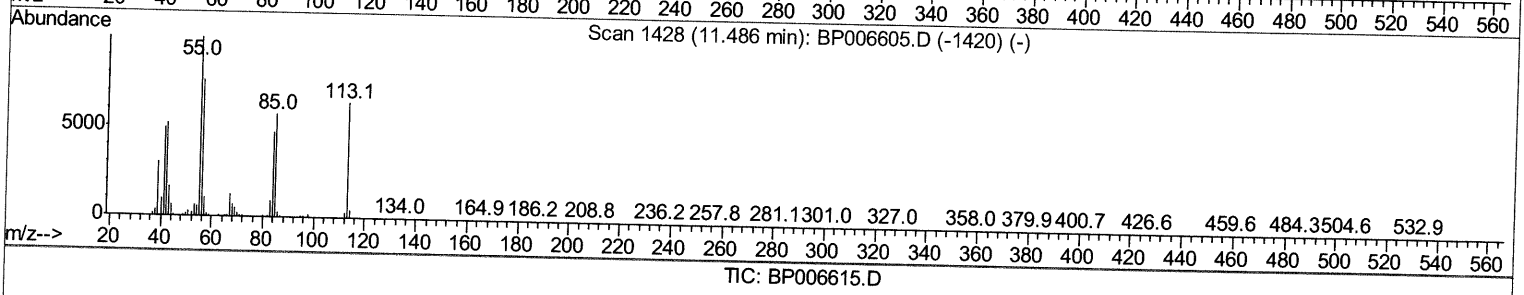

TIC: BP006615.D

(34) Caprolactam

11.475min (-0.024) 7.67ng/ul

response 32211

Ion	Exp%	Act%
113.00	100	100
55.00	166.40	147.25
56.00	118.80	113.56
0.00	0.00	0.00

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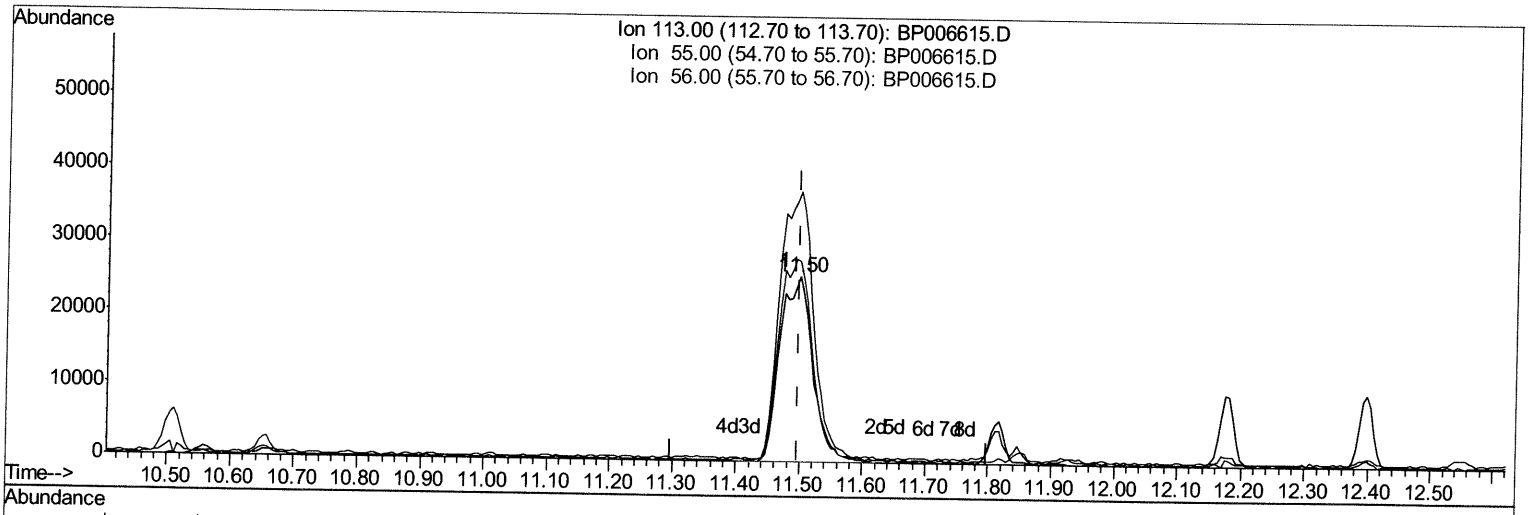

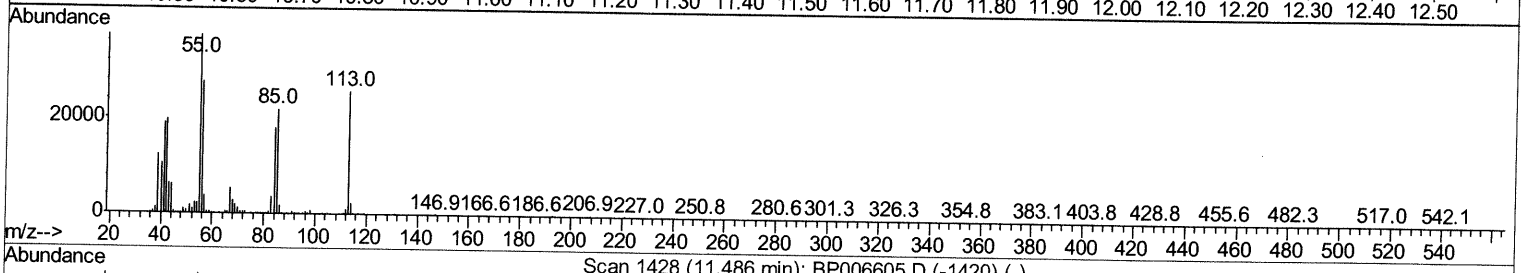

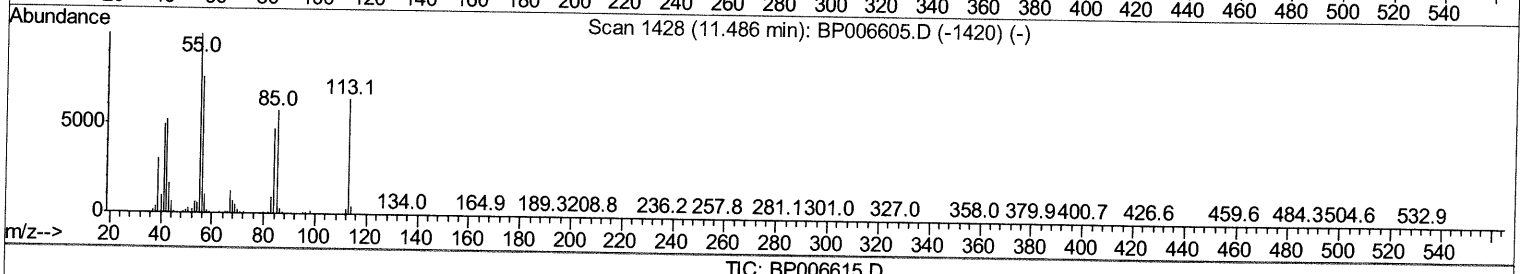

TIC: BP006615.D

(34) Caprolactam

11.498min (0.000) 22.24ng/ul m 08/13/21 JU

response 93431

Ion	Exp%	Act%
113.00	100	100
55.00	166.40	145.72
56.00	118.80	108.15
0.00	0.00	0.00

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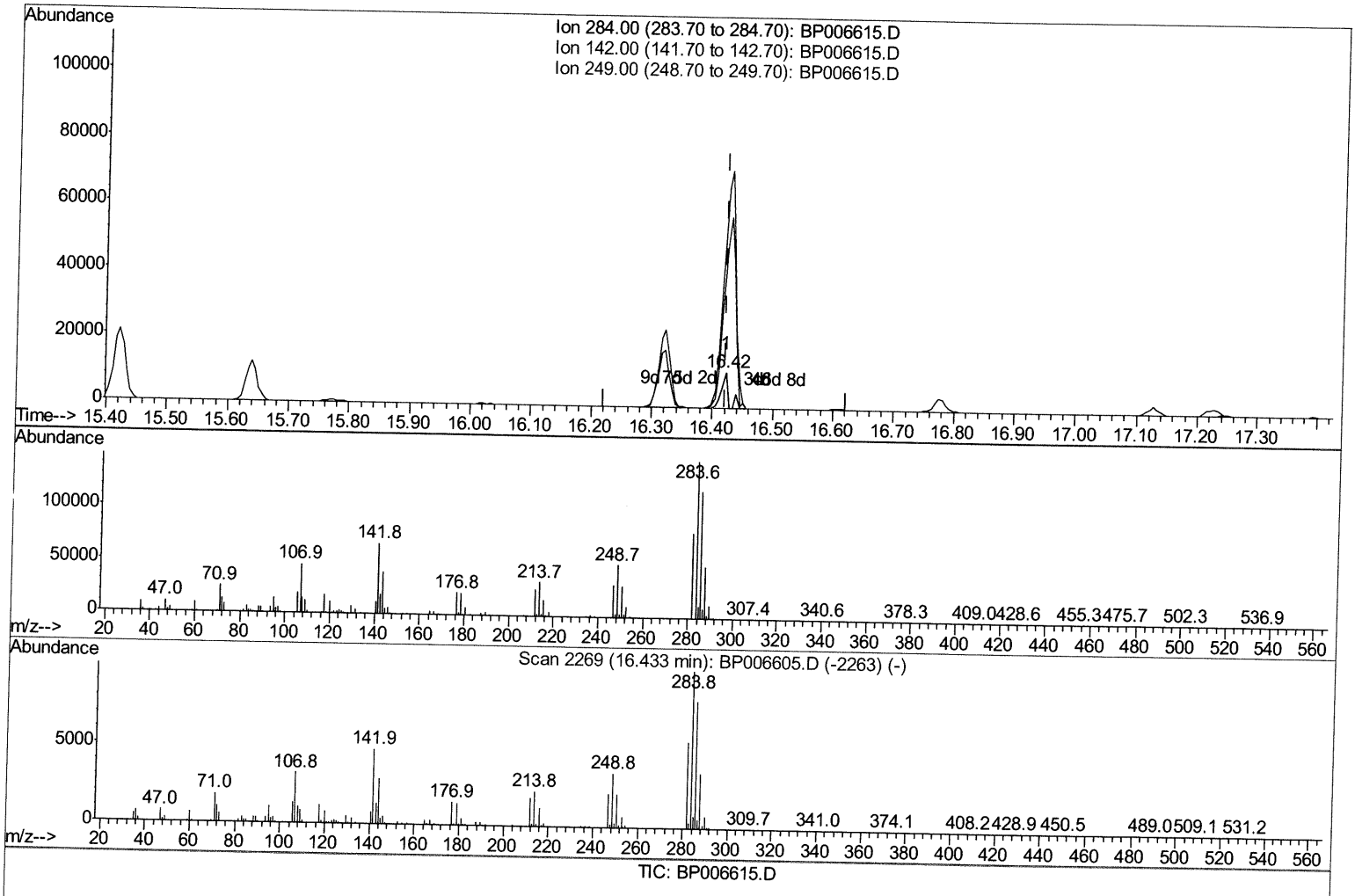

(69) Hexachlorobenzene

16.422min (0.000) 0.60ng/ul

response 7005

Ion	Exp%	Act%
284.00	100	100
142.00	48.40	611.94#
249.00	33.50	491.62#
0.00	0.00	0.00

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BNA_P
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Manual Integrations APPROVED
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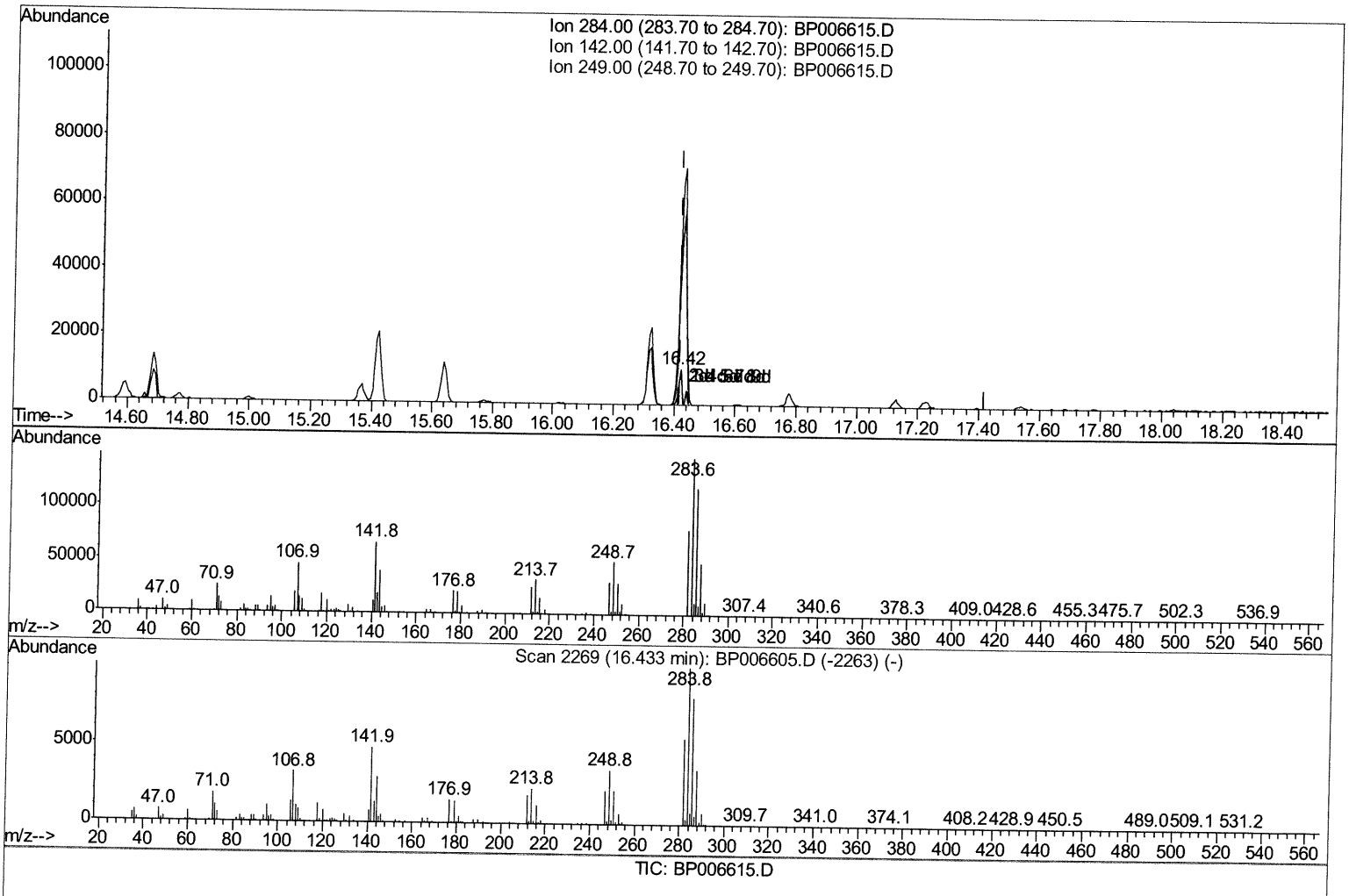

TIC: BP006615.D

(69) Hexachlorobenzene

16.422min (+0.001) 1.02ng/ul m 08/13/21 JU

response 11907

Ion	Exp%	Act%
284.00	100	100
142.00	48.40	611.94#
249.00	33.50	458.56#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	210904	20.00	ng/ul	0.00
20) Naphthalene-d8	10.51	136	890276	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.37	164	532918	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	1081897	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	1064956	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	1161853	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	43277	7.66	ng/uL	0.00
4) Pyridine-d5	3.64	84	306111	18.25	ng/ul	0.00
7) Phenol-d5	6.90	99	339310	17.13	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	208479	16.92	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	277475	18.86	ng/ul	0.00
15) 4-Methylphenol-d8	8.44	113	269846	17.32	ng/ul	0.00
21) Nitrobenzene-d5	8.88	128	133566	20.15	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	142824	22.56	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	245895	19.83	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	376625	18.44	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	732906	19.32	ng/ul	0.00
49) Acenaphthylene-d8	14.06	160	863477	18.53	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	145852	19.37	ng/ul	0.00
60) Fluorene-d10	15.37	176	591528	18.55	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	103776	17.21	ng/ul	0.00
73) Anthracene-d10	17.23	188	908383	18.60	ng/ul	0.00
81) Pyrene-d10	19.47	212	990463	18.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	1115203	18.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	48134	8.069	ng/uL	95
5) Pyridine	3.66	79	314856	17.999	ng/ul	97
6) Benzaldehyde	6.87	77	156444	14.476	ng/ul	96
8) Phenol	6.93	94	352417	17.406	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.16	93	279092	17.524	ng/ul	96
12) 2-Chlorophenol	7.29	128	279008	18.701	ng/ul	99
13) 2-Methylphenol	8.17	108	261108	17.672	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.25	45	315879	17.753	ng/ul	99
16) Acetophenone	8.55	105	427257	17.837	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.53	70	228248	18.214	ng/ul#	98
18) 4-Methylphenol	8.50	108	281819	17.763	ng/ul	97
19) Hexachloroethane	8.79	117	122541	20.079	ng/ul	87
22) Nitrobenzene	8.92	77	349075	20.296	ng/ul	96
23) Isophorone	9.45	82	645097	20.981	ng/ul	98
25) 2-Nitrophenol	9.63	139	153195	21.948	ng/ul	94
26) 2,4-Dimethylphenol	9.70	107	315678	19.071	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.93	93	377882	19.138	ng/ul	99
29) 2,4-Dichlorophenol	10.16	162	240728	19.782	ng/ul	97
30) Naphthalene	10.56	128	881422	19.082	ng/ul	99
32) 4-Chloroaniline	10.68	127	361055	17.949	ng/ul	99
33) Hexachlorobutadiene	10.84	225	152759	20.577	ng/ul	99
34) Caprolactam	11.50	113	93431m>	22.235	ng/ul>	

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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	11.81	107	296948	20.441 ng/ul	98
36) 2-Methylnaphthalene	12.17	142	588831	18.604 ng/ul	99
37) 1-Methylnaphthalene	12.40	142	566676	17.788 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	269717	18.780 ng/ul	94
40) Hexachlorocyclopentadiene	12.52	237	190587	20.400 ng/ul#	94
41) 2,4,6-Trichlorophenol	12.80	196	184825	20.769 ng/ul	97
42) 2,4,5-Trichlorophenol	12.86	196	196994	20.232 ng/ul	97
43) 1,1'-Biphenyl	13.20	154	736389	18.433 ng/ul	99
44) 2-Chloronaphthalene	13.24	162	577503	19.147 ng/ul	97
45) 2-Nitroaniline	13.45	65	192371	21.591 ng/ul	93
47) Dimethylphthalate	13.84	163	748501	20.105 ng/ul	99
48) 2,6-Dinitrotoluene	13.96	165	147361	21.651 ng/ul	93
50) Acenaphthylene	14.09	152	892080	19.658 ng/ul	100
51) 3-Nitroaniline	14.29	138	147944	18.551 ng/ul	95
52) Acenaphthene	14.43	153	633280	19.020 ng/ul	99
53) 2,4-Dinitrophenol	14.49	184	87273	21.620 ng/ul	92
55) 4-Nitrophenol	14.60	109	131221	21.541 ng/ul	100
56) Dibenzofuran	14.77	168	845321	18.932 ng/ul	99
57) 2,4-Dinitrotoluene	14.75	165	215003	22.105 ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.00	232	173785	22.887 ng/ul	94
59) Diethylphthalate	15.21	149	795722	20.635 ng/ul	98
61) Fluorene	15.42	166	705525	19.209 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.42	204	336989	19.680 ng/ul	97
63) 4-Nitroaniline	15.45	138	160840	20.535 ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.51	198	112695	19.114 ng/ul	90
67) N-Nitrosodiphenylamine	15.64	169	589595	18.344 ng/ul	99
68) 4-Bromophenyl-phenylether	16.32	248	204776	23.634 ng/ul	94
69) Hexachlorobenzene	16.42	284	11907m>	1.025 ng/ul >	08/13/21 JU
70) Atrazine	16.60	200	223227	20.070 ng/ul	99
71) Pentachlorophenol	16.78	266	168201	23.026 ng/ul	96
72) Phenanthrene	17.17	178	1110808	19.121 ng/ul	99
74) Anthracene	17.26	178	1131224	19.204 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	265694	17.916 ng/uL	94
76) Pentachlorobenzene	14.69	250	272039	18.817 ng/uL	99
77) Carbazole	17.54	167	1007749	18.702 ng/ul	100
78) Di-n-butylphthalate	18.10	149	1396688	21.687 ng/ul	100
80) Fluoranthene	19.14	202	1280254	18.968 ng/ul	99
82) Pyrene	19.50	202	1315176	18.778 ng/ul	95
83) Butylbenzylphthalate	20.39	149	646354	22.492 ng/ul	91
84) 3,3'-Dichlorobenzidine	21.16	252	358733	15.288 ng/ul	97
85) Benzo(a)anthracene	21.22	228	1267768	19.211 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.16	149	976548	21.704 ng/ul	98
87) Chrysene	21.27	228	1209489	19.121 ng/ul	98
89) Di-n-octyl phthalate	22.06	149	1667293	20.592 ng/ul	100
90) Benzo(b)fluoranthene	22.85	252	1332415	18.055 ng/ul	98
91) Benzo(k)fluoranthene	22.90	252	1305062	18.633 ng/ul	99
93) Benzo(a)pyrene	23.46	252	1233756	19.126 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.96	276	1641459	19.879 ng/ul	97
95) Dibenzo(a,h)anthracene	25.98	278	1385878	19.817 ng/ul	99
96) Benzo(g,h,i)perylene	26.70	276	1360474	19.941 ng/ul	96

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

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